RSPD

Roads & Sewers for Planning & Design

Flood Risk Assessment and Drainage & SUDs Strategy In support of Residential Development at

Woodlands Farm
Wrotham Road
Meopham
Kent
DA13 0RQ

Luke Shaw AMIHE
September 2026
Revision [B]
Job No: 6348

RSPD

Roads & Sewers for Planning & Design

Flood Risk Assessment, Drainage & SUDS Strategy At Woodlands Farm

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Amendments

Revision	Date	Description
0	17th July 2026	Planning Issue
A	7th August 2026	Appendices Updated
B	29th September 2026	Surface Water Drainage section updated. Appendices Update

References

Reference	Title
A	CIRIA Publication 753 – The SUDS Manual (2015)
B	Sewers for Adoption 7th Edition (Wrc 2012)
C	Part H of the Building Regulations (2015)
D	The Soakaway Design Guide (KCC 2000)
E	Making it Happen (KCC 2007)
F	Drainage and Planning Policy Statement (KCC 2019)
G	National Planning Policy Framework (2024)
H	SUDS National Standards (June 2025)
I	Gravesham Water and Flood Risk Background Paper (2020)

Introduction

This Flood Risk Assessment and Drainage Strategy has been developed in support of a planning application for residential development of up to 67 new homes located at Woodlands Farm, Wrotham Road, Meopham, Kent, DA13 0RQ. This document aims to identify any flood risk areas, offering suggested mitigation where appropriate and also outline the methods of drainage available for both Surface Water and Foul Water Drainage. A Location Plan and layout of the proposed scheme can be found in the appendices of this document.

Due to the area of development being over 1 Hectare the site is subject to a formal Flood Risk Assessment (FRA), which is to be submitted and approved by the Local Planning Authority in consultation with the Statutory Consultees.

Development Description and Location

The proposal is for the benefit of residential development of up to 67 new homes located at Woodlands Farm, Wrotham Road, Meopham, Kent, DA13 0RQ. The site is situated within the district of Gravesham.

The location of the proposed site is at grid reference 563478, 162215 as shown in the location plans within the appendices.

Development Classification

The flood risk vulnerability classification for this type of development in this location is considered as More Vulnerable which is defined in Table 2 of the Technical Guidance to the National Planning Policy Framework.

Sequential Test

As set out in the National Planning Policy Framework, the aim of the Sequential Test is to direct new development to areas with the lowest probability of flooding.

The starting point to the Sequential Test is the Flood Zones, which can be seen below and in the appendices. The map clearly shows flood zone 1 only. However, recent changes to the NPPF states under paragraph 175 *"The sequential test should be used in areas known to be at risk now or in the future from any form of flooding, except in situations where a site-specific flood risk assessment demonstrates that no built development within the site boundary, including access or escape routes, land raising or other potentially vulnerable elements, would be located on an area that would be at risk of flooding from any source, now and in the future (having regard to potential changes in flood risk)."*

However, Planning Practice guidance goes on to say in relation to Paragraph 175 of the NPPF that in applying paragraph 175 a proportionate approach should be taken. Where a site-specific flood risk assessment demonstrates clearly that the proposed layout, design, and mitigation measures would ensure that occupiers and users would remain safe from current and future surface water flood risk for the lifetime of the development (therefore addressing the risks identified e.g. by Environment Agency flood risk mapping), without increasing flood risk elsewhere, then the sequential test need not be applied.

The proposed development is classified as More Vulnerable in accordance with Table 2 of the Technical Guidance to the National Planning Policy Framework and is identified within the below matrix as "Appropriate Development" as the site lies entirely within Flood Zone 1. Accordingly, this report will identify and assess any mitigation measures required to ensure that the development, along with its occupants and users, remains safe from both current and future surface water flood risk over its lifetime. Therefore, the sequential test need not apply.

Table 3: Flood risk vulnerability and flood zone 'compatibility'

Flood risk vulnerability classification (see table 2)		Essential infrastructure	Water compatible	Highly vulnerable	More vulnerable	Less vulnerable
Flood zone (see table 1)	Zone 1	✓	✓	✓	✓	✓
	Zone 2	✓	✓	Exception Test required	✓	✓
	Zone 3a	Exception Test required	✓	×	Exception Test required	✓
	Zone 3b functional floodplain	Exception Test required	✓	×	×	×

Key: ✓ Development is appropriate.
× Development should not be permitted.

The table above also confirms that the development in this instance is considered appropriate development.

Definition of the Flood Hazard

For the preparation of this Flood Risk Assessment, it is necessary to consider all of the potential sources of flooding and how this may affect the site. A checklist has been provided below to help identify these areas which can be discussed in greater detail below.

Possible Source of Flooding	Applicable to this Site?
Fluvial Flooding from nearby rivers or streams	☒
Coastal Flooding	☒
Surface Water Runoff from the Site, Adjacent or Nearby Land	☒
Flooding from Surface Water Sewers	☒
Flooding from Foul Water Sewers	☒
Flooding from Reservoirs	☒
Flooding from Groundwater	☒
Flooding from other Sources	☒

Fluvial flood maps have been checked (contained within the appendices) which show no risk of flooding from nearby rivers or streams.

There is no coastal flood risk to the proposed site as the nearest coastline is approximately 29.5km away from the development.

Surface water flood maps have been checked (also contained in the appendices) which show there to be no risk of surface water flooding to the development site.

A review of the Southern Water Sewer Asset Plans (contained within the appendices) identifies an existing foul sewer running through the field opposite the site. In addition, Google Street View imagery shows a series of highway gullies along Gravesend Road, indicating the likely presence of an existing highway drainage system serving the area adjacent to the development site.

When checking the flood maps for planning in relation to reservoir flooding, the maps show there to be no risk of flooding from this source.

Upon review of the Gravesham Water and Flood Risk Background Paper, no records of groundwater flooding have been identified within close proximity of the proposed site.

There are no other sources on or off site that are thought to be a flood risk at this site.

Probability

The proposed development is situated within Zone 1 which can be seen in the Flood Maps for Planning, contained in the appendices.

The District Council for the area have prepared a Strategic Flood Risk Assessment which refines the information provided by the Environment Agency and gives an overview of the flood risk in the district.

Based on the Information provided in both the Flood Maps for Planning and the Strategic Flood Risk Assessment, the probability of a flood event may be taken as:
Zone 1 - Land having a less than 1 in 1,000 annual probability of river or sea flooding. (Shown as 'clear' on the Flood Map – all land outside Zones 2 and 3)

Climate Change

More recent guidelines have been published in respect of climate change allowances. Climate change allowances have been applied to the rainfall simulations for the benefit of the drainage design, in accordance with LLFA policies.

Flood Risk Management Measures

Although the entirety of the development is situated within an area of flood zone 1, the EA state that PLP (property level protection) measures can be the most effective in mitigating both the ingress of water to a property and help to minimise damage should water get in.

Therefore, the internal finished floor levels (FFLs) of the proposed dwellings will be set at a minimum of 150mm above the adjacent external ground levels.

The property owner should consider installing non-return valves in the new foul drainage systems to prevent any potential surcharging. This will also help prevent issues with rodents.

Off Site Impacts

There are no foreseen adverse residual impacts to neighbouring buildings or the surrounding area in relation to flood risk as a result of the proposed development scheme.

Residual Risks

There are no additional residual flood risks to the property following the implementation of the flood risk management measures.

Drainage Strategy

Existing Drainage

Upon review of the topographical survey, it can be seen that there are other exiting drainage systems in the vicinity of the new building. These are all understood to be private drainage assets and will be decommissioned as part of any re-development work.

Site Geology

Local geotechnical mapping has been checked, which shows that the bedrock geology consists of the Lewes Nodular Chalk Formation. This formation type is generally described as:

Lewes Nodular Chalk Formation

''Composed of hard to very hard nodular chalks and hardgrounds with interbedded soft to medium hard chalks''

On the basis of the above, this would indicate that infiltration to ground is likely to be viable.

Topography

A topographical survey has been carried out which shows the external ground levels at the front of the site to be around 184.20mAOD. Site levels then continue to increase towards centre of the site at approximately 186.50mAOD. From here the levels gradually increase to 189.30mAOD at the Southern side of the site.

Design Objective

The objective of the design will be to;

a) Retain/reduce the quantity of surface water runoff leaving the development area, to equal or less than the greenfield runoff rate for all storms, up to and including the 1 in 100 year return period + 45% climate change.
b) Improve the quality of surface water runoff by infiltration methods and open SUD's wherever possible.

Surface Water Drainage Considerations

When making selections in respect of the final discharge point of the surface water drainage, the hierarchy of SUDS must be considered in the decision-making process and shall be implemented in the development of the drainage strategy where this is reasonably achievable.

For surface water drainage runoff destinations, the hierarchy of SUDS now states the following, in priority order as follows:

- Priority 1: collected for non-potable use
- Priority 2: infiltrated to ground
- Priority 3: discharged to an above ground surface water body
- Priority 4: discharged to a surface water sewer, or another piped surface water drainage system
- Priority 5: discharged to a combined sewer

Where it is not possible to implement the higher priority choices in the hierarchy, evidence may need to be submitted to demonstrate how and why these elements cannot be complied with.

Whilst the SUDS National Standards set out the criteria for prioritising these choices, there may also be circumstances where a departure from these standards can be agreed at a local level if the reasons given are able to demonstrate that the implementation of higher priority selections are not reasonably practicable.

It should also be noted that that there may be scenarios where more than one of these priority selections are made, to present a hybrid strategy for surface water management.

For this proposed development, the hierarchy of SUDS has been given due consideration, which can be reviewed in other sections in this document, such as Site Geology, Existing Drainage.

The following discharge priorities have been selected in the table on the next page:

Priority Selection

Priority Rating	Description	
1	Collected for non-potable use	☒
2	Infiltrated to ground	☒
3	Discharged to an above ground surface water body	☐
4	Discharged to a surface water sewer, or another piped surface water drainage system	☐
5	Discharged to a combined sewer	☐

Consideration between simulated climate change adjusted critical storms in the 1 in 100 year return storm versus the ongoing functionality of a rainwater harvesting strategy, using Standard Average Annual Rainfall statistics (SAAR) need to be given where rainwater harvesting is being used.

Whilst the surface water drainage design is being assessed against low probability storms, resulting in high production of surface water runoff, the rainwater harvesting philosophy cannot be designed in the same way, as it must be based on the standard annual average rainfall, giving a smaller than expected yield.

Therefore, it is likely that in most cases, the rainwater harvesting proposals will be smaller scale proposals for each scheme, but cumulatively over many schemes will begin to make a positive difference to the existing drainage networks.

Rainwater harvesting has been duly considered in accordance with the SuDS hierarchy, and the development should incorporate rainwater butts or SuDs Planters to facilitate the reuse of roof runoff for irrigation within the soft landscaped areas of the site.

Development Drainage Proposals

Surface Water Drainage

The proposed surface water drainage strategy for the Woodlands Farm development has been developed in accordance with the National Standards, for Sustainable Drainage Systems drainage hierarchy, with infiltration identified as the preferred method of disposal.

Surface water runoff from the impermeable areas of the development (Roads, private driveways and roof areas) will be conveyed via a network of swales and attenuation basins before discharging into a series of deep bore soakaways. All attenuation basins have been modelled with a factor of safety of 2.

Ground investigation and infiltration testing have not been undertaken at the site at this early stage, and as such, infiltration rates have been assumed for the purposes of the drainage strategy.

The infiltration rate for the deep bore soakaways has been assumed at 3.85×10^{-5} m/s, based on rates achieved at a development with similar local geology. The strategy has therefore been designed to discharge directly into the Chalk formation, providing a sustainable means of surface water disposal whilst ensuring the development does not increase flood risk either on-site or elsewhere. Borehole and BRE365 infiltration testing should be undertaken prior to detailed design to confirm the suitability of the proposed infiltration rate.

The FLOW calculations also include an assumed partial infiltration rate of 1×10^{-6} m/s for the permeable driveways and SuDS basins. This rate will be reviewed and updated following completion of on-site BRE365 infiltration testing.

Water Quality

Part of the design process is to consider all aspects of water quality to ensure the appropriate levels of treatment are being implemented and that there are no adverse effects occurring to off-site areas.

When considering potential sources of pollution and their respective methods of treatment and mitigation, the CIRIA SuDS Manual 2015 (C753) provides guidance on how this can be assessed and mitigated appropriately.

The tables below are provided to ensure and check that the design methodology and treatment systems have been considered to adequately mitigate against the pollution hazard.

Total SuDS Mitigation Index (for each contamination type)	≥	Pollution Hazard Index (for each contaminant type)

TABLE 26.2 Pollution hazard indices for different land use classifications

Land use	Pollution hazard level	Total suspended solids (TSS)	Metals	Hydro-carbons
Residential roofs	Very low	0.2	0.2	0.05
Other roofs (typically commercial/ industrial roofs)	Low	0.3	0.2 (up to 0.8 where there is potential for metals to leach from the roof)	0.05
Individual property driveways, residential car parks, low traffic roads (eg cul de sacs, homezones and general access roads) and non-residential car parking with infrequent change (eg schools, offices) ie < 300 traffic movements/day	Low	0.5	0.4	0.4
Commercial yard and delivery areas, non-residential car parking with frequent change (eg hospitals, retail), all roads except low traffic roads and trunk roads/motorways[3]	Medium	0.7	0.6	0.7
Sites with heavy pollution (eg haulage yards, lorry parks, highly frequented lorry approaches to industrial estates, waste sites), sites where chemicals and fuels (other than domestic fuel oil) are to be delivered, handled, stored, used or manufactured; industrial sites; trunk roads and motorways[3]	High	0.8[2]	0.8[2]	0.9[2]

For the site located at Woodlands Farm, the consideration will be for the residential roof areas, which are considered a 'Very Low hazard'.

TABLE 26.3 Indicative SuDS mitigation indices for discharges to surface waters

	Mitigation indices[1]		
Type of SuDS component	TSS	Metals	Hydrocarbons
Filter strip	0.4	0.4	0.5
Filter drain	0.4[2]	0.4	0.4
Swale	0.5	0.6	0.6
Bioretention system	0.8	0.8	0.8
Permeable pavement	0.7	0.6	0.7
Detention basin	0.5	0.5	0.6
Pond[4]	0.7[3]	0.7	0.5
Wetland	0.8[3]	0.8	0.8
Proprietary treatment systems[5,6]	These must demonstrate that they can address each of the contaminant types to acceptable levels for frequent events up to approximately the 1 in 1 year return period event, for inflow concentrations relevant to the contributing drainage area.		

By using catchpits and silt traps, this should be deemed appropriate mitigation for the SUDS design.

Foul Water Drainage

An existing public foul sewer is located on the opposite side of Wrotham Road and will serve as the proposed point of connection for the development's foul drainage. A foul pumping station will be installed to convey foul flows from the site to the public sewer, which is likely to be via a S98 agreement under the Water Industry Act to enable the connection to the off-site foul sewer. The proposed arrangement is shown on Drawing RSPD 6348-01 Drainage Strategy.

Residual Flood Risk

There are no foreseen adverse residual impacts to neighbouring properties or the surrounding area in relation to flood risk as a result of the proposed development scheme.

Future Maintenance

Maintenance regimes of the various drainage methods will vary, depending on the development proposals and surroundings. However, a general guide to the maintenance of the various methods of drainage have been provided below;

Maintenance Catch pits and Flow Control Chambers

To ensure the long-term effectiveness of the surface water collection asset, the sediment that accumulates within the sump of the catch pit or flow control chamber must periodically be removed to prevent it from entering the rest of the network. The frequency of this maintenance operation will vary depending on the density of the site, vegetation, design of the drainage system, other permeable areas and if the site is pre or post construction.

The ongoing maintenance activities for this system are tabulated on the following page in Table 1.

Table 1 – Catch Pit & Flow Control Chamber Maintenance – By Management Company

Maintenance Activity	Remedial Action	Inspection Frequency	
Inspect Linear Drainage Grating.	Ensure the grating had not been covered with mud or any other detritus, to ensure the ongoing effectiveness of the collecting grill. Sweep clear as necessary Also check the condition of the grating to ensure there are no damaged components. Replace as required.	Pre-completion	Monthly
		Post completion – up to 1 year	Quarterly
		On-going	Annually
Inspect Gullies, Sumps and Catch-pits	Clear any sediment or detritus found in the chamber/s. If sediment has built up within the pipe network, this should be cleared with rodding equipment or professional jetting techniques.	Pre-completion	Monthly
		Post completion – up to 1 year	Quarterly
		On-going	Annually

Foul Water Pumping Station

The proposed foul pumping station will be subject to a planned inspection and maintenance regime to ensure its continued efficient operation. Routine visits will include inspection of pumps, pipework, valves and control panels, together with cleaning of the wet well to prevent the build-up of debris, fats or silt. Pump performance, float switches and telemetry systems will be checked and tested to confirm correct operation, with any worn components replaced as necessary.

Maintenance will be undertaken by a suitably qualified contractor in accordance with the manufacturer's recommendations to ensure the long-term reliability of the system and to minimise the risk of blockage or mechanical failure.

Maintenance of Swales and Basins

There will be a new basin that is situated within the proposed development, which will allow development water to pass through it before entering the soakaways.

The ongoing maintenance activities for these basins are tabulated below in Table 3.

Table 3 – Basin Maintenance Activities – By the development management company.

Maintenance Activity	Remedial Action	Inspection Frequency	
Inspect basin perimeter for Litter and debris	Remove litter and debris with appropriate tools and dispose to the appropriate facility.	Pre-completion	Monthly
		Post completion – up to 1 year	Quarterly
		On-going	Annually or as required
Inspect vegetation for even growth and retained height.	Re-seed where necessary and cut back meadow grass etc.. outside of bird nesting seasons.	Pre-completion	Half Yearly
		Post completion – up to 1 year	Half Yearly
		On-going	Half Yearly
Inspect channel and discharge points for erosion.	Repair any affected areas by replacing any lost soil and re-turfing where necessary.	Pre-completion	Quarterly
		Post completion – up to 1 year	Quarterly
		On-going	Annually or as required
Inspect outlet pipes and culverts for sediment build-up.	Remove any excess sediment from the pipes/culverts with drainage rods and/or professional jetting techniques.	Pre-completion	Monthly
		Post completion – up to 1 year	Quarterly
		On-going	Annually or as required
Inspect main water body for sediment build up.	Remove excess sediment build up when pool volume is reduced by up to 20%. Clearance is normally every 10 – 20 years.	Pre-completion	Monthly
		Post completion – up to 1 year	Quarterly
		On-going	Annually or as required
Inspect main water body signs of eutrophication.	Aerate basin if signs of eutrophication are detected.	Pre-completion	Monthly
		Post completion – up to 1 year	Monthly
		On-going	Monthly

Conclusion

Roads & Sewers for Planning & Design Ltd (RSPD) have been requested to provide a Flood Risk Assessment and Drainage Strategy for the benefit of commercial development located at Woodlands Farm, Wrotham Road, Meopham, Gravesend, Kent, DA13 0RQ. This document aims to identify any flood risk areas, offering suggested mitigation where appropriate and also outline the methods of drainage available for both Surface Water and Foul Water Drainage. A Location Plan and layout of the proposed scheme can be found in the appendices of this document.

Due to the area of development being over 1 Hectare the site is subject to a formal Flood Risk Assessment (FRA), which is to be submitted and approved by the Local Planning Authority in consultation with the Statutory Consultees.

The flood risk vulnerability classification for this type of development in this location is considered as More Vulnerable which is defined in Table 2 of the Technical Guidance to the National Planning Policy Framework.

Based on the Information provided in both the Flood Maps for Planning and the Strategic Flood Risk Assessment, the probability of a flood event may be taken as:

Zone 1 – Low Probability, as it has a 1 in 1000 annual probability or less of river flooding, ignoring the presence of existing flood defences.

Although the entirety of the development is situated within an area of flood zone 1, the EA state that PLP (property level protection) measures can be the most effective in mitigating both the ingress of water to a property and help to minimise damage should water get in.

Therefore, the internal finished floor levels (FFL) of each of the new dwellings should be a minimum 150mm above the external ground levels.

The property owner should consider installing non-return valves in the new foul drainage systems to prevent any potential surcharging. This will also help prevent issues with rodents.

The Architectural Pans (contained within the appendices) identify an existing drainage system at the site, however, a site visit is required to review the current drainage arrangement.

The proposed scheme aims to separate the existing surface water and foul water drainage systems, connecting them into their respective public sewers at Woodlands Farm, as shown in the drainage strategy drawing (RSPD 6348-01 Drainage Strategy) included within the appendices.

There is an existing public foul sewer located at the development site which is understood to have taken foul drainage from the existing site at Woodlands Farm.

There are no foreseen adverse residual impacts to neighbouring properties or the surrounding area in relation to flood risk as a result of the proposed development scheme. The scheme proposals actually show a significant benefit to managing flood risk in the area.

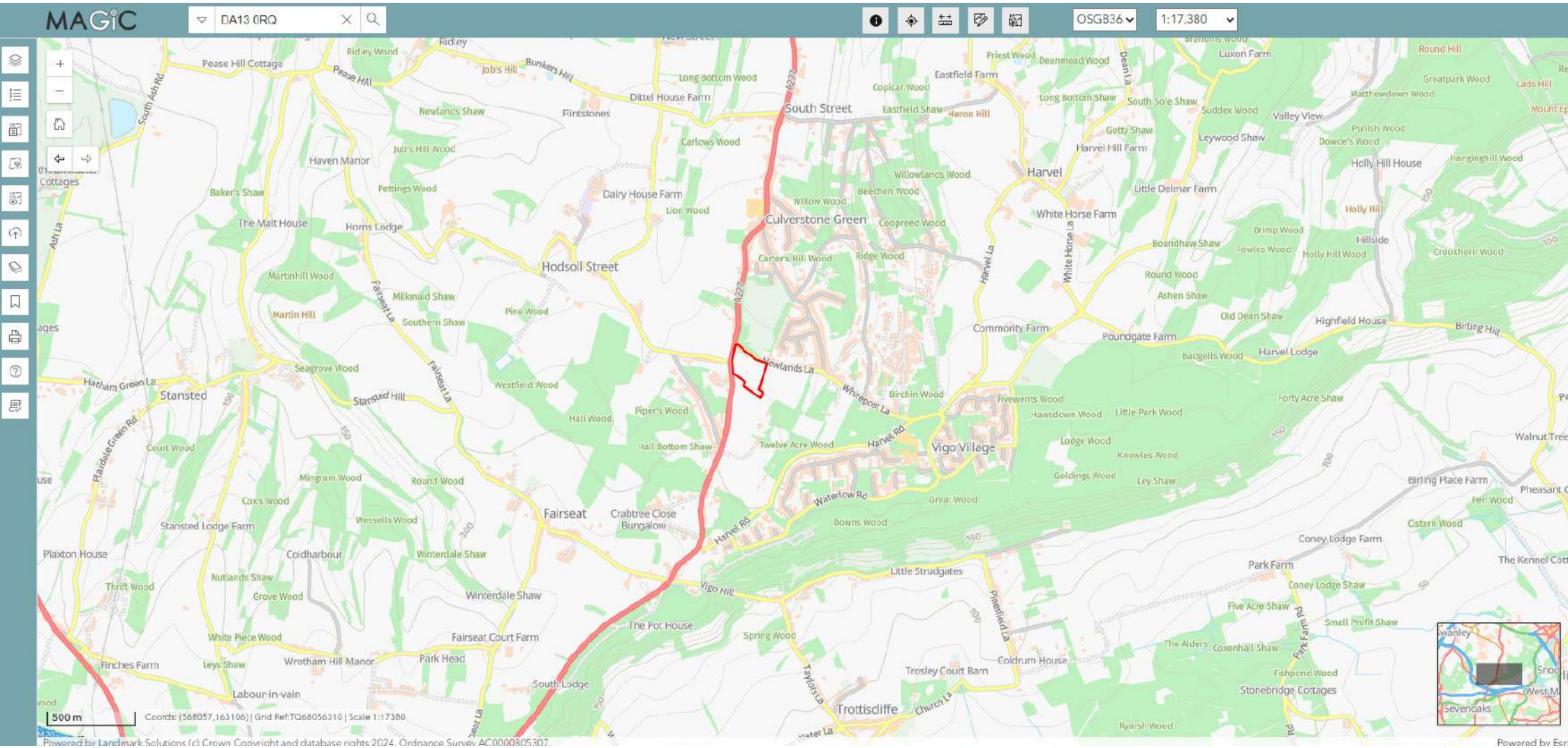
On the basis of the findings of this report, it is recommended that no objections should be raised to the development proposals on the grounds of flood risk.

Appendices

- Appendix A - Site Location Plan
- Appendix B - Flood Maps for Planning
- Appendix C - Geoindex Map
- Appendix D - Sewer Asset Plans
- Appendix E - RSPD Drainage Strategy Layout REV B
- Appendix F - Architectural Plans
- Appendix G - FLOW Calculations REV A

APPENDIX A

Site Location Plan


MAGiC
DA13 0RQ
OSGB36
1:17,380
Culverstone Green
Hodsoll Street
South Street
Harvel
Vigo Village
Fairseat
Stansted
Trottiscliffe
Newlands La
Harvel Rd
Vigo Hill
Waterlow Rd
Whitepost La
Hatham Green La
Stansted Hill
Fairseat La
Plaxdale Green Rd
Ash La
South Ash Rd
Pease Hill
Bunkers Hill
Dittel House Farm
Flintstones
Carlows Wood
Willowlands Wood
Beechen Wood
Willow Wood
Lion Wood
Dairy House Farm
Carters Hill Wood
Ridge Wood
Coopreed Wood
Haven Manor
Horns Lodge
The Malt House
Martinhill Wood
Milknaid Shaw
Martin Hill
Southern Shaw
Pine Wood
Seagrove Wood
Westfield Wood
Hall Wood
Piper's Wood
Hall Bottom Shaw
Twelve Acre Wood
Birchin Wood
Fivewents Wood
Hawsdown Wood
Little Park Wood
Lodge Wood
Knowles Wood
Goldings Wood
Ley Shaw
Great Wood
Downs Wood
Crabtree Close Bungalow
Court Wood
Mingram Wood
Round Wood
Coxs Wood
Wessells Wood
Stansted Lodge Farm
Plaxton House
Coldharbour
Winterdale Shaw
Nutlands Shaw
Thrift Wood
Grove Wood
White Piece Wood
Finches Farm
Leys Shaw
Wrotham Hill Manor
Park Head
Fairseat Court Farm
Labour-in-vain
South Lodge
The Pot House
Spring Wood
Little Strudgates
Trosley Court Barn
Coldrum House
Taylors La
Pinesfield La
Park Farm
Coney Lodge Farm
Coney Lodge Shaw
Five Acre Shaw
Small Profit Shaw
The Alders
Coxenhall Shaw
Fishpond Wood
Stonebridge Cottages
Church La
Ryarsh Wood
Commority Farm
Pondgate Farm
Bagsells Wood
Harvel Lodge
Old Dean Shaw
Highfield House
Birling Hill
Ashen Shaw
Round Wood
Boundhaw Shaw
Fowles Wood
Brimp Wood
Holly Hill Wood
Hillside
Crockhorn Wood
Holly Hill
Holly Hill House
Hanginghill Wood
Little Delmar Farm
White Horse Farm
White Horse La
Harvel La
Gotty Shaw
Harvel Hill Farm
Leywood Shaw
Dowce's Wood
Purish Wood
Valley View
Suddex Wood
South Sole Shaw
Long Bottom Shaw
Eastfield Shaw
Heron Hill
Eastfield Farm
Copicar Wood
Priest Wood
Deanmead Wood
Dean La
Luxon Farm
Round Hill
Greatpark Wood
Matthewdown Wood
Lads Hill
Mount Ep
Long Bottom Wood
Job's Hill
Ridley
Ridley Wood
Pease Hill Cottage
Newlands Shaw
Jud's Hill Wood
Baker's Shaw
Pettings Wood
Cottages
Birling Place Farm
Pheasant C
Pen Wood
Cistern Wood
Walnut Tree
Forty Acre Shaw
The Kennel Cott
Sevenoaks
500 m
Coords: (568057,163106) | Grid Ref:TQ68056310 | Scale 1:17380
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Powered by Esri

APPENDIX B

Flood Maps for Planning

Flood map for planning

Your reference	Location (easting/northing)	Created
Unspecified	**563478/162205**	**3 July 2026 10:00**

Your selected location is in flood zone 1, an area with a low probability of flooding.

You will need to do a flood risk assessment if your site is **any of the following**:

- bigger than 1 hectare (ha)
- in an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence which sets out the terms and conditions for using government data. https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2026 AC0000807064. https://flood-map-for-planning.service.gov.uk/os-terms



Environment Agency

Flood map for planning

Your reference
Unspecified

Location (easting/northing)
563478/162205

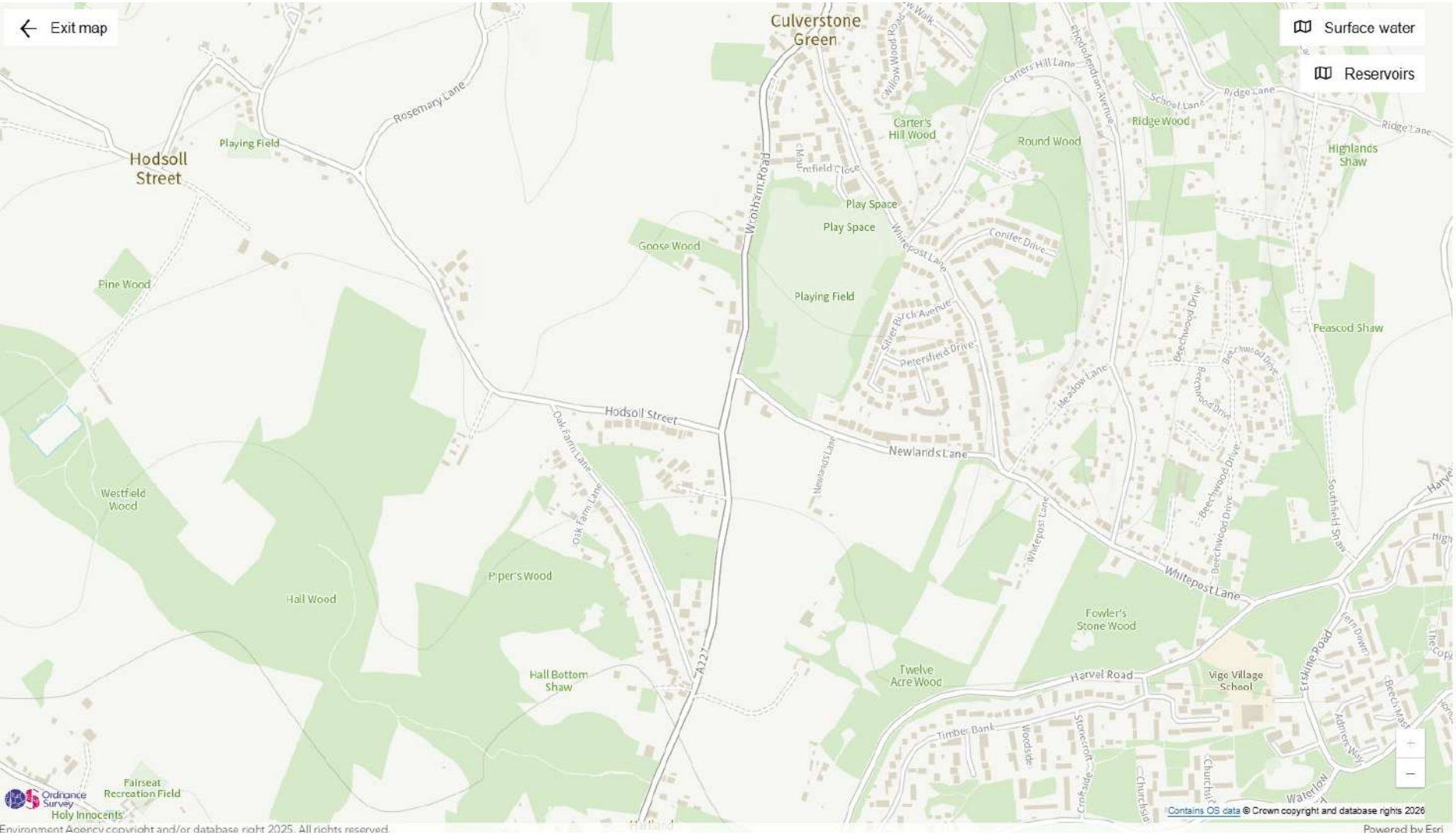
Scale
1:2,500

Created
3 Jul 2026 10:00

- Selected area
- Flood zone 3
- Flood zone 2
- Flood zone 1
- Flood defence
- Main river
- Water storage area

0 20 40 60 m

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Rivers and sea map

Yearly chance of flooding

- (•) Extent
  - High chance: More than 3.3% chance each year
  - Medium chance: Between 1% and 3.3% chance each year
  - Low chance: Between 0.1% and 1% chance each year
  - Very low chance: Less than 0.1% chance each year
- ( ) Depth

Yearly chance of flooding between 2036 and 2069

- ( ) Extent
- ( ) Depth

Map details

- [x] Show flooding

GOV·UK

Flood map for planning

Get data for your location

Add or edit a location boundary

Show

Datasets

Surface water

Hide

- ○ Flood zones 2 and 3
- ◉ Surface water
- ○ None

Climate change

Present day

Show

Annual likelihood of flooding

1 in 100

Show

Depth in millimetres

All depths

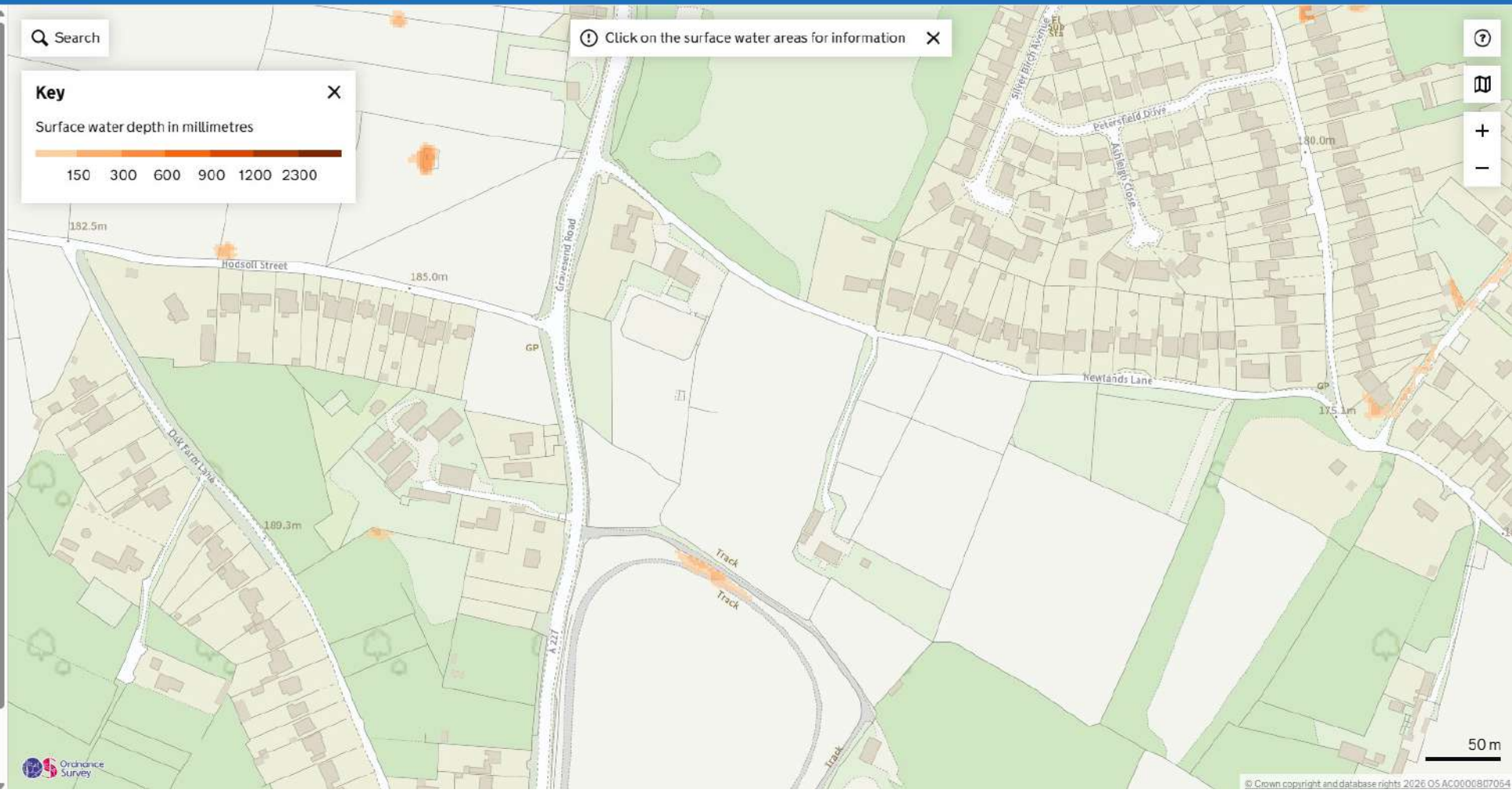
Show

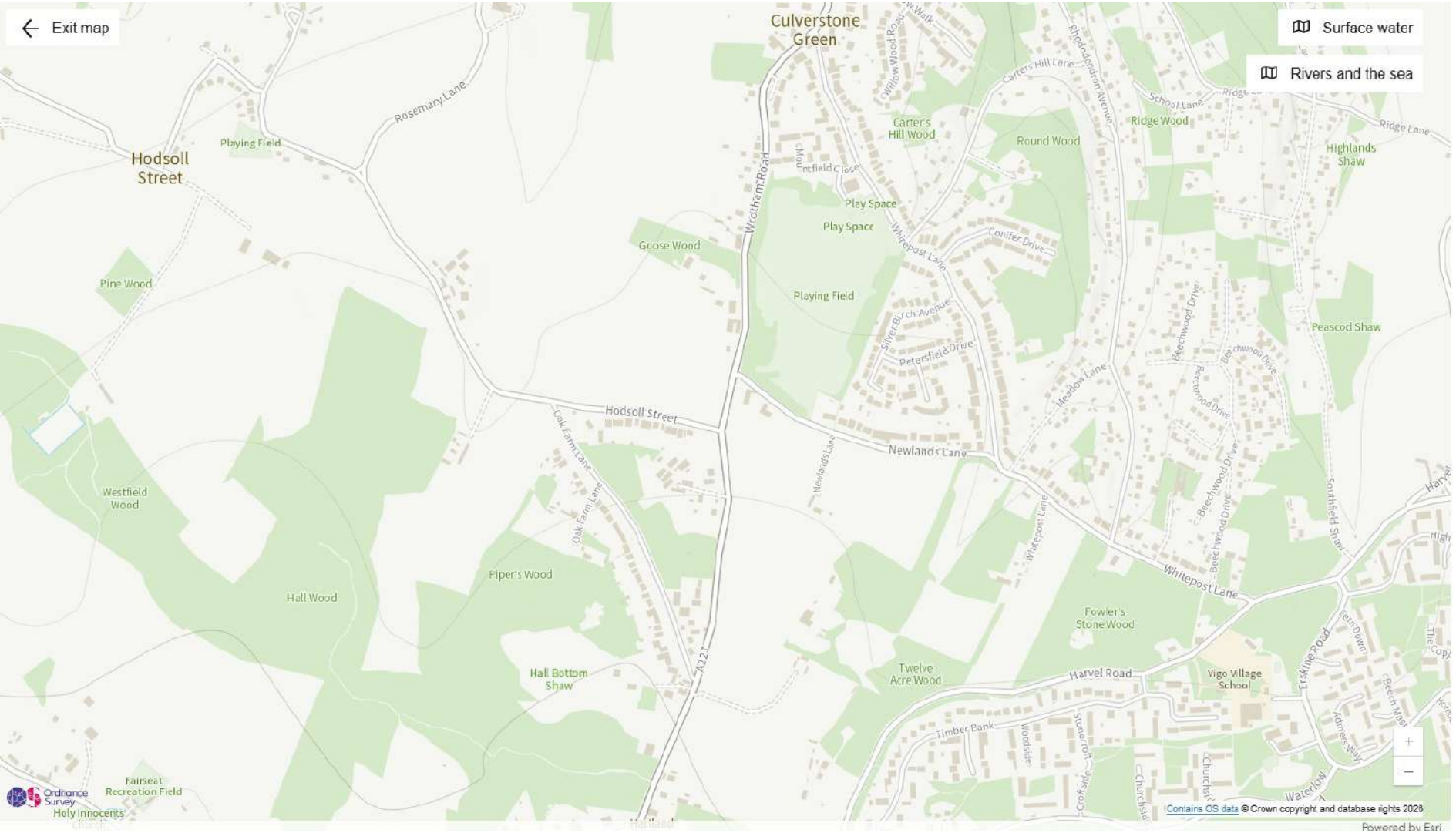
Map features

None selected

Show

Layer opacity





Reservoirs map

- Extent
  - When river levels are normal
  - When there is also flooding from rivers

Map details

- [x] Show flooding

RSPD

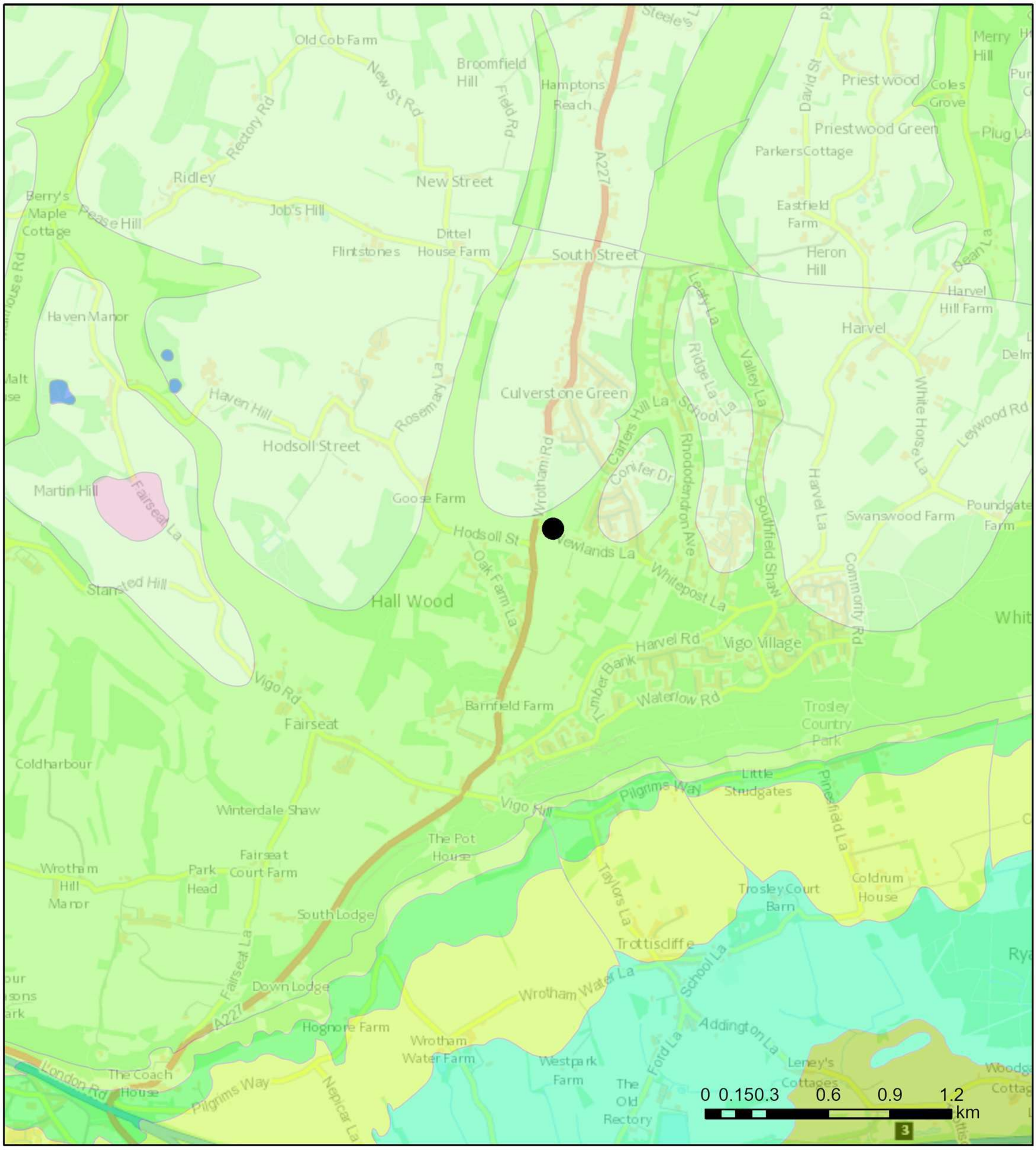
Roads & Sewers for Planning & Design

APPENDIX C

Geoindex Report

GeoIndex Report

British Geological Survey



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GeoIndex Onshore Data Sources: NERC, Natural England, English Heritage and Ordnance Survey

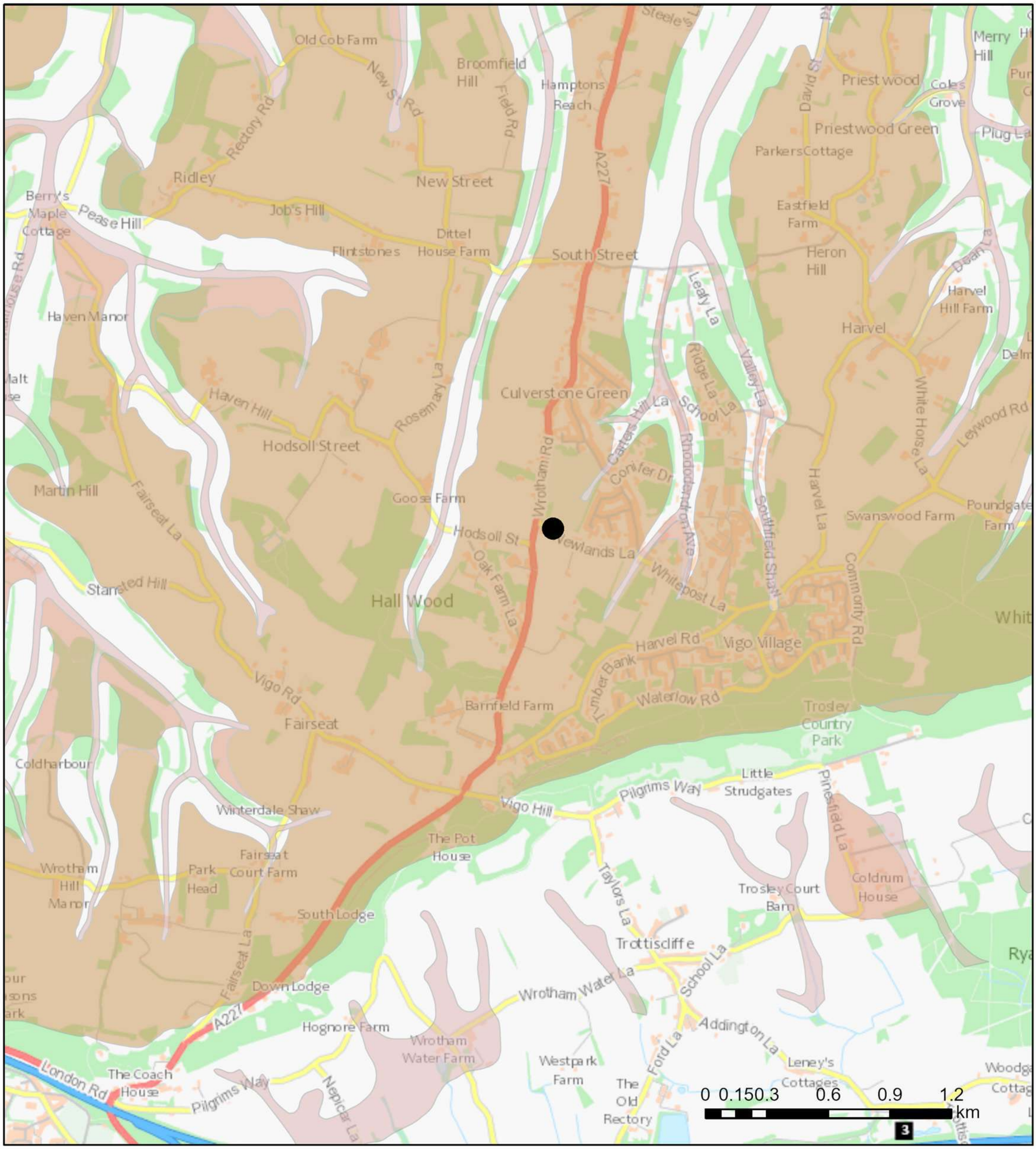
Map Key

Bedrock geology 1:50,000 scale

- Thanet Formation-Sand
- Harwich Formation-Sand and gravel
- Sandgate Formation-Sandstone and mudstone
- Seaford Chalk Formation-Chalk
- Hythe Formation-Interbedded sandstone and [subequal/subordinate] limestone
- Gault Formation-Mudstone
- Zig Zag Chalk Formation-Chalk
- New Pit Chalk Formation-Chalk
- Lewes Nodular Chalk Formation-Chalk
- Grey Chalk Subgroup-Chalk
- Holywell Nodular Chalk Formation-Chalk
- Folkestone Formation-Sandstone

GeoIndex Report

British Geological Survey



Contains OS data © Crown Copyright and database right 2020

GeoIndex Onshore Data Sources: NERC, Natural England, English Heritage and Ordnance Survey

Map Key

Superficial deposits 1:50,000 scale

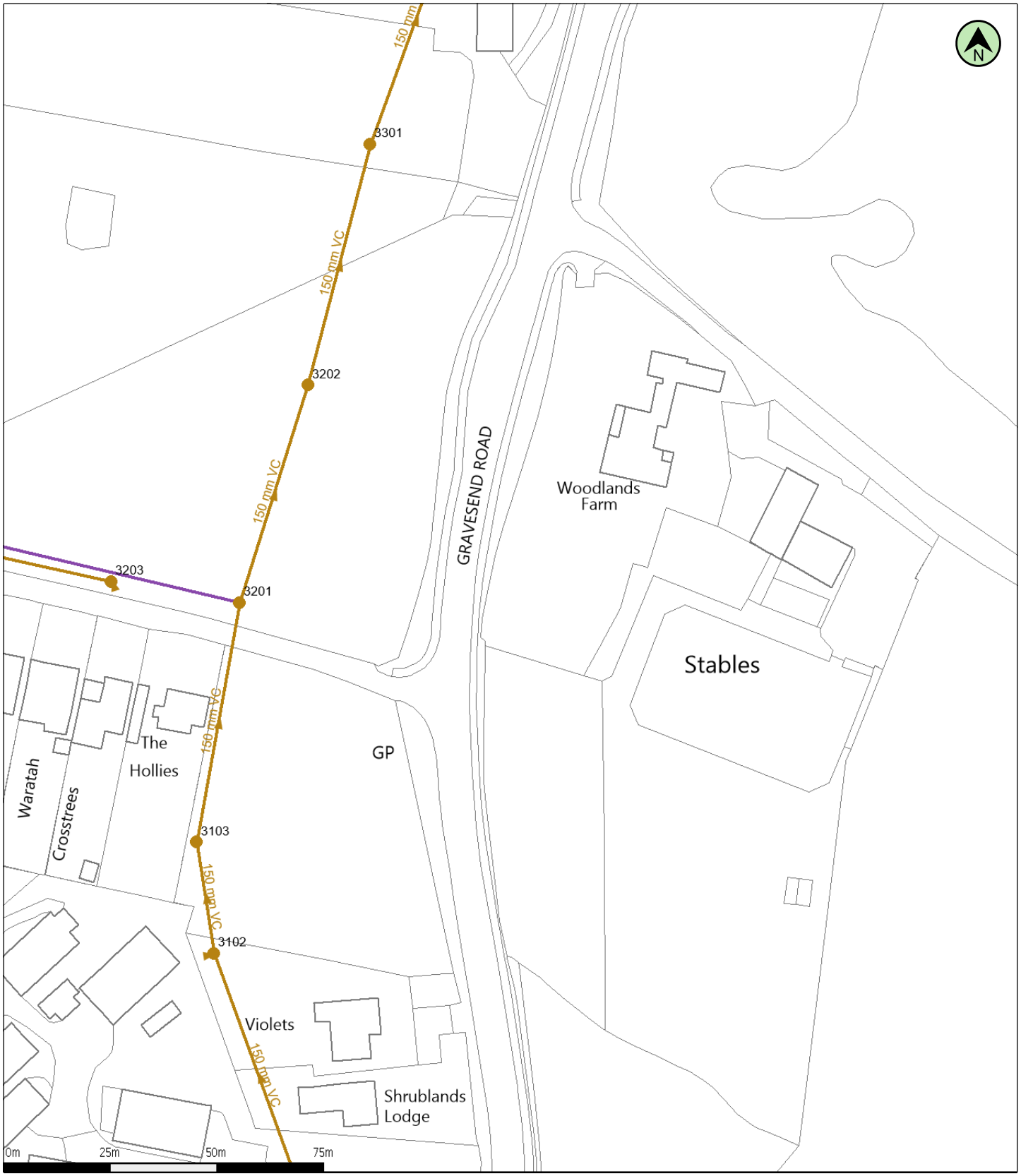
- Alluvium-Clay, silt, sand and peat
- Alluvium-Clay, silt, sand and gravel
- Alluvium-Silt
- Head-Clay, silt, sand and gravel
- Head-Sand, gravel, clay and silt
- River Terrace Deposits, 2-Sand and gravel
- Head, 1-Clay, silt, sand and gravel
- Clay-with-flints Formation-Clay, silt, sand and gravel

RSPD

Roads & Sewers for Planning & Design

APPENDIX D

Sewer Asset Plans



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Scale: 1:1250

Date: 24/06/26

Wastewater Plan A4

Data updated: 19/06/26

Map Centre: 563394,162250

Our Ref: 2155254 - 1

Powered by digdat



luke.shaw@roadsandsewers.co.uk

6348

WATER for LIFE from Southern Water

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2026 Ordnance Survey AC0000808122 .This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
3102	F	187.58	186.18	
3103	F	187.03	185.46	
3201	F	185.21	184.02	
3202	F	184.33	183.33	
3203	F	185.07	183.81	
3301	F	183.55	182.46	

RSPD

Roads & Sewers for Planning & Design

APPENDIX E

RSPD 6348-01 Drainage Layout REV B
RSPD 6348-06 Catchment Plan

Soakage rates have been assumed for the purposes of this drainage strategy.
Soakage testing will need to be undertaken prior to the detailed design stage

GRAVESEND ROAD

Avoca

Triple Oak

Thorpewood

Cader Idris

Shrublands Lodge

Track

PLAY AREA

Newlands Farm

SUDs

Foul Pumping Station

SCALE 1:500
0m 10m 20m 30m 40m

General Notes

KEY:

- Application Site Boundary
- Surface Water Drain
- Foul Water Drain
- Linear Drainage
- Pipe Protection
- SW Rising Main
- FW Rising Main
- French Drain/Perforated Pipe
- Surface Catch Pit/Manhole
- Foul Water Manhole
- Surface Water Soakaway
- Gully & Lead
- Waste Water Package Treatment Plant
- 1.2m Retaining Wall
- +153.100 Spot Levels
- Direction of Flow
- Embankment
- Brick Headwall
- Permeable Block Paving

FOR PLANNING

No.	Revision/Issue	Date
Rev B	Basins 3 & 4 upsized as CV values within the drainage calculations have been increased inline with KCC comments	23/09/26
Rev A	Foul pumping station relocated to avoid the removal of T49	07/08/26

RSPD
Roads & Sewers for Planning & Design Ltd
www.roadsandsewers.co.uk 07876 573377

Project Name and Address
WOODLANDS FARM,
WROTHAM ROAD,
MEOPHAM, GRAVESEND.

Description
DRAINAGE STRATEGY

Project	Sheet
6348	01
Date: 17/07/2026	
Scale: 1:500 @ A1	



SCALE 1:500

0m 10m 20m 30m 40m

PLOT 1/DRIVE = 112.48m2 (FC46)
PLOT 2/DRIVE = 82.50m2 (FC48)
PLOT 3/DRIVE = 82.50m2 (FC49)
PLOT 4/DRIVE = 82.50m2 (FC55)
PLOT 5/DRIVE = 82.50m2 (FC51)
PLOT 6/DRIVE = 82.50m2 (FC52)
PLOT 7/DRIVE = 82.50m2 (FC53)
PLOT 8/DRIVE = 60.50m2 (FC54)
PLOT 9/DRIVE = 60.50m2 (FC55)
PLOT 10/DRIVE = 60.50m2 (FC68)
PLOT 11/DRIVE = 60.50m2 (FC67)
PLOT 12/DRIVE = 82.50m2 (FC66)
PLOT 13/DRIVE = 82.50m3 (FC65)
PLOT 14/DRIVE = 60.50m2 (FC64)
PLOT 15/DRIVE = 60.50m2 (FC63)
PLOT 16/DRIVE = 112.48m2 (FC62)
PLOT 17/DRIVE = 82.50m2 (FC61)
PLOT 18/DRIVE = 82.50m2 (FC60)
PLOT 19/DRIVE = 60.50m2 (FC59)
PLOT 20/DRIVE = 60.50m2 (FC58)
PLOT 21/DRIVE = 82.50m2 (FC57)
PLOT 22/DRIVE = 82.50m2 (FC56)
PLOT 23/DRIVE = 82.50m2 (FC21)
PLOT 24/Drive = 82.50m2 (FC19)
PLOT 25/DRIVE = 60.50m2 (FC18)
PLOT 26/DRIVE = 60.50m2 (FC16)
PLOT 27/DRIVE = 82.50m2 (FC14)
PLOT 28/DRIVE = 82.50m2 (FC13)
PLOT 29/DRIVE = 82.50m2 (FC12)
PLOT 30/DRIVE = 82.50m2 (FC11)
PLOT 31/DRIVE = 60.50m2 (FC9)
PLOT 32/DRIVE = 60.60m2 (FC7)
PLOT 33/DRIVE = 132.19m2 (FC6)
PLOT 34/DRIVE = 60.50m2 (FC4)
PLOT 35/DRIVE = 112.48m3 (FC3)
PLOT 36/DRIVE = 82.50m3 (FC1)
PLOT 37/DRIVE = 82.50m2 (FC2)
PLOT 38/DRIVE = 82.50m2 (FC5)
PLOT 39/DRIVE = 82.50m2 (FC8)
PLOT 40/DRIVE = 112.48m2 (FC10)
PLOT 41/DRIVE = 60.50m2 (FC15)
PLOT 42/DRIVE = 60.50m2 (FC17)
PLOT 43/DRIVE = 82.50m2 (FC20)
PLOT 44/DRIVE = 82.50m2 (FC30)
PLOT 45/DRIVE = 82.50m2 (FC29)
PLOT 46/DRIVE = 82.50m2 (FC28)
PLOT 47/Drive = 60.5m2 (FC27)
PLOT 48/DRIVE = 60.5m2 (FC26)
PLOT 49/DRIVE = 82.50m2 (FC25)
PLOT 50/DRIVE = 82.50m2 (FC24)
PLOT 51/DRIVE = 60.50m2 (FC23)
PLOT 52/DRIVE = 60.50m2 (FC22)
PLOT 66-73/DRIVE = 848.23m2 (FC56)
PLOT 53/DRIVE = 60.50m2 (FC31)
PLOT 54/DRIVE = 60.50m2 (FC32)
PLOT 55/DRIVE = 82.50m2 (FC33)
PLOT 56/DRIVE = 82.50m2 (FC34)
PLOT 57/DRIVE = 82.50m2 (FC35)
PLOT 58/DRIVE = 82.50m2 (FC36)
PLOT 59/DRIVE = 112.48m2 (FC37)
PLOT 60/DRIVE = 60.50m2 (FC38)
PLOT 61/DRIVE = 60.50m2 (FC39)
PLOT 62/DRIVE = 82.50m2 (FC40)
PLOT 63/DRIVE = 82.50m2 (FC41)
PLOT 64/DRIVE = 82.50m2 (FC42)
PLOT 65/DRIVE = 82.50m2 (FC43)
PLOT 66/DRIVE = 60.50m2 (FC44)
PLOT 67/DRIVE = 60.50m2 (FC43)

ROAD CATCHMENT 1 = 331.93m2 (S1 & J1)
ROAD CATCHMENT 2 = 368.64m2 (S2)
ROAD CATCHMENT 3 = 327.48m2 (S3 & S4)
ROAD CATCHMENT 4 = 875m2 (S17, S18 & S19)
ROAD CATCHMENT 5 = 648.55m2 (S11, S12 & S13)
ROAD CATCHMENT 6 = 1008.13m2 (S14, S15, S16 & S10)
ROAD CATCHMENT 7 = 455.9m2 (S21, S22 & S23)

General Notes

FOR PLANNING

No.	Revision/Issue	Date

RSPD
Roads & Sewers for Planning & Design Ltd
www.roadsandsewers.co.uk 07876 573377

Project Name and Address
WOODLANDS FARM,
WROTHAM ROAD,
MEOPHAM, GRAVESEND.

Description
CATCHMENT PLAN

Project 6348

Date 28/09/2026

Scale 1:500 @ A1

Sheet 06

APPENDIX G

RSPD FLOW Calculations
Woodlands Farm



KEY:

- OAK - 5 X 4 Bed
  127 SQM (4B8P)
- ASH - 18 (2 X 3) Bed
  95.5 SQM (3B5P)
- ROSE - 13 (2 X 2) Bed
  79.5 SQM (2B4P)

1:1250

0 10 50 100

Proposed Site Plan
1:1250

Dream Design Develop
PLANNING & ARCHITECTURE
e - info@dreamdesigndevelop.co.uk
m - 07500444330

Site:	Title:	Scale at A3:	Date:
Woodlands Farm, Wrotham Road, Meopham, Culverstone, Gravesend, Kent DA13 0RQ	Proposed Site Plan	1:1250	27/06/2026
		Drawing no.: 002	Revision: A

RSPD

Roads & Sewers for Planning & Design

APPENDIX G

FLOW Calculations

Simulation Settings

Rainfall Methodology	FEH-22	Winter CV	1.000	Drain Down Time (mins)	240	Check Discharge Rate(s)	x
Rainfall Events	Singular	Analysis Speed	Normal	Additional Storage (m³/ha)	20.0	Check Discharge Volume	x
Summer CV	1.000	Skip Steady State	x	Starting Level (m)			

Storm Durations

15	30	60	120	180	240	360	480	600	720	960	1440	2160	2880	4320

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)	Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
2	0	0	0	100	0	0	0
30	0	0	0	100	45	10	0
30	35	0	0				

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Design Settings

Rainfall Methodology	FEH-22	Maximum Time of Concentration (mins)	30.00	Preferred Cover Depth (m)	0.900
Return Period (years)	2	Maximum Rainfall (mm/hr)	50.0	Include Intermediate Ground	✓
Additional Flow (%)	0	Minimum Velocity (m/s)	0.75	Enforce best practice design rules	x
CV	1.000	Connection Type	Level Soffits		
Time of Entry (mins)	5.00	Minimum Backdrop Height (m)	0.200		

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
S1	0.017	5.00	189.370	1200	563493.340	162076.770	1.000	188.370
S2	0.037	5.00	188.275	1200	563516.320	162116.620	1.236	187.039
S3	0.016	5.00	187.750	1200	563514.580	162138.700	1.613	186.137
S4	0.016	5.00	187.500	1200	563509.750	162148.600	2.122	185.378
S5			187.000	1350	563517.900	162163.970	2.090	184.910
S6			186.850	1350	563473.650	162199.780	2.042	184.808
S7			186.300	1350	563477.070	162227.040	1.541	184.759
S8			185.630	1350	563472.380	162268.580	1.300	184.330
S9			185.400	1350	563468.030	162279.780	1.275	184.125
S10	0.025	5.00	185.400	1350	563461.800	162277.360	1.287	184.113
S11	0.022	5.00	187.400	1200	563414.850	162179.540	1.000	186.400
S12	0.022	5.00	187.440	1200	563429.630	162189.840	1.264	186.176
S13	0.022	5.00	187.200	1200	563453.230	162198.390	1.207	185.993
S14	0.025	5.00	186.300	1200	563467.280	162215.430	1.125	185.175
S15	0.025	5.00	186.000	1200	563472.480	162238.350	1.133	184.867
S16	0.025	5.00	185.760	1200	563471.420	162252.830	1.273	184.487
S17	0.023	5.00	187.150	1200	563470.600	162190.920	1.000	186.150
S18	0.023	5.00	187.150	1200	563492.180	162170.020	1.326	185.824
S19	0.023	5.00	187.250	1200	563504.170	162158.420	1.484	185.766
S20			185.780	1200	563480.920	162236.440	1.138	184.642
S21	0.015	5.00	185.940	1200	563496.130	162225.020	1.531	184.409
S22	0.015	5.00	186.050	1200	563507.470	162211.220	1.819	184.231
S23	0.015	5.00	186.100	1200	563514.960	162205.730	1.902	184.198
S24	0.018	5.00	185.970	1200	563544.260	162195.470	1.953	184.017

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
S25	0.018	5.00	185.400	1200	563550.610	162213.850	1.430	183.970
S26	0.018	5.00	186.420	1200	563537.740	162176.540	1.043	185.377
FC1	0.008	5.00	189.250	1200	563493.090	162085.810	1.000	188.250
FC2	0.008	5.00	189.150	1200	563495.800	162090.060	1.000	188.150
FC3	0.011	5.00	189.200	1200	563508.330	162084.020	1.000	188.200
FC4	0.006	5.00	189.200	1200	563507.540	162086.720	1.000	188.200
FC5	0.008	5.00	189.000	1200	563499.390	162095.500	1.000	188.000
FC6	0.006	5.00	188.850	1200	563512.130	162094.710	1.000	187.850
FC7	0.006	5.00	188.750	1200	563513.420	162097.030	1.000	187.750
FC8	0.008	5.00	188.750	1200	563503.740	162103.120	1.000	187.750
FC9	0.006	5.00	188.470	1200	563517.810	162104.770	1.000	187.470
FC10	0.011	5.00	188.470	1200	563506.660	162112.250	1.000	187.470
FC11	0.008	5.00	188.320	1200	563520.090	162107.680	1.000	187.320
FC12	0.008	5.00	188.230	1200	563522.310	162113.220	1.000	187.230
FC13	0.008	5.00	188.000	1200	563523.050	162118.150	1.000	187.000
FC14	0.008	5.00	187.900	1200	563523.260	162124.650	1.000	186.900
FC15	0.006	5.00	188.200	1200	563510.950	162125.590	1.000	187.200
FC16	0.006	5.00	187.900	1200	563523.000	162128.460	1.000	186.900
FC17	0.006	5.00	188.000	1200	563510.250	162132.590	1.000	187.000
FC18	0.006	5.00	187.550	1200	563521.740	162136.870	1.000	186.550
FC19	0.008	5.00	187.400	1200	563520.950	162140.460	1.000	186.400
FC20	0.008	5.00	187.950	1200	563508.340	162141.630	1.000	186.950
FC21	0.008	5.00	187.300	1200	563518.760	162147.550	1.000	186.300
FC22	0.006	5.00	187.450	1200	563466.150	162189.200	1.000	186.450
FC23	0.006	5.00	187.300	1200	563472.210	162183.010	1.000	186.300
FC24	0.008	5.00	187.300	1200	563474.880	162180.340	1.000	186.300
FC25	0.008	5.00	187.550	1200	563480.580	162174.700	1.000	186.550
FC26	0.006	5.00	187.450	1200	563483.240	162172.290	1.000	186.450
FC27	0.006	5.00	187.500	1200	563490.030	162165.890	1.000	186.500
FC28	0.008	5.00	187.500	1200	563494.570	162161.690	1.000	186.500
FC29	0.008	5.00	187.500	1200	563497.890	162157.970	1.000	186.500
FC30	0.008	5.00	187.750	1200	563504.520	162148.950	1.000	186.750

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
FC31	0.006	5.00	187.450	1200	563415.750	162185.310	1.000	186.450
FC32	0.006	5.00	187.450	1200	563423.060	162190.300	1.000	186.450
FC33	0.008	5.00	187.450	1200	563427.200	162193.180	1.000	186.450
FC34	0.008	5.00	187.450	1200	563432.320	162195.860	1.000	186.450
FC35	0.008	5.00	187.450	1200	563436.880	162197.890	1.000	186.450
FC36	0.008	5.00	187.450	1200	563446.080	162201.100	1.000	186.450
FC37	0.011	5.00	186.800	1200	563456.130	162212.210	1.000	185.800
FC38	0.006	5.00	186.450	1200	563463.760	162221.090	1.000	185.450
FC39	0.006	5.00	186.450	1200	563466.020	162229.830	1.000	185.450
FC40	0.008	5.00	186.500	1200	563466.920	162236.670	1.000	185.500
FC41	0.008	5.00	185.850	1200	563466.840	162246.800	1.000	184.850
FC42	0.008	5.00	185.600	1200	563466.190	162252.720	1.000	184.600
FC43	0.008	5.00	185.600	1200	563462.800	162263.020	1.000	184.600
FC44	0.006	5.00	185.600	1200	563461.410	162266.390	1.000	184.600
FC45	0.006	5.00	185.600	1200	563457.660	162275.330	1.000	184.600
FC46	0.011	5.00	185.700	1200	563482.260	162242.290	1.000	184.700
FC47		5.00	185.750	1200	563487.380	162238.170	1.000	184.750
FC48	0.008	5.00	185.800	1200	563492.170	162234.210	1.000	184.800
FC49	0.008	5.00	185.800	1200	563498.840	162228.440	1.000	184.800
FC50	0.008	5.00	185.800	1200	563502.650	162224.420	1.000	184.800
FC51	0.008	5.00	185.850	1200	563509.100	162217.150	1.000	184.850
FC52	0.008	5.00	186.250	1200	563516.160	162211.050	1.000	185.250
FC53	0.008	5.00	186.250	1200	563525.050	162206.690	1.000	185.250
FC54	0.006	5.00	186.250	1200	563529.750	162204.740	1.000	185.250
FC55	0.006	5.00	186.250	1200	563535.470	162202.920	1.000	185.250
FC56	0.006	5.00	186.350	1200	563495.000	162216.060	1.000	185.350
FC57	0.006	5.00	186.350	1200	563500.650	162209.340	1.000	185.350
FC58	0.006	5.00	186.350	1200	563505.370	162205.090	1.000	185.350
FC59	0.006	5.00	186.350	1200	563508.650	162202.440	1.000	185.350
FC60	0.008	5.00	186.350	1200	563513.370	162199.310	1.000	185.350
FC61	0.008	5.00	186.300	1200	563520.140	162196.100	1.000	185.300
FC62	0.011	5.00	186.250	1200	563526.410	162191.780	1.000	185.250

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
FC63	0.006	5.00	186.400	1200	563539.260	162174.680	1.000	185.400
FC64	0.006	5.00	186.150	1200	563542.370	162183.430	1.000	185.150
FC65	0.008	5.00	186.150	1200	563543.560	162186.870	1.000	185.150
FC66	0.008	5.00	186.000	1200	563546.240	162194.700	1.000	185.000
FC67	0.006	5.00	185.800	1200	563547.410	162198.340	1.000	184.800
FC68	0.006	5.00	185.550	1200	563550.550	162206.870	1.000	184.550
J1	0.017	5.00	189.200	1200	563497.440	162083.880	1.000	188.200
J2			189.150	1200	563499.950	162088.230	1.094	188.056
J3			189.150	1200	563500.470	162089.130	1.100	188.050
J4			189.100	1200	563501.440	162090.820	1.061	188.039
J5			189.000	1200	563503.210	162093.880	1.090	187.910
J6			188.700	1200	563506.040	162098.800	1.050	187.650
J7			188.650	1200	563507.030	162100.500	1.125	187.525
J8			188.650	1200	563507.590	162101.480	1.129	187.521
J9			188.400	1200	563511.820	162108.810	1.125	187.275
J10			188.400	1200	563512.420	162109.850	1.130	187.270
J11			188.350	1200	563513.640	162111.970	1.229	187.121
J12			188.250	1200	563516.210	162118.110	1.441	186.809
J13			188.000	1200	563515.700	162124.560	1.373	186.627
J14			188.000	1200	563515.550	162126.450	1.378	186.622
J15			188.000	1200	563515.400	162128.360	1.383	186.617
J16			187.850	1200	563514.990	162133.470	1.245	186.605
J17			187.750	1200	563514.730	162136.820	1.467	186.283
J18			187.650	1200	563512.330	162143.310	1.525	186.125
J19			187.650	1200	563511.680	162144.650	1.623	186.027
J20			187.250	1200	563475.740	162185.940	1.219	186.031
J21			187.230	1200	563478.450	162183.310	1.221	186.009
J22			187.230	1200	563484.210	162177.740	1.267	185.963
J23			187.230	1200	563486.790	162175.240	1.288	185.942
J24			187.100	1200	563493.500	162168.750	1.283	185.817
J25			187.200	1200	563497.940	162164.450	1.404	185.796
J26			187.200	1200	563501.510	162161.000	1.421	185.779

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
J27			187.500	1200	563508.570	162150.680	1.764	185.736
J28			187.450	1200	563418.570	162182.130	1.094	186.356
J29			187.440	1200	563425.810	162187.180	1.169	186.271
J30			187.400	1200	563434.410	162191.570	1.253	186.147
J31			187.300	1200	563439.090	162193.260	1.256	186.044
J32			187.250	1200	563448.250	162196.580	1.239	186.011
J33			186.660	1200	563461.500	162208.430	1.125	185.535
J34			186.250	1200	563468.440	162220.540	1.125	185.125
J35			186.200	1200	563470.430	162229.340	1.125	185.075
J36			186.000	1200	563471.950	162236.040	1.125	184.875
J37			185.700	1200	563471.800	162247.660	1.200	184.500
J38			185.500	1200	563470.580	162254.980	1.200	184.300
J39			185.630	1200	563466.630	162265.050	1.356	184.274
J40			185.550	1200	563465.290	162268.450	1.285	184.265
J41			185.600	1200	563484.620	162233.660	1.003	184.597
J42			185.650	1200	563489.590	162229.930	1.113	184.537
J43			185.900	1200	563499.370	162221.080	1.520	184.380
J44			185.925	1200	563500.390	162219.840	1.555	184.370
J45			186.000	1200	563505.960	162213.060	1.680	184.320
J46			186.050	1200	563509.430	162209.780	1.828	184.222
J47			186.100	1200	563512.830	162207.290	1.893	184.207
J48			186.100	1200	563516.020	162205.360	1.906	184.194
J49			186.150	1200	563523.050	162202.900	1.981	184.169
J50			186.150	1200	563524.120	162202.520	1.985	184.165
J51			186.125	1200	563528.910	162200.850	1.977	184.148
J52			186.100	1200	563529.980	162200.470	1.956	184.144
J53			186.000	1200	563534.580	162198.860	1.873	184.127
J54			186.200	1200	563540.510	162184.600	1.071	185.129
J55			186.150	1200	563541.700	162188.040	1.056	185.094
J56			185.780	1200	563545.650	162199.480	1.773	184.007
J57			185.500	1200	563548.610	162208.070	1.515	183.985
BASIN 1	0.011	5.00	187.000	1350	563523.750	162157.750	2.075	184.925

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
BASIN 2	0.008	5.00	186.300	1350	563474.350	162205.470	2.000	184.300
BASIN 3	0.035	5.00	185.100	1350	563428.170	162309.150	2.000	183.100
BASIN 4	0.028	5.00	185.330	1200	563554.320	162214.870	2.000	183.330
SWALE 1			186.800	1350	563499.320	162172.160	1.926	184.874
SWALE 2			185.650	1350	563478.800	162243.660	1.275	184.375
SWALE 3			185.270	1350	563457.440	162277.370	1.275	183.995
BH1			186.300	1200	563480.960	162227.890	2.223	184.077
BH2			185.100	1350	563419.880	162301.140	2.017	183.083
BH3			185.330	1200	563557.780	162217.840	2.011	183.319

Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	S1	J1	8.207	0.600	188.370	188.200	0.170	48.3	100	5.12	48.7
1.001	J1	J2	5.022	0.600	188.200	188.106	0.094	53.4	100	5.20	48.4
1.002	J2	J3	1.039	0.600	188.056	188.050	0.006	173.2	150	5.23	48.3
1.003	J3	J4	1.949	0.600	188.050	188.039	0.011	177.1	150	5.27	48.2
1.004	J4	J5	3.535	0.600	188.039	187.910	0.129	27.4	150	5.30	48.1
1.005	J5	J6	5.676	0.600	187.910	187.650	0.260	21.8	150	5.34	47.9
1.006	J6	J7	1.967	0.600	187.650	187.600	0.050	39.3	150	5.36	47.8

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	1.112	8.7	3.0	0.900	0.900	0.017	0.0	40	1.006
1.001	1.056	8.3	7.4	0.900	0.944	0.042	0.0	73	1.191
1.002	0.760	13.4	8.7	0.944	0.950	0.050	0.0	88	0.809
1.003	0.752	13.3	10.6	0.950	0.911	0.061	0.0	102	0.834
1.004	1.931	34.1	11.6	0.911	0.940	0.067	0.0	60	1.746
1.005	2.165	38.3	13.0	0.940	0.900	0.075	0.0	60	1.958
1.006	1.609	28.4	14.0	0.900	0.900	0.081	0.0	74	1.601

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.007	J7	J8	1.129	0.600	187.525	187.521	0.004	282.2	225	5.39	47.7
1.008	J8	J9	8.463	0.600	187.521	187.275	0.246	34.4	225	5.45	47.5
1.009	J9	J10	1.201	0.600	187.275	187.270	0.005	240.1	225	5.47	47.4
1.010	J10	J11	2.446	0.600	187.270	187.121	0.149	16.4	225	5.49	47.4
1.011	J11	S2	5.367	0.600	187.121	187.039	0.082	65.5	225	5.54	47.2
1.012	S2	J12	1.494	0.600	187.039	187.034	0.005	298.8	225	5.58	47.0
1.013	J12	J13	6.470	0.600	186.809	186.702	0.107	60.5	225	5.64	46.8
1.014	J13	J14	1.896	0.600	186.627	186.622	0.005	379.2	300	5.68	46.6
1.015	J14	J15	1.916	0.600	186.622	186.617	0.005	383.2	300	5.72	46.5
1.016	J15	J16	5.126	0.600	186.617	186.605	0.012	427.2	300	5.83	46.1
1.017	J16	J17	3.360	0.600	186.605	186.550	0.055	61.1	300	5.86	46.0
1.018	J17	S3	1.886	0.600	186.283	186.137	0.146	12.9	300	5.87	45.9
1.019	S3	J18	5.130	0.600	186.137	186.125	0.012	427.5	300	5.98	45.5
1.020	J18	J19	1.489	0.600	186.125	186.027	0.098	15.2	300	5.99	45.5

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.007	0.773	30.7	15.0	0.900	0.904	0.087	0.0	111	0.769
1.008	2.238	89.0	16.3	0.904	0.900	0.095	0.0	65	1.709
1.009	0.839	33.4	17.3	0.900	0.905	0.101	0.0	115	0.846
1.010	3.245	129.0	19.2	0.905	1.004	0.112	0.0	58	2.348
1.011	1.619	64.4	20.4	1.004	1.011	0.120	0.0	87	1.438
1.012	0.751	29.9	28.0	1.011	0.991	0.165	0.0	174	0.851
1.013	1.685	67.0	29.3	1.216	1.073	0.173	0.0	104	1.631
1.014	0.801	56.6	30.5	1.073	1.078	0.181	0.0	157	0.815
1.015	0.797	56.3	31.4	1.078	1.083	0.187	0.0	160	0.818
1.016	0.754	53.3	32.1	1.083	0.945	0.193	0.0	168	0.788
1.017	2.015	142.4	33.0	0.945	0.900	0.199	0.0	98	1.652
1.018	4.397	310.8	34.0	1.167	1.313	0.205	0.0	67	2.920
1.019	0.754	53.3	37.7	1.313	1.225	0.229	0.0	187	0.816
1.020	4.053	286.5	38.9	1.225	1.323	0.237	0.0	74	2.861

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.021	J19	S4	4.396	0.600	186.027	186.016	0.011	399.7	300	6.08	45.2
1.022	S4	BASIN 1	16.725	0.600	185.378	185.000	0.378	44.2	300	6.43	44.1
1.023	BASIN 1	S5	8.539	0.600	184.925	184.910	0.015	569.3	375	6.62	43.5
1.024	S5	SWALE 1	20.305	0.600	184.910	184.874	0.036	564.0	375	7.07	42.1
1.025	SWALE 1	S6	37.707	0.600	184.874	184.808	0.066	571.3	375	7.91	39.8
1.026	S6	BASIN 2	5.733	0.600	184.808	184.797	0.011	521.2	375	8.03	39.5
1.027	BASIN 2	S7	21.741	0.600	184.797	184.759	0.038	572.1	375	8.51	38.4
1.028	S7	SWALE 2	16.710	0.600	184.759	184.375	0.384	43.5	375	8.61	38.2
1.029	SWALE 2	S8	25.734	0.600	184.375	184.330	0.045	571.9	375	9.18	36.9
1.030	S8	S9	12.015	0.600	184.330	184.125	0.205	58.6	375	9.27	36.8
1.031	S9	S10	6.684	0.600	184.125	184.113	0.012	557.0	375	9.41	36.5
1.032	S10	SWALE 3	4.360	0.600	184.113	183.995	0.118	36.9	375	9.44	36.4
1.033	SWALE 3	BASIN 3	43.205	0.600	183.995	183.825	0.170	254.1	375	10.07	35.2

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.021	0.780	55.1	40.0	1.323	1.184	0.245	0.0	190	0.848
1.022	2.370	167.5	62.7	1.822	1.700	0.394	0.0	127	2.204
1.023	0.752	83.1	63.6	1.700	1.715	0.405	0.0	246	0.826
1.024	0.756	83.5	61.6	1.715	1.551	0.405	0.0	241	0.824
1.025	0.751	82.9	58.3	1.551	1.667	0.405	0.0	233	0.811
1.026	0.787	86.9	57.9	1.667	1.128	0.405	0.0	224	0.840
1.027	0.750	82.9	57.3	1.128	1.166	0.413	0.0	230	0.807
1.028	2.753	304.0	57.0	1.166	0.900	0.413	0.0	109	2.131
1.029	0.750	82.9	55.1	0.900	0.925	0.413	0.0	224	0.801
1.030	2.370	261.8	54.9	0.925	0.900	0.413	0.0	116	1.892
1.031	0.761	84.0	54.4	0.900	0.912	0.413	0.0	220	0.807
1.032	2.989	330.1	90.8	0.912	0.900	0.690	0.0	134	2.563
1.033	1.132	125.0	87.7	0.900	0.900	0.690	0.0	232	1.221

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
32.000	S11	J28	4.533	0.600	186.400	186.356	0.044	103.0	100	5.10	48.8
32.001	J28	J29	8.827	0.600	186.356	186.271	0.085	103.8	100	5.29	48.1
32.002	J29	S12	4.655	0.600	186.271	186.226	0.045	103.4	100	5.40	47.7
32.003	S12	J30	5.083	0.600	186.176	186.147	0.029	175.3	150	5.51	47.3
32.004	J30	J31	4.976	0.600	186.147	186.119	0.028	177.7	150	5.62	46.9
32.005	J31	J32	9.743	0.600	186.044	186.011	0.033	295.2	225	5.84	46.0
32.006	J32	S13	5.299	0.600	186.011	185.993	0.018	294.4	225	5.95	45.6
32.007	S13	J33	13.007	0.600	185.993	185.535	0.458	28.4	225	6.04	45.3
32.008	J33	S14	9.078	0.600	185.535	185.175	0.360	25.2	225	6.10	45.1
32.009	S14	J34	5.240	0.600	185.175	185.125	0.050	104.8	225	6.17	44.9
32.010	J34	J35	9.022	0.600	185.125	185.075	0.050	180.4	225	6.32	44.4
32.011	J35	J36	6.870	0.600	185.075	184.875	0.200	34.4	225	6.37	44.2
32.012	J36	S15	2.370	0.600	184.875	184.867	0.008	296.3	225	6.42	44.1
32.013	S15	J37	9.335	0.600	184.867	184.575	0.292	32.0	225	6.49	43.9

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
32.000	0.757	5.9	3.9	0.900	0.994	0.022	0.0	59	0.807
32.001	0.754	5.9	4.9	0.994	1.069	0.028	0.0	69	0.842
32.002	0.756	5.9	5.9	1.069	1.114	0.034	0.0	81	0.861
32.003	0.756	13.4	10.9	1.114	1.103	0.064	0.0	103	0.842
32.004	0.751	13.3	12.2	1.103	1.031	0.072	0.0	113	0.850
32.005	0.756	30.0	13.3	1.031	1.014	0.080	0.0	105	0.734
32.006	0.757	30.1	14.5	1.014	0.982	0.088	0.0	110	0.751
32.007	2.464	98.0	18.0	0.982	0.900	0.110	0.0	65	1.896
32.008	2.616	104.0	19.7	0.900	0.900	0.121	0.0	66	2.028
32.009	1.277	50.8	23.7	0.900	0.900	0.146	0.0	108	1.253
32.010	0.970	38.6	24.4	0.900	0.900	0.152	0.0	130	1.024
32.011	2.239	89.0	25.3	0.900	0.900	0.158	0.0	82	1.939
32.012	0.754	30.0	26.4	0.900	0.908	0.166	0.0	165	0.849
32.013	2.322	92.3	30.3	0.908	0.900	0.191	0.0	88	2.083

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
32.014	J37	S16	5.184	0.600	184.500	184.487	0.013	398.8	300	6.60	43.5
32.015	S16	J38	2.308	0.600	184.487	184.300	0.187	12.3	300	6.61	43.5
32.016	J38	J39	10.817	0.600	184.300	184.274	0.026	416.0	300	6.85	42.7
32.017	J39	J40	3.655	0.600	184.274	184.265	0.009	406.1	300	6.93	42.5
32.018	J40	S10	9.569	0.600	184.265	184.188	0.077	124.3	300	7.04	42.2
23.001	S17	J20	7.157	0.600	186.150	186.081	0.069	103.7	100	5.20	48.4
23.002	J20	J21	3.776	0.600	186.031	186.009	0.022	171.7	150	5.28	48.1
23.003	J21	J22	8.013	0.600	186.009	185.963	0.046	174.2	150	5.46	47.5
23.004	J22	J23	3.593	0.600	185.963	185.942	0.021	171.1	150	5.54	47.2
23.005	J23	S18	7.503	0.600	185.942	185.899	0.043	174.5	150	5.70	46.6
23.006	S18	J24	1.832	0.600	185.824	185.817	0.007	261.7	225	5.74	46.4
23.007	J24	J25	6.181	0.600	185.817	185.796	0.021	294.3	225	5.87	45.9
23.008	J25	J26	4.965	0.600	185.796	185.779	0.017	292.0	225	5.98	45.5

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
32.014	0.781	55.2	31.3	0.900	0.973	0.199	0.0	162	0.805
32.015	4.498	318.0	35.2	0.973	0.900	0.224	0.0	67	3.003
32.016	0.764	54.0	35.8	0.900	1.056	0.232	0.0	179	0.816
32.017	0.774	54.7	36.9	1.056	0.985	0.240	0.0	181	0.829
32.018	1.409	99.6	37.5	0.985	0.912	0.246	0.0	127	1.313
23.001	0.755	5.9	5.1	0.900	1.069	0.029	0.0	71	0.848
23.002	0.764	13.5	6.1	1.069	1.071	0.035	0.0	71	0.744
23.003	0.758	13.4	7.4	1.071	1.117	0.043	0.0	79	0.776
23.004	0.765	13.5	8.7	1.117	1.138	0.051	0.0	88	0.812
23.005	0.758	13.4	9.6	1.138	1.101	0.057	0.0	94	0.823
23.006	0.803	31.9	13.4	1.101	1.058	0.080	0.0	102	0.769
23.007	0.757	30.1	14.3	1.058	1.179	0.086	0.0	109	0.748
23.008	0.760	30.2	15.5	1.179	1.196	0.094	0.0	114	0.763

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
23.009	J26	S19	3.706	0.600	185.779	185.766	0.013	285.1	225	6.06	45.2
23.010	S19	J27	8.903	0.600	185.766	185.736	0.030	296.8	225	6.26	44.6
23.011	J27	S4	2.391	0.600	185.736	185.728	0.008	298.9	225	6.31	44.4
48.001	S20	J41	4.628	0.600	184.642	184.597	0.045	102.8	100	5.23	48.3
48.002	J41	J42	6.214	0.600	184.597	184.537	0.060	103.6	100	5.37	47.8
48.003	J42	S21	8.178	0.600	184.537	184.459	0.078	104.8	100	5.55	47.1
48.004	S21	J43	5.101	0.600	184.409	184.380	0.029	175.9	150	5.67	46.7
48.005	J43	J44	1.606	0.600	184.380	184.370	0.010	160.6	150	5.70	46.6
48.006	J44	J45	8.775	0.600	184.370	184.320	0.050	175.5	150	5.89	45.8
48.007	J45	S22	2.380	0.600	184.320	184.306	0.014	170.0	150	5.94	45.6
48.008	S22	J46	2.432	0.600	184.231	184.222	0.009	270.2	225	6.00	45.4
48.009	J46	J47	4.214	0.600	184.222	184.207	0.015	281.0	225	6.09	45.1
48.010	J47	S23	2.640	0.600	184.207	184.198	0.009	293.4	225	6.14	45.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
23.009	0.769	30.6	16.7	1.196	1.259	0.102	0.0	118	0.785
23.010	0.754	30.0	20.1	1.259	1.539	0.125	0.0	135	0.806
23.011	0.751	29.9	21.4	1.539	1.547	0.133	0.0	141	0.815
48.001	0.758	6.0	1.9	1.038	0.903	0.011	0.0	39	0.679
48.002	0.755	5.9	1.9	0.903	1.013	0.011	0.0	39	0.670
48.003	0.750	5.9	3.2	1.013	1.381	0.019	0.0	53	0.767
48.004	0.754	13.3	7.1	1.381	1.370	0.042	0.0	78	0.765
48.005	0.790	14.0	8.4	1.370	1.405	0.050	0.0	84	0.827
48.006	0.755	13.3	9.3	1.405	1.530	0.056	0.0	92	0.816
48.007	0.768	13.6	10.2	1.530	1.594	0.062	0.0	98	0.843
48.008	0.790	31.4	14.0	1.594	1.603	0.085	0.0	105	0.768
48.009	0.775	30.8	14.8	1.603	1.668	0.091	0.0	110	0.769
48.010	0.758	30.1	15.8	1.668	1.677	0.097	0.0	116	0.766

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Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
48.011	S23	J48	1.123	0.600	184.198	184.194	0.004	280.7	225	6.17	44.9
48.012	J48	J49	7.448	0.600	184.194	184.169	0.025	297.9	225	6.33	44.4
48.013	J49	J50	1.135	0.600	184.169	184.165	0.004	283.9	225	6.36	44.3
48.014	J50	J51	5.073	0.600	184.165	184.148	0.017	298.4	225	6.47	43.9
48.015	J51	J52	1.135	0.600	184.148	184.144	0.004	283.9	225	6.50	43.9
48.016	J52	J53	4.874	0.600	184.144	184.127	0.017	286.7	225	6.60	43.5
48.017	J53	S24	10.256	0.600	184.127	184.092	0.035	293.0	225	6.83	42.8
48.018	S24	J56	4.244	0.600	184.017	184.007	0.010	424.4	300	6.92	42.5
48.019	J56	J57	9.086	0.600	184.007	183.985	0.022	413.0	300	7.12	41.9
48.020	J57	S25	6.116	0.600	183.985	183.970	0.015	407.7	300	7.25	41.6
48.021	S25	BASIN 4	3.848	0.600	183.970	183.961	0.009	427.5	300	7.33	41.4
65.001	S26	J54	8.523	0.600	185.377	185.129	0.248	34.4	100	5.16	48.6
65.002	J54	J55	3.640	0.600	185.129	185.094	0.035	104.0	100	5.24	48.3

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
48.011	0.775	30.8	19.5	1.677	1.681	0.120	0.0	130	0.818
48.012	0.752	29.9	20.5	1.681	1.756	0.128	0.0	137	0.808
48.013	0.771	30.6	21.8	1.756	1.760	0.136	0.0	140	0.835
48.014	0.752	29.9	22.9	1.760	1.752	0.144	0.0	148	0.827
48.015	0.771	30.6	23.8	1.752	1.731	0.150	0.0	149	0.849
48.016	0.767	30.5	25.3	1.731	1.648	0.161	0.0	157	0.855
48.017	0.758	30.2	25.8	1.648	1.653	0.167	0.0	160	0.849
48.018	0.757	53.5	35.5	1.653	1.473	0.231	0.0	179	0.808
48.019	0.767	54.2	35.9	1.473	1.215	0.237	0.0	178	0.818
48.020	0.772	54.6	36.5	1.215	1.130	0.243	0.0	180	0.825
48.021	0.754	53.3	39.0	1.130	1.069	0.261	0.0	191	0.821
65.001	1.320	10.4	4.2	0.943	0.971	0.024	0.0	44	1.249
65.002	0.754	5.9	5.2	0.971	0.956	0.030	0.0	73	0.850

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Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
65.003	J55	S24	7.859	0.600	185.094	184.970	0.124	63.4	100	5.38	47.8
2.000	FC1	J1	4.759	0.600	188.250	188.200	0.050	95.2	100	5.10	48.8
3.000	FC2	J2	4.536	0.600	188.150	188.106	0.044	103.1	100	5.10	48.8
4.000	FC3	J3	9.375	0.600	188.200	188.100	0.100	93.8	100	5.20	48.5
5.000	FC4	J4	7.350	0.600	188.200	188.089	0.111	66.2	100	5.13	48.7
6.000	FC5	J5	4.149	0.600	188.000	187.960	0.040	103.7	100	5.09	48.9
7.000	FC6	J6	7.336	0.600	187.850	187.700	0.150	48.9	100	5.11	48.8
8.000	FC7	J7	7.271	0.600	187.750	187.650	0.100	72.7	100	5.13	48.7
9.000	FC8	J8	4.185	0.600	187.750	187.646	0.104	40.2	100	5.06	49.0
10.000	FC9	J9	7.225	0.600	187.470	187.400	0.070	103.2	100	5.16	48.6
11.000	FC10	J10	6.240	0.600	187.470	187.395	0.075	83.2	100	5.12	48.7
12.000	FC11	J11	7.746	0.600	187.320	187.246	0.074	104.7	100	5.17	48.6
13.000	FC12	S2	6.888	0.600	187.230	187.164	0.066	104.4	100	5.15	48.6

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
65.003	0.969	7.6	6.6	0.956	0.900	0.038	0.0	71	1.088
2.000	0.788	6.2	1.4	0.900	0.900	0.008	0.0	32	0.637
3.000	0.757	5.9	1.4	0.900	0.944	0.008	0.0	33	0.620
4.000	0.794	6.2	1.9	0.900	0.950	0.011	0.0	38	0.697
5.000	0.947	7.4	1.1	0.900	0.911	0.006	0.0	25	0.668
6.000	0.755	5.9	1.4	0.900	0.940	0.008	0.0	33	0.618
7.000	1.104	8.7	1.1	0.900	0.900	0.006	0.0	24	0.750
8.000	0.904	7.1	1.1	0.900	0.900	0.006	0.0	26	0.648
9.000	1.219	9.6	1.4	0.900	0.904	0.008	0.0	26	0.875
10.000	0.756	5.9	1.1	0.900	0.900	0.006	0.0	29	0.569
11.000	0.844	6.6	1.9	0.900	0.905	0.011	0.0	37	0.733
12.000	0.751	5.9	1.4	0.900	1.004	0.008	0.0	33	0.615
13.000	0.752	5.9	1.4	0.900	1.011	0.008	0.0	33	0.616

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
14.000	FC13	J12	6.840	0.600	187.000	186.934	0.066	103.6	100	5.15	48.6
15.000	FC14	J13	7.561	0.600	186.900	186.827	0.073	103.6	100	5.17	48.6
16.000	FC15	J14	4.680	0.600	187.200	186.822	0.378	12.4	100	5.04	49.1
17.000	FC16	J15	7.601	0.600	186.900	186.817	0.083	91.6	100	5.16	48.6
18.000	FC17	J16	4.821	0.600	187.000	186.805	0.195	24.7	100	5.05	49.0
19.000	FC18	J17	7.010	0.600	186.550	186.483	0.067	104.6	100	5.16	48.6
20.000	FC19	S3	6.609	0.600	186.400	186.337	0.063	104.9	100	5.15	48.6
21.000	FC20	J18	4.329	0.600	186.950	186.650	0.300	14.4	100	5.04	49.1
22.000	FC21	J19	7.651	0.600	186.300	186.227	0.073	104.8	100	5.17	48.6
23.000	FC22	S17	4.771	0.600	186.450	186.150	0.300	15.9	100	5.04	49.0
24.000	FC23	J20	4.588	0.600	186.300	186.081	0.219	20.9	100	5.05	49.0
25.000	FC24	J21	4.644	0.600	186.300	186.059	0.241	19.3	100	5.04	49.0
26.000	FC25	J22	4.735	0.600	186.550	186.230	0.320	14.8	100	5.04	49.1
27.000	FC26	J23	4.616	0.600	186.450	186.230	0.220	21.0	100	5.05	49.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
14.000	0.755	5.9	1.4	0.900	1.216	0.008	0.0	33	0.618
15.000	0.755	5.9	1.4	0.900	1.073	0.008	0.0	33	0.618
16.000	2.208	17.3	1.1	0.900	1.078	0.006	0.0	17	1.216
17.000	0.804	6.3	1.1	0.900	1.083	0.006	0.0	28	0.596
18.000	1.559	12.2	1.1	0.900	0.945	0.006	0.0	20	0.952
19.000	0.751	5.9	1.1	0.900	1.167	0.006	0.0	29	0.565
20.000	0.750	5.9	1.4	0.900	1.313	0.008	0.0	33	0.614
21.000	2.044	16.1	1.4	0.900	0.900	0.008	0.0	20	1.251
22.000	0.751	5.9	1.4	0.900	1.323	0.008	0.0	33	0.615
23.000	1.946	15.3	1.1	0.900	0.900	0.006	0.0	18	1.102
24.000	1.694	13.3	1.1	0.900	1.069	0.006	0.0	19	1.011
25.000	1.767	13.9	1.4	0.900	1.071	0.008	0.0	21	1.131
26.000	2.018	15.9	1.4	0.900	0.900	0.008	0.0	20	1.235
27.000	1.693	13.3	1.1	0.900	0.900	0.006	0.0	19	1.010

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Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
28.000	FC27	J24	4.497	0.600	186.500	185.942	0.558	8.1	100	5.03	49.1
29.000	FC28	J25	4.356	0.600	186.500	186.200	0.300	14.5	100	5.04	49.1
30.000	FC29	J26	4.721	0.600	186.500	186.200	0.300	15.7	100	5.04	49.0
31.000	FC30	J27	4.404	0.600	186.750	186.500	0.250	17.6	100	5.04	49.0
33.000	FC31	J28	4.250	0.600	186.450	186.356	0.094	45.2	100	5.06	49.0
34.000	FC32	J29	4.159	0.600	186.450	186.271	0.179	23.2	100	5.04	49.0
35.000	FC33	S12	4.130	0.600	186.450	186.226	0.224	18.4	100	5.04	49.1
36.000	FC34	J30	4.772	0.600	186.450	186.400	0.050	95.4	100	5.10	48.8
37.000	FC35	J31	5.130	0.600	186.450	186.169	0.281	18.3	100	5.05	49.0
38.000	FC36	J32	5.014	0.600	186.450	186.136	0.314	16.0	100	5.04	49.0
39.000	FC37	J33	6.567	0.600	185.800	185.660	0.140	46.9	100	5.10	48.8
40.000	FC38	J34	4.712	0.600	185.450	185.250	0.200	23.6	100	5.05	49.0
41.000	FC39	J35	4.437	0.600	185.450	185.200	0.250	17.7	100	5.04	49.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
28.000	2.740	21.5	1.1	0.900	1.058	0.006	0.0	15	1.420
29.000	2.038	16.0	1.4	0.900	0.900	0.008	0.0	20	1.247
30.000	1.957	15.4	1.4	0.900	0.900	0.008	0.0	21	1.225
31.000	1.849	14.5	1.4	0.900	0.900	0.008	0.0	21	1.184
33.000	1.149	9.0	1.1	0.900	0.994	0.006	0.0	23	0.766
34.000	1.608	12.6	1.1	0.900	1.069	0.006	0.0	20	0.983
35.000	1.807	14.2	1.4	0.900	1.114	0.008	0.0	21	1.156
36.000	0.787	6.2	1.4	0.900	0.900	0.008	0.0	32	0.636
37.000	1.816	14.3	1.4	0.900	1.031	0.008	0.0	21	1.162
38.000	1.942	15.3	1.4	0.900	1.014	0.008	0.0	21	1.216
39.000	1.128	8.9	1.9	0.900	0.900	0.011	0.0	32	0.901
40.000	1.597	12.5	1.1	0.900	0.900	0.006	0.0	20	0.976
41.000	1.842	14.5	1.1	0.900	0.900	0.006	0.0	18	1.071

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42.000	FC40	J36	5.069	0.600	185.500	185.000	0.500	10.1	100	5.03	49.1
43.000	FC41	J37	5.034	0.600	184.850	184.700	0.150	33.6	100	5.06	49.0
44.000	FC42	J38	4.938	0.600	184.600	184.500	0.100	49.4	100	5.07	48.9
45.000	FC43	J39	4.335	0.600	184.600	184.474	0.126	34.4	100	5.05	49.0
46.000	FC44	J40	4.393	0.600	184.600	184.465	0.135	32.5	100	5.05	49.0
47.000	FC45	S10	4.611	0.600	184.600	184.388	0.212	21.7	100	5.05	49.0
48.000	FC46	S20	6.002	0.600	184.700	184.642	0.058	103.5	100	5.13	48.7
49.000	FC47	J41	5.288	0.600	184.750	184.597	0.153	34.6	100	5.07	48.9
50.000	FC48	J42	4.997	0.600	184.800	184.537	0.263	19.0	100	5.05	49.0
51.000	FC49	S21	4.364	0.600	184.800	184.758	0.042	103.9	100	5.10	48.8
52.000	FC50	J43	4.681	0.600	184.800	184.755	0.045	104.0	100	5.10	48.8
55.000	FC51	S22	6.150	0.600	184.850	184.791	0.059	104.2	100	5.14	48.7
58.000	FC52	S23	5.454	0.600	185.250	185.100	0.150	36.4	100	5.07	48.9

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
42.000	2.441	19.2	1.4	0.900	0.900	0.008	0.0	18	1.421
43.000	1.336	10.5	1.4	0.900	0.900	0.008	0.0	25	0.926
44.000	1.099	8.6	1.4	0.900	0.900	0.008	0.0	28	0.816
45.000	1.319	10.4	1.4	0.900	1.056	0.008	0.0	25	0.914
46.000	1.357	10.7	1.1	0.900	0.985	0.006	0.0	21	0.867
47.000	1.663	13.1	1.1	0.900	0.912	0.006	0.0	19	0.992
48.000	0.755	5.9	1.9	0.900	1.038	0.011	0.0	39	0.677
49.000	1.316	10.3	0.0	0.900	0.903	0.000	0.0	0	0.000
50.000	1.780	14.0	1.4	0.900	1.013	0.008	0.0	21	1.139
51.000	0.754	5.9	1.4	0.900	1.082	0.008	0.0	33	0.617
52.000	0.753	5.9	1.4	0.900	1.045	0.008	0.0	33	0.617
55.000	0.753	5.9	1.4	0.900	1.159	0.008	0.0	33	0.616
58.000	1.283	10.1	1.4	0.900	0.900	0.008	0.0	25	0.905

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Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
61.000	FC53	J50	4.272	0.600	185.250	185.150	0.100	42.7	100	5.06	49.0
62.000	FC54	J51	3.980	0.600	185.250	185.125	0.125	31.8	100	5.05	49.0
64.000	FC55	J53	4.156	0.600	185.250	185.000	0.250	16.6	100	5.04	49.1
53.000	FC56	J44	6.583	0.600	185.350	184.925	0.425	15.5	100	5.06	49.0
54.000	FC57	J45	6.483	0.600	185.350	185.000	0.350	18.5	100	5.06	49.0
56.000	FC58	J46	6.203	0.600	185.350	185.050	0.300	20.7	100	5.06	49.0
57.000	FC59	J47	6.403	0.600	185.350	185.100	0.250	25.6	100	5.07	48.9
59.000	FC60	J48	6.605	0.600	185.350	185.100	0.250	26.4	100	5.07	48.9
60.000	FC61	J49	7.396	0.600	185.300	185.150	0.150	49.3	100	5.11	48.8
63.000	FC62	J52	9.395	0.600	185.250	185.100	0.150	62.6	100	5.16	48.6
65.000	FC63	S26	2.402	0.600	185.400	185.377	0.023	104.4	100	5.05	49.0
66.000	FC64	J54	2.197	0.600	185.150	185.129	0.021	104.6	100	5.05	49.0
67.000	FC65	J55	2.197	0.600	185.150	185.094	0.056	39.2	100	5.03	49.1
68.000	FC66	S24	2.124	0.600	185.000	184.970	0.030	70.8	100	5.04	49.1

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
61.000	1.183	9.3	1.4	0.900	0.900	0.008	0.0	26	0.849
62.000	1.372	10.8	1.1	0.900	0.900	0.006	0.0	21	0.877
64.000	1.903	14.9	1.1	0.900	0.900	0.006	0.0	18	1.107
53.000	1.972	15.5	1.1	0.900	0.900	0.006	0.0	18	1.117
54.000	1.803	14.2	1.1	0.900	0.900	0.006	0.0	18	1.048
56.000	1.705	13.4	1.1	0.900	0.900	0.006	0.0	19	1.017
57.000	1.531	12.0	1.1	0.900	0.900	0.006	0.0	20	0.936
59.000	1.507	11.8	1.4	0.900	0.900	0.008	0.0	23	1.005
60.000	1.100	8.6	1.4	0.900	0.900	0.008	0.0	28	0.816
63.000	0.975	7.7	1.9	0.900	0.900	0.011	0.0	34	0.809
65.000	0.752	5.9	1.1	0.900	0.943	0.006	0.0	29	0.566
66.000	0.751	5.9	1.1	0.900	0.971	0.006	0.0	29	0.565
67.000	1.235	9.7	1.4	0.900	0.956	0.008	0.0	26	0.886
68.000	0.916	7.2	1.4	0.900	0.900	0.008	0.0	30	0.711

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
69.000	FC67	J56	2.097	0.600	184.800	184.780	0.020	104.8	100	5.05	49.0
70.000	FC68	J57	2.281	0.600	184.550	184.500	0.050	45.6	100	5.03	49.1
71.000	BASIN 2	BH1	23.374	0.600	184.300	184.077	0.223	104.8	100	5.52	47.2
1.034	BASIN 3	BH2	11.528	0.600	183.100	183.083	0.017	678.1	450	10.32	34.7
48.022	BASIN 4	BH3	4.560	0.600	183.330	183.319	0.011	414.5	300	7.43	41.1

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
69.000	0.750	5.9	1.1	0.900	0.900	0.006	0.0	29	0.565
70.000	1.144	9.0	1.1	0.900	0.900	0.006	0.0	23	0.762
71.000	0.751	5.9	0.0	1.900	2.123	0.000	0.0	0	0.000
1.034	0.773	122.9	91.0	1.550	1.567	0.725	0.0	289	0.843
48.022	0.766	54.1	42.9	1.700	1.711	0.289	0.0	202	0.847

Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	8.207	48.3	100	Circular	189.370	188.370	0.900	189.200	188.200	0.900
1.001	5.022	53.4	100	Circular	189.200	188.200	0.900	189.150	188.106	0.944
1.002	1.039	173.2	150	Circular	189.150	188.056	0.944	189.150	188.050	0.950
1.003	1.949	177.1	150	Circular	189.150	188.050	0.950	189.100	188.039	0.911

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	S1	1200	Manhole	Adoptable	J1	1200	Manhole	Adoptable
1.001	J1	1200	Manhole	Adoptable	J2	1200	Manhole	Adoptable
1.002	J2	1200	Manhole	Adoptable	J3	1200	Manhole	Adoptable
1.003	J3	1200	Manhole	Adoptable	J4	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.004	3.535	27.4	150	Circular	189.100	188.039	0.911	189.000	187.910	0.940
1.005	5.676	21.8	150	Circular	189.000	187.910	0.940	188.700	187.650	0.900
1.006	1.967	39.3	150	Circular	188.700	187.650	0.900	188.650	187.600	0.900
1.007	1.129	282.2	225	Circular	188.650	187.525	0.900	188.650	187.521	0.904
1.008	8.463	34.4	225	Circular	188.650	187.521	0.904	188.400	187.275	0.900
1.009	1.201	240.1	225	Circular	188.400	187.275	0.900	188.400	187.270	0.905
1.010	2.446	16.4	225	Circular	188.400	187.270	0.905	188.350	187.121	1.004
1.011	5.367	65.5	225	Circular	188.350	187.121	1.004	188.275	187.039	1.011
1.012	1.494	298.8	225	Circular	188.275	187.039	1.011	188.250	187.034	0.991
1.013	6.470	60.5	225	Circular	188.250	186.809	1.216	188.000	186.702	1.073
1.014	1.896	379.2	300	Circular	188.000	186.627	1.073	188.000	186.622	1.078
1.015	1.916	383.2	300	Circular	188.000	186.622	1.078	188.000	186.617	1.083
1.016	5.126	427.2	300	Circular	188.000	186.617	1.083	187.850	186.605	0.945
1.017	3.360	61.1	300	Circular	187.850	186.605	0.945	187.750	186.550	0.900
1.018	1.886	12.9	300	Circular	187.750	186.283	1.167	187.750	186.137	1.313

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.004	J4	1200	Manhole	Adoptable	J5	1200	Manhole	Adoptable
1.005	J5	1200	Manhole	Adoptable	J6	1200	Manhole	Adoptable
1.006	J6	1200	Manhole	Adoptable	J7	1200	Manhole	Adoptable
1.007	J7	1200	Manhole	Adoptable	J8	1200	Manhole	Adoptable
1.008	J8	1200	Manhole	Adoptable	J9	1200	Manhole	Adoptable
1.009	J9	1200	Manhole	Adoptable	J10	1200	Manhole	Adoptable
1.010	J10	1200	Manhole	Adoptable	J11	1200	Manhole	Adoptable
1.011	J11	1200	Manhole	Adoptable	S2	1200	Manhole	Adoptable
1.012	S2	1200	Manhole	Adoptable	J12	1200	Manhole	Adoptable
1.013	J12	1200	Manhole	Adoptable	J13	1200	Manhole	Adoptable
1.014	J13	1200	Manhole	Adoptable	J14	1200	Manhole	Adoptable
1.015	J14	1200	Manhole	Adoptable	J15	1200	Manhole	Adoptable
1.016	J15	1200	Manhole	Adoptable	J16	1200	Manhole	Adoptable
1.017	J16	1200	Manhole	Adoptable	J17	1200	Manhole	Adoptable
1.018	J17	1200	Manhole	Adoptable	S3	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.019	5.130	427.5	300	Circular	187.750	186.137	1.313	187.650	186.125	1.225
1.020	1.489	15.2	300	Circular	187.650	186.125	1.225	187.650	186.027	1.323
1.021	4.396	399.7	300	Circular	187.650	186.027	1.323	187.500	186.016	1.184
1.022	16.725	44.2	300	Circular	187.500	185.378	1.822	187.000	185.000	1.700
1.023	8.539	569.3	375	Circular	187.000	184.925	1.700	187.000	184.910	1.715
1.024	20.305	564.0	375	Circular	187.000	184.910	1.715	186.800	184.874	1.551
1.025	37.707	571.3	375	Circular	186.800	184.874	1.551	186.850	184.808	1.667
1.026	5.733	521.2	375	Circular	186.850	184.808	1.667	186.300	184.797	1.128
1.027	21.741	572.1	375	Circular	186.300	184.797	1.128	186.300	184.759	1.166
1.028	16.710	43.5	375	Circular	186.300	184.759	1.166	185.650	184.375	0.900
1.029	25.734	571.9	375	Circular	185.650	184.375	0.900	185.630	184.330	0.925
1.030	12.015	58.6	375	Circular	185.630	184.330	0.925	185.400	184.125	0.900
1.031	6.684	557.0	375	Circular	185.400	184.125	0.900	185.400	184.113	0.912
1.032	4.360	36.9	375	Circular	185.400	184.113	0.912	185.270	183.995	0.900
1.033	43.205	254.1	375	Circular	185.270	183.995	0.900	185.100	183.825	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.019	S3	1200	Manhole	Adoptable	J18	1200	Manhole	Adoptable
1.020	J18	1200	Manhole	Adoptable	J19	1200	Manhole	Adoptable
1.021	J19	1200	Manhole	Adoptable	S4	1200	Manhole	Adoptable
1.022	S4	1200	Manhole	Adoptable	BASIN 1	1350	Manhole	Adoptable
1.023	BASIN 1	1350	Manhole	Adoptable	S5	1350	Manhole	Adoptable
1.024	S5	1350	Manhole	Adoptable	SWALE 1	1350	Manhole	Adoptable
1.025	SWALE 1	1350	Manhole	Adoptable	S6	1350	Manhole	Adoptable
1.026	S6	1350	Manhole	Adoptable	BASIN 2	1350	Manhole	Adoptable
1.027	BASIN 2	1350	Manhole	Adoptable	S7	1350	Manhole	Adoptable
1.028	S7	1350	Manhole	Adoptable	SWALE 2	1350	Manhole	Adoptable
1.029	SWALE 2	1350	Manhole	Adoptable	S8	1350	Manhole	Adoptable
1.030	S8	1350	Manhole	Adoptable	S9	1350	Manhole	Adoptable
1.031	S9	1350	Manhole	Adoptable	S10	1350	Manhole	Adoptable
1.032	S10	1350	Manhole	Adoptable	SWALE 3	1350	Manhole	Adoptable
1.033	SWALE 3	1350	Manhole	Adoptable	BASIN 3	1350	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
32.000	4.533	103.0	100	Circular	187.400	186.400	0.900	187.450	186.356	0.994
32.001	8.827	103.8	100	Circular	187.450	186.356	0.994	187.440	186.271	1.069
32.002	4.655	103.4	100	Circular	187.440	186.271	1.069	187.440	186.226	1.114
32.003	5.083	175.3	150	Circular	187.440	186.176	1.114	187.400	186.147	1.103
32.004	4.976	177.7	150	Circular	187.400	186.147	1.103	187.300	186.119	1.031
32.005	9.743	295.2	225	Circular	187.300	186.044	1.031	187.250	186.011	1.014
32.006	5.299	294.4	225	Circular	187.250	186.011	1.014	187.200	185.993	0.982
32.007	13.007	28.4	225	Circular	187.200	185.993	0.982	186.660	185.535	0.900
32.008	9.078	25.2	225	Circular	186.660	185.535	0.900	186.300	185.175	0.900
32.009	5.240	104.8	225	Circular	186.300	185.175	0.900	186.250	185.125	0.900
32.010	9.022	180.4	225	Circular	186.250	185.125	0.900	186.200	185.075	0.900
32.011	6.870	34.4	225	Circular	186.200	185.075	0.900	186.000	184.875	0.900
32.012	2.370	296.3	225	Circular	186.000	184.875	0.900	186.000	184.867	0.908
32.013	9.335	32.0	225	Circular	186.000	184.867	0.908	185.700	184.575	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
32.000	S11	1200	Manhole	Adoptable	J28	1200	Manhole	Adoptable
32.001	J28	1200	Manhole	Adoptable	J29	1200	Manhole	Adoptable
32.002	J29	1200	Manhole	Adoptable	S12	1200	Manhole	Adoptable
32.003	S12	1200	Manhole	Adoptable	J30	1200	Manhole	Adoptable
32.004	J30	1200	Manhole	Adoptable	J31	1200	Manhole	Adoptable
32.005	J31	1200	Manhole	Adoptable	J32	1200	Manhole	Adoptable
32.006	J32	1200	Manhole	Adoptable	S13	1200	Manhole	Adoptable
32.007	S13	1200	Manhole	Adoptable	J33	1200	Manhole	Adoptable
32.008	J33	1200	Manhole	Adoptable	S14	1200	Manhole	Adoptable
32.009	S14	1200	Manhole	Adoptable	J34	1200	Manhole	Adoptable
32.010	J34	1200	Manhole	Adoptable	J35	1200	Manhole	Adoptable
32.011	J35	1200	Manhole	Adoptable	J36	1200	Manhole	Adoptable
32.012	J36	1200	Manhole	Adoptable	S15	1200	Manhole	Adoptable
32.013	S15	1200	Manhole	Adoptable	J37	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
32.014	5.184	398.8	300	Circular	185.700	184.500	0.900	185.760	184.487	0.973
32.015	2.308	12.3	300	Circular	185.760	184.487	0.973	185.500	184.300	0.900
32.016	10.817	416.0	300	Circular	185.500	184.300	0.900	185.630	184.274	1.056
32.017	3.655	406.1	300	Circular	185.630	184.274	1.056	185.550	184.265	0.985
32.018	9.569	124.3	300	Circular	185.550	184.265	0.985	185.400	184.188	0.912
23.001	7.157	103.7	100	Circular	187.150	186.150	0.900	187.250	186.081	1.069
23.002	3.776	171.7	150	Circular	187.250	186.031	1.069	187.230	186.009	1.071
23.003	8.013	174.2	150	Circular	187.230	186.009	1.071	187.230	185.963	1.117
23.004	3.593	171.1	150	Circular	187.230	185.963	1.117	187.230	185.942	1.138
23.005	7.503	174.5	150	Circular	187.230	185.942	1.138	187.150	185.899	1.101
23.006	1.832	261.7	225	Circular	187.150	185.824	1.101	187.100	185.817	1.058
23.007	6.181	294.3	225	Circular	187.100	185.817	1.058	187.200	185.796	1.179
23.008	4.965	292.0	225	Circular	187.200	185.796	1.179	187.200	185.779	1.196
23.009	3.706	285.1	225	Circular	187.200	185.779	1.196	187.250	185.766	1.259

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
32.014	J37	1200	Manhole	Adoptable	S16	1200	Manhole	Adoptable
32.015	S16	1200	Manhole	Adoptable	J38	1200	Manhole	Adoptable
32.016	J38	1200	Manhole	Adoptable	J39	1200	Manhole	Adoptable
32.017	J39	1200	Manhole	Adoptable	J40	1200	Manhole	Adoptable
32.018	J40	1200	Manhole	Adoptable	S10	1350	Manhole	Adoptable
23.001	S17	1200	Manhole	Adoptable	J20	1200	Manhole	Adoptable
23.002	J20	1200	Manhole	Adoptable	J21	1200	Manhole	Adoptable
23.003	J21	1200	Manhole	Adoptable	J22	1200	Manhole	Adoptable
23.004	J22	1200	Manhole	Adoptable	J23	1200	Manhole	Adoptable
23.005	J23	1200	Manhole	Adoptable	S18	1200	Manhole	Adoptable
23.006	S18	1200	Manhole	Adoptable	J24	1200	Manhole	Adoptable
23.007	J24	1200	Manhole	Adoptable	J25	1200	Manhole	Adoptable
23.008	J25	1200	Manhole	Adoptable	J26	1200	Manhole	Adoptable
23.009	J26	1200	Manhole	Adoptable	S19	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
23.010	8.903	296.8	225	Circular	187.250	185.766	1.259	187.500	185.736	1.539
23.011	2.391	298.9	225	Circular	187.500	185.736	1.539	187.500	185.728	1.547
48.001	4.628	102.8	100	Circular	185.780	184.642	1.038	185.600	184.597	0.903
48.002	6.214	103.6	100	Circular	185.600	184.597	0.903	185.650	184.537	1.013
48.003	8.178	104.8	100	Circular	185.650	184.537	1.013	185.940	184.459	1.381
48.004	5.101	175.9	150	Circular	185.940	184.409	1.381	185.900	184.380	1.370
48.005	1.606	160.6	150	Circular	185.900	184.380	1.370	185.925	184.370	1.405
48.006	8.775	175.5	150	Circular	185.925	184.370	1.405	186.000	184.320	1.530
48.007	2.380	170.0	150	Circular	186.000	184.320	1.530	186.050	184.306	1.594
48.008	2.432	270.2	225	Circular	186.050	184.231	1.594	186.050	184.222	1.603
48.009	4.214	281.0	225	Circular	186.050	184.222	1.603	186.100	184.207	1.668
48.010	2.640	293.4	225	Circular	186.100	184.207	1.668	186.100	184.198	1.677
48.011	1.123	280.7	225	Circular	186.100	184.198	1.677	186.100	184.194	1.681
48.012	7.448	297.9	225	Circular	186.100	184.194	1.681	186.150	184.169	1.756

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
23.010	S19	1200	Manhole	Adoptable	J27	1200	Manhole	Adoptable
23.011	J27	1200	Manhole	Adoptable	S4	1200	Manhole	Adoptable
48.001	S20	1200	Manhole	Adoptable	J41	1200	Manhole	Adoptable
48.002	J41	1200	Manhole	Adoptable	J42	1200	Manhole	Adoptable
48.003	J42	1200	Manhole	Adoptable	S21	1200	Manhole	Adoptable
48.004	S21	1200	Manhole	Adoptable	J43	1200	Manhole	Adoptable
48.005	J43	1200	Manhole	Adoptable	J44	1200	Manhole	Adoptable
48.006	J44	1200	Manhole	Adoptable	J45	1200	Manhole	Adoptable
48.007	J45	1200	Manhole	Adoptable	S22	1200	Manhole	Adoptable
48.008	S22	1200	Manhole	Adoptable	J46	1200	Manhole	Adoptable
48.009	J46	1200	Manhole	Adoptable	J47	1200	Manhole	Adoptable
48.010	J47	1200	Manhole	Adoptable	S23	1200	Manhole	Adoptable
48.011	S23	1200	Manhole	Adoptable	J48	1200	Manhole	Adoptable
48.012	J48	1200	Manhole	Adoptable	J49	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
48.013	1.135	283.9	225	Circular	186.150	184.169	1.756	186.150	184.165	1.760
48.014	5.073	298.4	225	Circular	186.150	184.165	1.760	186.125	184.148	1.752
48.015	1.135	283.9	225	Circular	186.125	184.148	1.752	186.100	184.144	1.731
48.016	4.874	286.7	225	Circular	186.100	184.144	1.731	186.000	184.127	1.648
48.017	10.256	293.0	225	Circular	186.000	184.127	1.648	185.970	184.092	1.653
48.018	4.244	424.4	300	Circular	185.970	184.017	1.653	185.780	184.007	1.473
48.019	9.086	413.0	300	Circular	185.780	184.007	1.473	185.500	183.985	1.215
48.020	6.116	407.7	300	Circular	185.500	183.985	1.215	185.400	183.970	1.130
48.021	3.848	427.5	300	Circular	185.400	183.970	1.130	185.330	183.961	1.069
65.001	8.523	34.4	100	Circular	186.420	185.377	0.943	186.200	185.129	0.971
65.002	3.640	104.0	100	Circular	186.200	185.129	0.971	186.150	185.094	0.956
65.003	7.859	63.4	100	Circular	186.150	185.094	0.956	185.970	184.970	0.900
2.000	4.759	95.2	100	Circular	189.250	188.250	0.900	189.200	188.200	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
48.013	J49	1200	Manhole	Adoptable	J50	1200	Manhole	Adoptable
48.014	J50	1200	Manhole	Adoptable	J51	1200	Manhole	Adoptable
48.015	J51	1200	Manhole	Adoptable	J52	1200	Manhole	Adoptable
48.016	J52	1200	Manhole	Adoptable	J53	1200	Manhole	Adoptable
48.017	J53	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
48.018	S24	1200	Manhole	Adoptable	J56	1200	Manhole	Adoptable
48.019	J56	1200	Manhole	Adoptable	J57	1200	Manhole	Adoptable
48.020	J57	1200	Manhole	Adoptable	S25	1200	Manhole	Adoptable
48.021	S25	1200	Manhole	Adoptable	BASIN 4	1200	Manhole	Adoptable
65.001	S26	1200	Manhole	Adoptable	J54	1200	Manhole	Adoptable
65.002	J54	1200	Manhole	Adoptable	J55	1200	Manhole	Adoptable
65.003	J55	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
2.000	FC1	1200	Manhole	Adoptable	J1	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
3.000	4.536	103.1	100	Circular	189.150	188.150	0.900	189.150	188.106	0.944
4.000	9.375	93.8	100	Circular	189.200	188.200	0.900	189.150	188.100	0.950
5.000	7.350	66.2	100	Circular	189.200	188.200	0.900	189.100	188.089	0.911
6.000	4.149	103.7	100	Circular	189.000	188.000	0.900	189.000	187.960	0.940
7.000	7.336	48.9	100	Circular	188.850	187.850	0.900	188.700	187.700	0.900
8.000	7.271	72.7	100	Circular	188.750	187.750	0.900	188.650	187.650	0.900
9.000	4.185	40.2	100	Circular	188.750	187.750	0.900	188.650	187.646	0.904
10.000	7.225	103.2	100	Circular	188.470	187.470	0.900	188.400	187.400	0.900
11.000	6.240	83.2	100	Circular	188.470	187.470	0.900	188.400	187.395	0.905
12.000	7.746	104.7	100	Circular	188.320	187.320	0.900	188.350	187.246	1.004
13.000	6.888	104.4	100	Circular	188.230	187.230	0.900	188.275	187.164	1.011
14.000	6.840	103.6	100	Circular	188.000	187.000	0.900	188.250	186.934	1.216
15.000	7.561	103.6	100	Circular	187.900	186.900	0.900	188.000	186.827	1.073
16.000	4.680	12.4	100	Circular	188.200	187.200	0.900	188.000	186.822	1.078
17.000	7.601	91.6	100	Circular	187.900	186.900	0.900	188.000	186.817	1.083

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
3.000	FC2	1200	Manhole	Adoptable	J2	1200	Manhole	Adoptable
4.000	FC3	1200	Manhole	Adoptable	J3	1200	Manhole	Adoptable
5.000	FC4	1200	Manhole	Adoptable	J4	1200	Manhole	Adoptable
6.000	FC5	1200	Manhole	Adoptable	J5	1200	Manhole	Adoptable
7.000	FC6	1200	Manhole	Adoptable	J6	1200	Manhole	Adoptable
8.000	FC7	1200	Manhole	Adoptable	J7	1200	Manhole	Adoptable
9.000	FC8	1200	Manhole	Adoptable	J8	1200	Manhole	Adoptable
10.000	FC9	1200	Manhole	Adoptable	J9	1200	Manhole	Adoptable
11.000	FC10	1200	Manhole	Adoptable	J10	1200	Manhole	Adoptable
12.000	FC11	1200	Manhole	Adoptable	J11	1200	Manhole	Adoptable
13.000	FC12	1200	Manhole	Adoptable	S2	1200	Manhole	Adoptable
14.000	FC13	1200	Manhole	Adoptable	J12	1200	Manhole	Adoptable
15.000	FC14	1200	Manhole	Adoptable	J13	1200	Manhole	Adoptable
16.000	FC15	1200	Manhole	Adoptable	J14	1200	Manhole	Adoptable
17.000	FC16	1200	Manhole	Adoptable	J15	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
18.000	4.821	24.7	100	Circular	188.000	187.000	0.900	187.850	186.805	0.945
19.000	7.010	104.6	100	Circular	187.550	186.550	0.900	187.750	186.483	1.167
20.000	6.609	104.9	100	Circular	187.400	186.400	0.900	187.750	186.337	1.313
21.000	4.329	14.4	100	Circular	187.950	186.950	0.900	187.650	186.650	0.900
22.000	7.651	104.8	100	Circular	187.300	186.300	0.900	187.650	186.227	1.323
23.000	4.771	15.9	100	Circular	187.450	186.450	0.900	187.150	186.150	0.900
24.000	4.588	20.9	100	Circular	187.300	186.300	0.900	187.250	186.081	1.069
25.000	4.644	19.3	100	Circular	187.300	186.300	0.900	187.230	186.059	1.071
26.000	4.735	14.8	100	Circular	187.550	186.550	0.900	187.230	186.230	0.900
27.000	4.616	21.0	100	Circular	187.450	186.450	0.900	187.230	186.230	0.900
28.000	4.497	8.1	100	Circular	187.500	186.500	0.900	187.100	185.942	1.058
29.000	4.356	14.5	100	Circular	187.500	186.500	0.900	187.200	186.200	0.900
30.000	4.721	15.7	100	Circular	187.500	186.500	0.900	187.200	186.200	0.900
31.000	4.404	17.6	100	Circular	187.750	186.750	0.900	187.500	186.500	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
18.000	FC17	1200	Manhole	Adoptable	J16	1200	Manhole	Adoptable
19.000	FC18	1200	Manhole	Adoptable	J17	1200	Manhole	Adoptable
20.000	FC19	1200	Manhole	Adoptable	S3	1200	Manhole	Adoptable
21.000	FC20	1200	Manhole	Adoptable	J18	1200	Manhole	Adoptable
22.000	FC21	1200	Manhole	Adoptable	J19	1200	Manhole	Adoptable
23.000	FC22	1200	Manhole	Adoptable	S17	1200	Manhole	Adoptable
24.000	FC23	1200	Manhole	Adoptable	J20	1200	Manhole	Adoptable
25.000	FC24	1200	Manhole	Adoptable	J21	1200	Manhole	Adoptable
26.000	FC25	1200	Manhole	Adoptable	J22	1200	Manhole	Adoptable
27.000	FC26	1200	Manhole	Adoptable	J23	1200	Manhole	Adoptable
28.000	FC27	1200	Manhole	Adoptable	J24	1200	Manhole	Adoptable
29.000	FC28	1200	Manhole	Adoptable	J25	1200	Manhole	Adoptable
30.000	FC29	1200	Manhole	Adoptable	J26	1200	Manhole	Adoptable
31.000	FC30	1200	Manhole	Adoptable	J27	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
33.000	4.250	45.2	100	Circular	187.450	186.450	0.900	187.450	186.356	0.994
34.000	4.159	23.2	100	Circular	187.450	186.450	0.900	187.440	186.271	1.069
35.000	4.130	18.4	100	Circular	187.450	186.450	0.900	187.440	186.226	1.114
36.000	4.772	95.4	100	Circular	187.450	186.450	0.900	187.400	186.400	0.900
37.000	5.130	18.3	100	Circular	187.450	186.450	0.900	187.300	186.169	1.031
38.000	5.014	16.0	100	Circular	187.450	186.450	0.900	187.250	186.136	1.014
39.000	6.567	46.9	100	Circular	186.800	185.800	0.900	186.660	185.660	0.900
40.000	4.712	23.6	100	Circular	186.450	185.450	0.900	186.250	185.250	0.900
41.000	4.437	17.7	100	Circular	186.450	185.450	0.900	186.200	185.200	0.900
42.000	5.069	10.1	100	Circular	186.500	185.500	0.900	186.000	185.000	0.900
43.000	5.034	33.6	100	Circular	185.850	184.850	0.900	185.700	184.700	0.900
44.000	4.938	49.4	100	Circular	185.600	184.600	0.900	185.500	184.500	0.900
45.000	4.335	34.4	100	Circular	185.600	184.600	0.900	185.630	184.474	1.056
46.000	4.393	32.5	100	Circular	185.600	184.600	0.900	185.550	184.465	0.985
47.000	4.611	21.7	100	Circular	185.600	184.600	0.900	185.400	184.388	0.912

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
33.000	FC31	1200	Manhole	Adoptable	J28	1200	Manhole	Adoptable
34.000	FC32	1200	Manhole	Adoptable	J29	1200	Manhole	Adoptable
35.000	FC33	1200	Manhole	Adoptable	S12	1200	Manhole	Adoptable
36.000	FC34	1200	Manhole	Adoptable	J30	1200	Manhole	Adoptable
37.000	FC35	1200	Manhole	Adoptable	J31	1200	Manhole	Adoptable
38.000	FC36	1200	Manhole	Adoptable	J32	1200	Manhole	Adoptable
39.000	FC37	1200	Manhole	Adoptable	J33	1200	Manhole	Adoptable
40.000	FC38	1200	Manhole	Adoptable	J34	1200	Manhole	Adoptable
41.000	FC39	1200	Manhole	Adoptable	J35	1200	Manhole	Adoptable
42.000	FC40	1200	Manhole	Adoptable	J36	1200	Manhole	Adoptable
43.000	FC41	1200	Manhole	Adoptable	J37	1200	Manhole	Adoptable
44.000	FC42	1200	Manhole	Adoptable	J38	1200	Manhole	Adoptable
45.000	FC43	1200	Manhole	Adoptable	J39	1200	Manhole	Adoptable
46.000	FC44	1200	Manhole	Adoptable	J40	1200	Manhole	Adoptable
47.000	FC45	1200	Manhole	Adoptable	S10	1350	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
48.000	6.002	103.5	100	Circular	185.700	184.700	0.900	185.780	184.642	1.038
49.000	5.288	34.6	100	Circular	185.750	184.750	0.900	185.600	184.597	0.903
50.000	4.997	19.0	100	Circular	185.800	184.800	0.900	185.650	184.537	1.013
51.000	4.364	103.9	100	Circular	185.800	184.800	0.900	185.940	184.758	1.082
52.000	4.681	104.0	100	Circular	185.800	184.800	0.900	185.900	184.755	1.045
55.000	6.150	104.2	100	Circular	185.850	184.850	0.900	186.050	184.791	1.159
58.000	5.454	36.4	100	Circular	186.250	185.250	0.900	186.100	185.100	0.900
61.000	4.272	42.7	100	Circular	186.250	185.250	0.900	186.150	185.150	0.900
62.000	3.980	31.8	100	Circular	186.250	185.250	0.900	186.125	185.125	0.900
64.000	4.156	16.6	100	Circular	186.250	185.250	0.900	186.000	185.000	0.900
53.000	6.583	15.5	100	Circular	186.350	185.350	0.900	185.925	184.925	0.900
54.000	6.483	18.5	100	Circular	186.350	185.350	0.900	186.000	185.000	0.900
56.000	6.203	20.7	100	Circular	186.350	185.350	0.900	186.050	185.050	0.900
57.000	6.403	25.6	100	Circular	186.350	185.350	0.900	186.100	185.100	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
48.000	FC46	1200	Manhole	Adoptable	S20	1200	Manhole	Adoptable
49.000	FC47	1200	Manhole	Adoptable	J41	1200	Manhole	Adoptable
50.000	FC48	1200	Manhole	Adoptable	J42	1200	Manhole	Adoptable
51.000	FC49	1200	Manhole	Adoptable	S21	1200	Manhole	Adoptable
52.000	FC50	1200	Manhole	Adoptable	J43	1200	Manhole	Adoptable
55.000	FC51	1200	Manhole	Adoptable	S22	1200	Manhole	Adoptable
58.000	FC52	1200	Manhole	Adoptable	S23	1200	Manhole	Adoptable
61.000	FC53	1200	Manhole	Adoptable	J50	1200	Manhole	Adoptable
62.000	FC54	1200	Manhole	Adoptable	J51	1200	Manhole	Adoptable
64.000	FC55	1200	Manhole	Adoptable	J53	1200	Manhole	Adoptable
53.000	FC56	1200	Manhole	Adoptable	J44	1200	Manhole	Adoptable
54.000	FC57	1200	Manhole	Adoptable	J45	1200	Manhole	Adoptable
56.000	FC58	1200	Manhole	Adoptable	J46	1200	Manhole	Adoptable
57.000	FC59	1200	Manhole	Adoptable	J47	1200	Manhole	Adoptable

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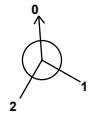
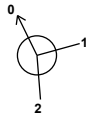
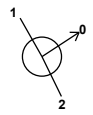
Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
59.000	6.605	26.4	100	Circular	186.350	185.350	0.900	186.100	185.100	0.900
60.000	7.396	49.3	100	Circular	186.300	185.300	0.900	186.150	185.150	0.900
63.000	9.395	62.6	100	Circular	186.250	185.250	0.900	186.100	185.100	0.900
65.000	2.402	104.4	100	Circular	186.400	185.400	0.900	186.420	185.377	0.943
66.000	2.197	104.6	100	Circular	186.150	185.150	0.900	186.200	185.129	0.971
67.000	2.197	39.2	100	Circular	186.150	185.150	0.900	186.150	185.094	0.956
68.000	2.124	70.8	100	Circular	186.000	185.000	0.900	185.970	184.970	0.900
69.000	2.097	104.8	100	Circular	185.800	184.800	0.900	185.780	184.780	0.900
70.000	2.281	45.6	100	Circular	185.550	184.550	0.900	185.500	184.500	0.900
71.000	23.374	104.8	100	Circular	186.300	184.300	1.900	186.300	184.077	2.123
1.034	11.528	678.1	450	Circular	185.100	183.100	1.550	185.100	183.083	1.567
48.022	4.560	414.5	300	Circular	185.330	183.330	1.700	185.330	183.319	1.711

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
59.000	FC60	1200	Manhole	Adoptable	J48	1200	Manhole	Adoptable
60.000	FC61	1200	Manhole	Adoptable	J49	1200	Manhole	Adoptable
63.000	FC62	1200	Manhole	Adoptable	J52	1200	Manhole	Adoptable
65.000	FC63	1200	Manhole	Adoptable	S26	1200	Manhole	Adoptable
66.000	FC64	1200	Manhole	Adoptable	J54	1200	Manhole	Adoptable
67.000	FC65	1200	Manhole	Adoptable	J55	1200	Manhole	Adoptable
68.000	FC66	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
69.000	FC67	1200	Manhole	Adoptable	J56	1200	Manhole	Adoptable
70.000	FC68	1200	Manhole	Adoptable	J57	1200	Manhole	Adoptable
71.000	BASIN 2	1350	Manhole	Adoptable	BH1	1200	Manhole	Adoptable
1.034	BASIN 3	1350	Manhole	Adoptable	BH2	1350	Manhole	Adoptable
48.022	BASIN 4	1200	Manhole	Adoptable	BH3	1200	Manhole	Adoptable

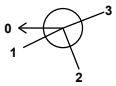
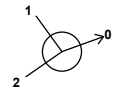
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S1	563493.340	162076.770	189.370	1.000	1200				
						0	1.000	188.370	100
S2	563516.320	162116.620	188.275	1.236	1200		1	13.000	187.164	100
							2	1.011	187.039	225
						0	1.012	187.039	225
S3	563514.580	162138.700	187.750	1.613	1200		1	20.000	186.337	100
							2	1.018	186.137	300
						0	1.019	186.137	300
S4	563509.750	162148.600	187.500	2.122	1200		1	23.011	185.728	225
							2	1.021	186.016	300
						0	1.022	185.378	300
S5	563517.900	162163.970	187.000	2.090	1350		1	1.023	184.910	375
						0	1.024	184.910	375
S6	563473.650	162199.780	186.850	2.042	1350		1	1.025	184.808	375
						0	1.026	184.808	375
S7	563477.070	162227.040	186.300	1.541	1350		1	1.027	184.759	375
						0	1.028	184.759	375
S8	563472.380	162268.580	185.630	1.300	1350		1	1.029	184.330	375
						0	1.030	184.330	375

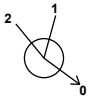
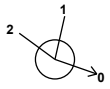
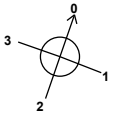
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S9	563468.030	162279.780	185.400	1.275	1350	1	1.030	184.125	375
									
						0	1.031	184.125	375
S10	563461.800	162277.360	185.400	1.287	1350	1	47.000	184.388	100
							2	32.018	184.188	300
							3	1.031	184.113	375
							0	1.032	184.113	375
S11	563414.850	162179.540	187.400	1.000	1200				
						0	32.000	186.400	100
S12	563429.630	162189.840	187.440	1.264	1200	1	35.000	186.226	100
							2	32.002	186.226	100
						0	32.003	186.176	150
S13	563453.230	162198.390	187.200	1.207	1200	1	32.006	185.993	225
									
						0	32.007	185.993	225
S14	563467.280	162215.430	186.300	1.125	1200	1	32.008	185.175	225
									
						0	32.009	185.175	225
S15	563472.480	162238.350	186.000	1.133	1200	1	32.012	184.867	225
									
						0	32.013	184.867	225
S16	563471.420	162252.830	185.760	1.273	1200	1	32.014	184.487	300
									
						0	32.015	184.487	300

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S17	563470.600	162190.920	187.150	1.000	1200	1	23.000	186.150	100
									
						0	23.001	186.150	100
S18	563492.180	162170.020	187.150	1.326	1200	1	23.005	185.899	150
									
						0	23.006	185.824	225
S19	563504.170	162158.420	187.250	1.484	1200	1	23.009	185.766	225
									
						0	23.010	185.766	225
S20	563480.920	162236.440	185.780	1.138	1200	1	48.000	184.642	100
									
						0	48.001	184.642	100
S21	563496.130	162225.020	185.940	1.531	1200	1	51.000	184.758	100
						2	48.003	184.459	100
									
						0	48.004	184.409	150
S22	563507.470	162211.220	186.050	1.819	1200	1	55.000	184.791	100
						2	48.007	184.306	150
									
						0	48.008	184.231	225
S23	563514.960	162205.730	186.100	1.902	1200	1	58.000	185.100	100
						2	48.010	184.198	225
									
						0	48.011	184.198	225
S24	563544.260	162195.470	185.970	1.953	1200	1	68.000	184.970	100
						2	65.003	184.970	100
						3	48.017	184.092	225
									
						0	48.018	184.017	300

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S25	563550.610	162213.850	185.400	1.430	1200	1	48.020	183.970	300
									
						0	48.021	183.970	300
S26	563537.740	162176.540	186.420	1.043	1200	1	65.000	185.377	100
									
						0	65.001	185.377	100
FC1	563493.090	162085.810	189.250	1.000	1200				
						0	2.000	188.250	100
FC2	563495.800	162090.060	189.150	1.000	1200				
						0	3.000	188.150	100
FC3	563508.330	162084.020	189.200	1.000	1200				
						0	4.000	188.200	100
FC4	563507.540	162086.720	189.200	1.000	1200				
						0	5.000	188.200	100
FC5	563499.390	162095.500	189.000	1.000	1200				
						0	6.000	188.000	100
FC6	563512.130	162094.710	188.850	1.000	1200				
						0	7.000	187.850	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC7	563513.420	162097.030	188.750	1.000	1200	 0	8.000	187.750	100
FC8	563503.740	162103.120	188.750	1.000	1200	 0	9.000	187.750	100
FC9	563517.810	162104.770	188.470	1.000	1200	 0	10.000	187.470	100
FC10	563506.660	162112.250	188.470	1.000	1200	 0	11.000	187.470	100
FC11	563520.090	162107.680	188.320	1.000	1200	 0	12.000	187.320	100
FC12	563522.310	162113.220	188.230	1.000	1200	 0	13.000	187.230	100
FC13	563523.050	162118.150	188.000	1.000	1200	 0	14.000	187.000	100
FC14	563523.260	162124.650	187.900	1.000	1200	 0	15.000	186.900	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC15	563510.950	162125.590	188.200	1.000	1200	 0	16.000	187.200	100
FC16	563523.000	162128.460	187.900	1.000	1200	 0	17.000	186.900	100
FC17	563510.250	162132.590	188.000	1.000	1200	 0	18.000	187.000	100
FC18	563521.740	162136.870	187.550	1.000	1200	 0	19.000	186.550	100
FC19	563520.950	162140.460	187.400	1.000	1200	 0	20.000	186.400	100
FC20	563508.340	162141.630	187.950	1.000	1200	 0	21.000	186.950	100
FC21	563518.760	162147.550	187.300	1.000	1200	 0	22.000	186.300	100
FC22	563466.150	162189.200	187.450	1.000	1200	 0	23.000	186.450	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC23	563472.210	162183.010	187.300	1.000	1200	0	24.000	186.300	100
FC24	563474.880	162180.340	187.300	1.000	1200	0	25.000	186.300	100
FC25	563480.580	162174.700	187.550	1.000	1200	0	26.000	186.550	100
FC26	563483.240	162172.290	187.450	1.000	1200	0	27.000	186.450	100
FC27	563490.030	162165.890	187.500	1.000	1200	0	28.000	186.500	100
FC28	563494.570	162161.690	187.500	1.000	1200	0	29.000	186.500	100
FC29	563497.890	162157.970	187.500	1.000	1200	0	30.000	186.500	100
FC30	563504.520	162148.950	187.750	1.000	1200	0	31.000	186.750	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC31	563415.750	162185.310	187.450	1.000	1200	0	33.000	186.450	100
FC32	563423.060	162190.300	187.450	1.000	1200	0	34.000	186.450	100
FC33	563427.200	162193.180	187.450	1.000	1200	0	35.000	186.450	100
FC34	563432.320	162195.860	187.450	1.000	1200	0	36.000	186.450	100
FC35	563436.880	162197.890	187.450	1.000	1200	0	37.000	186.450	100
FC36	563446.080	162201.100	187.450	1.000	1200	0	38.000	186.450	100
FC37	563456.130	162212.210	186.800	1.000	1200	0	39.000	185.800	100
FC38	563463.760	162221.090	186.450	1.000	1200	0	40.000	185.450	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC39	563466.020	162229.830	186.450	1.000	1200	 0	41.000	185.450	100
FC40	563466.920	162236.670	186.500	1.000	1200	 0	42.000	185.500	100
FC41	563466.840	162246.800	185.850	1.000	1200	 0	43.000	184.850	100
FC42	563466.190	162252.720	185.600	1.000	1200	 0	44.000	184.600	100
FC43	563462.800	162263.020	185.600	1.000	1200	 0	45.000	184.600	100
FC44	563461.410	162266.390	185.600	1.000	1200	 0	46.000	184.600	100
FC45	563457.660	162275.330	185.600	1.000	1200	 0	47.000	184.600	100
FC46	563482.260	162242.290	185.700	1.000	1200	 0	48.000	184.700	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC47	563487.380	162238.170	185.750	1.000	1200	0	49.000	184.750	100
FC48	563492.170	162234.210	185.800	1.000	1200	0	50.000	184.800	100
FC49	563498.840	162228.440	185.800	1.000	1200	0	51.000	184.800	100
FC50	563502.650	162224.420	185.800	1.000	1200	0	52.000	184.800	100
FC51	563509.100	162217.150	185.850	1.000	1200	0	55.000	184.850	100
FC52	563516.160	162211.050	186.250	1.000	1200	0	58.000	185.250	100
FC53	563525.050	162206.690	186.250	1.000	1200	0	61.000	185.250	100
FC54	563529.750	162204.740	186.250	1.000	1200	0	62.000	185.250	100

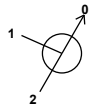
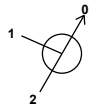
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC55	563535.470	162202.920	186.250	1.000	1200	 0	64.000	185.250	100
FC56	563495.000	162216.060	186.350	1.000	1200	 0	53.000	185.350	100
FC57	563500.650	162209.340	186.350	1.000	1200	 0	54.000	185.350	100
FC58	563505.370	162205.090	186.350	1.000	1200	 0	56.000	185.350	100
FC59	563508.650	162202.440	186.350	1.000	1200	 0	57.000	185.350	100
FC60	563513.370	162199.310	186.350	1.000	1200	 0	59.000	185.350	100
FC61	563520.140	162196.100	186.300	1.000	1200	 0	60.000	185.300	100
FC62	563526.410	162191.780	186.250	1.000	1200	 0	63.000	185.250	100

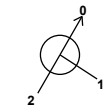
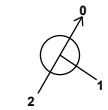
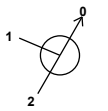
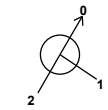
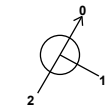
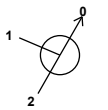
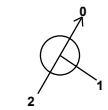
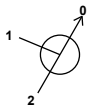
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC63	563539.260	162174.680	186.400	1.000	1200	 0	65.000	185.400	100
FC64	563542.370	162183.430	186.150	1.000	1200	 0	66.000	185.150	100
FC65	563543.560	162186.870	186.150	1.000	1200	 0	67.000	185.150	100
FC66	563546.240	162194.700	186.000	1.000	1200	 0	68.000	185.000	100
FC67	563547.410	162198.340	185.800	1.000	1200	 0	69.000	184.800	100
FC68	563550.550	162206.870	185.550	1.000	1200	 0	70.000	184.550	100
J1	563497.440	162083.880	189.200	1.000	1200	 1 2 0	2.000 1.000 1.001	188.200 188.200 188.200	100 100 100
J2	563499.950	162088.230	189.150	1.094	1200	 1 2 0	3.000 1.001 1.002	188.106 188.106 188.056	100 100 150

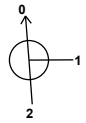
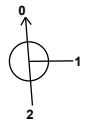
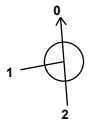
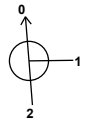
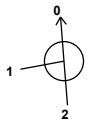
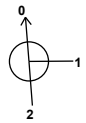
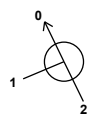
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J3	563500.470	162089.130	189.150	1.100	1200		1	4.000	188.100	100
							2	1.002	188.050	150
							0	1.003	188.050	150
J4	563501.440	162090.820	189.100	1.061	1200		1	5.000	188.089	100
							2	1.003	188.039	150
							0	1.004	188.039	150
J5	563503.210	162093.880	189.000	1.090	1200		1	6.000	187.960	100
							2	1.004	187.910	150
							0	1.005	187.910	150
J6	563506.040	162098.800	188.700	1.050	1200		1	7.000	187.700	100
							2	1.005	187.650	150
							0	1.006	187.650	150
J7	563507.030	162100.500	188.650	1.125	1200		1	8.000	187.650	100
							2	1.006	187.600	150
							0	1.007	187.525	225
J8	563507.590	162101.480	188.650	1.129	1200		1	9.000	187.646	100
							2	1.007	187.521	225
							0	1.008	187.521	225
J9	563511.820	162108.810	188.400	1.125	1200		1	10.000	187.400	100
							2	1.008	187.275	225
							0	1.009	187.275	225
J10	563512.420	162109.850	188.400	1.130	1200		1	11.000	187.395	100
							2	1.009	187.270	225
							0	1.010	187.270	225

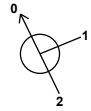
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J11	563513.640	162111.970	188.350	1.229	1200		1	12.000	187.246	100
							2	1.010	187.121	225
							0	1.011	187.121	225
J12	563516.210	162118.110	188.250	1.441	1200		1	14.000	186.934	100
							2	1.012	187.034	225
							0	1.013	186.809	225
J13	563515.700	162124.560	188.000	1.373	1200		1	15.000	186.827	100
							2	1.013	186.702	225
							0	1.014	186.627	300
J14	563515.550	162126.450	188.000	1.378	1200		1	16.000	186.822	100
							2	1.014	186.622	300
							0	1.015	186.622	300
J15	563515.400	162128.360	188.000	1.383	1200		1	17.000	186.817	100
							2	1.015	186.617	300
							0	1.016	186.617	300
J16	563514.990	162133.470	187.850	1.245	1200		1	18.000	186.805	100
							2	1.016	186.605	300
							0	1.017	186.605	300
J17	563514.730	162136.820	187.750	1.467	1200		1	19.000	186.483	100
							2	1.017	186.550	300
							0	1.018	186.283	300
J18	563512.330	162143.310	187.650	1.525	1200		1	21.000	186.650	100
							2	1.019	186.125	300
							0	1.020	186.125	300

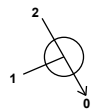
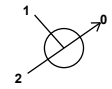
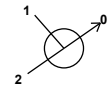
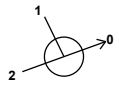
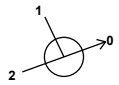
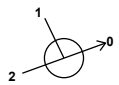
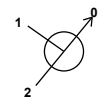
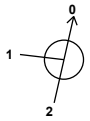
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J19	563511.680	162144.650	187.650	1.623	1200		1	22.000	186.227	100
							2	1.020	186.027	300
							0	1.021	186.027	300
J20	563475.740	162185.940	187.250	1.219	1200		1	24.000	186.081	100
							2	23.001	186.081	100
							0	23.002	186.031	150
J21	563478.450	162183.310	187.230	1.221	1200		1	25.000	186.059	100
							2	23.002	186.009	150
							0	23.003	186.009	150
J22	563484.210	162177.740	187.230	1.267	1200		1	26.000	186.230	100
							2	23.003	185.963	150
							0	23.004	185.963	150
J23	563486.790	162175.240	187.230	1.288	1200		1	27.000	186.230	100
							2	23.004	185.942	150
							0	23.005	185.942	150
J24	563493.500	162168.750	187.100	1.283	1200		1	28.000	185.942	100
							2	23.006	185.817	225
							0	23.007	185.817	225
J25	563497.940	162164.450	187.200	1.404	1200		1	29.000	186.200	100
							2	23.007	185.796	225
							0	23.008	185.796	225
J26	563501.510	162161.000	187.200	1.421	1200		1	30.000	186.200	100
							2	23.008	185.779	225
							0	23.009	185.779	225

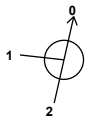
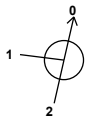
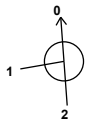
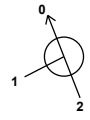
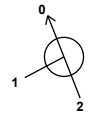
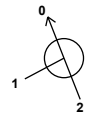
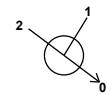
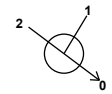
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J27	563508.570	162150.680	187.500	1.764	1200		1	31.000	186.500	100
							2	23.010	185.736	225
							0	23.011	185.736	225
J28	563418.570	162182.130	187.450	1.094	1200		1	33.000	186.356	100
							2	32.000	186.356	100
							0	32.001	186.356	100
J29	563425.810	162187.180	187.440	1.169	1200		1	34.000	186.271	100
							2	32.001	186.271	100
							0	32.002	186.271	100
J30	563434.410	162191.570	187.400	1.253	1200		1	36.000	186.400	100
							2	32.003	186.147	150
							0	32.004	186.147	150
J31	563439.090	162193.260	187.300	1.256	1200		1	37.000	186.169	100
							2	32.004	186.119	150
							0	32.005	186.044	225
J32	563448.250	162196.580	187.250	1.239	1200		1	38.000	186.136	100
							2	32.005	186.011	225
							0	32.006	186.011	225
J33	563461.500	162208.430	186.660	1.125	1200		1	39.000	185.660	100
							2	32.007	185.535	225
							0	32.008	185.535	225
J34	563468.440	162220.540	186.250	1.125	1200		1	40.000	185.250	100
							2	32.009	185.125	225
							0	32.010	185.125	225

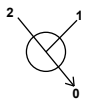
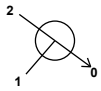
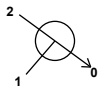
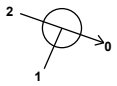
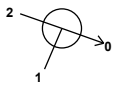
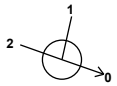
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J35	563470.430	162229.340	186.200	1.125	1200		1	41.000	185.200	100
							2	32.010	185.075	225
							0	32.011	185.075	225
J36	563471.950	162236.040	186.000	1.125	1200		1	42.000	185.000	100
							2	32.011	184.875	225
							0	32.012	184.875	225
J37	563471.800	162247.660	185.700	1.200	1200		1	43.000	184.700	100
							2	32.013	184.575	225
							0	32.014	184.500	300
J38	563470.580	162254.980	185.500	1.200	1200		1	44.000	184.500	100
							2	32.015	184.300	300
							0	32.016	184.300	300
J39	563466.630	162265.050	185.630	1.356	1200		1	45.000	184.474	100
							2	32.016	184.274	300
							0	32.017	184.274	300
J40	563465.290	162268.450	185.550	1.285	1200		1	46.000	184.465	100
							2	32.017	184.265	300
							0	32.018	184.265	300
J41	563484.620	162233.660	185.600	1.003	1200		1	49.000	184.597	100
							2	48.001	184.597	100
							0	48.002	184.597	100
J42	563489.590	162229.930	185.650	1.113	1200		1	50.000	184.537	100
							2	48.002	184.537	100
							0	48.003	184.537	100

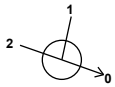
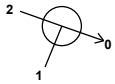
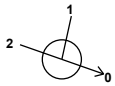
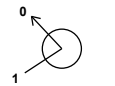
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J43	563499.370	162221.080	185.900	1.520	1200		1	52.000	184.755	100
							2	48.004	184.380	150
							0	48.005	184.380	150
J44	563500.390	162219.840	185.925	1.555	1200		1	53.000	184.925	100
							2	48.005	184.370	150
							0	48.006	184.370	150
J45	563505.960	162213.060	186.000	1.680	1200		1	54.000	185.000	100
							2	48.006	184.320	150
							0	48.007	184.320	150
J46	563509.430	162209.780	186.050	1.828	1200		1	56.000	185.050	100
							2	48.008	184.222	225
							0	48.009	184.222	225
J47	563512.830	162207.290	186.100	1.893	1200		1	57.000	185.100	100
							2	48.009	184.207	225
							0	48.010	184.207	225
J48	563516.020	162205.360	186.100	1.906	1200		1	59.000	185.100	100
							2	48.011	184.194	225
							0	48.012	184.194	225
J49	563523.050	162202.900	186.150	1.981	1200		1	60.000	185.150	100
							2	48.012	184.169	225
							0	48.013	184.169	225
J50	563524.120	162202.520	186.150	1.985	1200		1	61.000	185.150	100
							2	48.013	184.165	225
							0	48.014	184.165	225

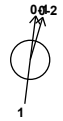
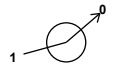
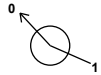
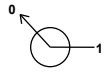
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J51	563528.910	162200.850	186.125	1.977	1200		1	62.000	185.125	100
							2	48.014	184.148	225
							0	48.015	184.148	225
J52	563529.980	162200.470	186.100	1.956	1200		1	63.000	185.100	100
							2	48.015	184.144	225
							0	48.016	184.144	225
J53	563534.580	162198.860	186.000	1.873	1200		1	64.000	185.000	100
							2	48.016	184.127	225
							0	48.017	184.127	225
J54	563540.510	162184.600	186.200	1.071	1200		1	66.000	185.129	100
							2	65.001	185.129	100
							0	65.002	185.129	100
J55	563541.700	162188.040	186.150	1.056	1200		1	67.000	185.094	100
							2	65.002	185.094	100
							0	65.003	185.094	100
J56	563545.650	162199.480	185.780	1.773	1200		1	69.000	184.780	100
							2	48.018	184.007	300
							0	48.019	184.007	300
J57	563548.610	162208.070	185.500	1.515	1200		1	70.000	184.500	100
							2	48.019	183.985	300
							0	48.020	183.985	300
BASIN 1	563523.750	162157.750	187.000	2.075	1350		1	1.022	185.000	300
							0	1.023	184.925	375

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
BASIN 2	563474.350	162205.470	186.300	2.000	1350		1	1.026	184.797	375
							0-1	1.027	184.797	375
							0-2	71.000	184.300	100
BASIN 3	563428.170	162309.150	185.100	2.000	1350		1	1.033	183.825	375
							0	1.034	183.100	450
BASIN 4	563554.320	162214.870	185.330	2.000	1200		1	48.021	183.961	300
							0	48.022	183.330	300
SWALE 1	563499.320	162172.160	186.800	1.926	1350		1	1.024	184.874	375
							0	1.025	184.874	375
SWALE 2	563478.800	162243.660	185.650	1.275	1350		1	1.028	184.375	375
							0	1.029	184.375	375
SWALE 3	563457.440	162277.370	185.270	1.275	1350		1	1.032	183.995	375
							0	1.033	183.995	375
BH1	563480.960	162227.890	186.300	2.223	1200		1	71.000	184.077	100
BH2	563419.880	162301.140	185.100	2.017	1350		1	1.034	183.083	450

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
BH3	563557.780	162217.840	185.330	2.011	1200	1	48.022	183.319	300



Node FC1 Online Orifice Control

Flap Valve	x	Invert Level (m)	188.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC2 Online Orifice Control

Flap Valve	x	Invert Level (m)	188.150	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC3 Online Orifice Control

Flap Valve	x	Invert Level (m)	188.200	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC4 Online Orifice Control

Flap Valve	x	Invert Level (m)	188.200	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC5 Online Orifice Control

Flap Valve	x	Invert Level (m)	188.000	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC6 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.850	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC7 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.750	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC8 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.750	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC9 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.470	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC10 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.470	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC11 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.320	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC12 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.230	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC13 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.000	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC14 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.900	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC15 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.200	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC16 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.900	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC17 Online Orifice Control

Flap Valve	x	Invert Level (m)	187.000	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC18 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.550	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC19 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.400	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC20 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.950	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC21 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.300	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC22 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC23 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.300	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC24 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.300	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC25 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.550	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC26 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC27 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.500	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC28 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.500	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC29 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.500	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC30 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.750	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC31 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC32 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC33 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC34 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC35 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC36 Online Orifice Control

Flap Valve	x	Invert Level (m)	186.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC37 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.800	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC38 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC39 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.450	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC40 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.500	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC41 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.850	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC42 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.600	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC43 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.600	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC45 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.600	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC46 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.700	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC47 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.750	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC48 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.800	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC49 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.800	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC50 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.800	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC51 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.850	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC52 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC53 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC54 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC55 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC56 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.350	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC57 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.350	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC58 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.350	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC59 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.350	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC60 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.350	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC61 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.300	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC62 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.250	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

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Node FC63 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.400	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC64 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.150	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC65 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.150	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC66 Online Orifice Control

Flap Valve	x	Invert Level (m)	185.000	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC67 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.800	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node FC68 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.550	Design Flow (l/s)	1.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	0.900	Diameter (m)	0.022		

Node S5 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.910	Design Flow (l/s)	5.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	1.900	Diameter (m)	0.041		

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Node BASIN 1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.000
Side Inf Coefficient (m/hr)	0.00360	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	106.3	206.5	2.000	206.5	206.5

Node BASIN 2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	184.300
Side Inf Coefficient (m/hr)	0.00360	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	84.5	0.0	2.000	195.0	0.0

Node BASIN 3 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	182.600
Side Inf Coefficient (m/hr)	0.00360	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	354.7	0.0	2.500	572.2	0.0

Node BASIN 4 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	183.330
Side Inf Coefficient (m/hr)	0.00360	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	276.9	0.0	2.000	432.3	0.0

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Node BH1 Deep Bore Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.13860	Porosity	1.00	Diameter (m)	1.500	Borehole Depth (m)	45.000
Side Inf Coefficient (m/hr)	0.13860	Invert Level (m)	184.077	Depth (m)	1.200	Inf Depth (m)	10.000
Safety Factor	2.0	Time to half empty (mins)	194	Borehole Diameter (m)	0.150	Number Required	1

Node BH2 Deep Bore Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.13860	Porosity	1.00	Diameter (m)	1.500	Borehole Depth (m)	45.000
Side Inf Coefficient (m/hr)	0.13860	Invert Level (m)	183.083	Depth (m)	1.200	Inf Depth (m)	10.000
Safety Factor	2.0	Time to half empty (mins)	194	Borehole Diameter (m)	0.150	Number Required	2

Node BH3 Deep Bore Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.13860	Porosity	1.00	Diameter (m)	1.500	Borehole Depth (m)	45.000
Side Inf Coefficient (m/hr)	0.13860	Invert Level (m)	183.319	Depth (m)	1.200	Inf Depth (m)	10.000
Safety Factor	2.0	Time to half empty (mins)	194	Borehole Diameter (m)	0.150	Number Required	2

Node FC1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	43

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	39.3	0.0	0.300	39.3	0.0

Node FC2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.770
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.6	0.0	0.300	41.6	0.0

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Node FC3 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.820
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	56

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	80.4	0.0	0.300	80.4	0.0

Node FC4 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.820
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	34.5	0.0	0.300	34.5	0.0

Node FC5 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.620
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	45.3	0.0	0.300	45.3	0.0

Node FC6 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.470
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.7	0.0	0.300	29.7	0.0

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Node FC7 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.370
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.2	0.0	0.300	30.2	0.0

Node FC8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.370
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.1	0.0	0.300	42.1	0.0

Node FC9 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.090
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.2	0.0	0.300	30.2	0.0

Node FC10 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	188.090
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	59

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	65.9	0.0	0.300	65.9	0.0

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Node FC11 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.940
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	38.2	0.0	0.300	38.2	0.0

Node FC12 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.850
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	37.4	0.0	0.300	37.4	0.0

Node FC13 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.620
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	38.7	0.0	0.300	38.7	0.0

Node FC14 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.900
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	0

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	38.2	0.0	0.300	38.2	0.0

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Node FC15 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.820
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	28.3	0.0	0.300	28.3	0.0

Node FC16 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.520
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.0	0.0	0.300	29.0	0.0

Node FC17 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.620
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	28.4	0.0	0.300	28.4	0.0

Node FC18 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.170
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	28.2	0.0	0.300	28.2	0.0

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Node FC19 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.020
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	38.5	0.0	0.300	38.5	0.0

Node FC20 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.570
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	43.2	0.0	0.300	43.2	0.0

Node FC21 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.4	0.0	0.300	42.4	0.0

Node FC22 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.450
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	420

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	28.1	0.0	0.300	28.1	0.0

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Node FC23 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.5	0.0	0.300	29.5	0.0

Node FC24 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.6	0.0	0.300	41.6	0.0

Node FC25 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.170
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.4	0.0	0.300	42.4	0.0

Node FC26 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.450
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	420

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.4	0.0	0.300	29.4	0.0

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Node FC27 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	31.2	0.0	0.300	31.2	0.0

Node FC28 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	44.0	0.0	0.300	44.0	0.0

Node FC29 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	48.5	0.0	0.300	48.4	0.0

Node FC30 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.370
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	43.4	0.0	0.300	43.4	0.0

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Node FC31 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	27

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.7	0.0	0.300	30.7	0.0

Node FC32 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	25

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.4	0.0	0.300	29.4	0.0

Node FC33 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	39.9	0.0	0.300	39.9	0.0

Node FC34 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	40.0	0.0	0.300	40.0	0.0

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Node FC35 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	43.4	0.0	0.300	43.4	0.0

Node FC36 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	36

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	52.8	0.0	0.300	52.8	0.0

Node FC37 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.420
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	60

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	58.2	0.0	0.300	58.2	0.0

Node FC38 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.450
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	0

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	35.8	0.0	0.300	35.8	0.0

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Node FC39 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	22

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	35.6	0.0	0.300	35.6	0.0

Node FC40 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.070
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	33

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.6	0.0	0.300	42.6	0.0

Node FC41 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.470
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	47.3	0.0	0.300	47.3	0.0

Node FC42 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	47.1	0.0	0.300	47.1	0.0

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Node FC43 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	0

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	185.6	0.0	0.300	185.6	0.0

Node FC44 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	32.4	0.0	0.300	32.4	0.0

Node FC45 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.7	0.0	0.300	30.7	0.0

Node FC46 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.320
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	59

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	66.0	0.0	0.300	66.0	0.0

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Node FC48 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.2	0.0	0.300	42.2	0.0

Node FC49 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.9	0.0	0.300	41.9	0.0

Node FC50 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.2	0.0	0.300	41.2	0.0

Node FC51 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.470
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	38

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	47.2	0.0	0.300	47.2	0.0

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Node FC52 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	34

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	59.8	0.0	0.300	59.8	0.0

Node FC53 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.7	0.0	0.300	42.7	0.0

Node FC54 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.5	0.0	0.300	30.5	0.0

Node FC55 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	32.2	0.0	0.300	32.2	0.0

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Node FC56 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	20

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	43.9	0.0	0.300	43.9	0.0

Node FC57 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	21

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	42.2	0.0	0.300	42.2	0.0

Node FC58 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	31.4	0.0	0.300	31.4	0.0

Node FC59 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	24

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	29.0	0.0	0.300	29.0	0.0

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Node FC60 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.8	0.0	0.300	41.8	0.0

Node FC61 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.920
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	41.8	0.0	0.300	41.8	0.0

Node FC62 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	58

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	71.5	0.0	0.300	71.5	0.0

Node FC63 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	186.020
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	25

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.6	0.0	0.300	30.6	0.0

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Node FC64 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.770
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	26

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.4	0.0	0.300	30.4	0.0

Node FC65 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.770
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	40

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	39.6	0.0	0.300	39.6	0.0

Node FC66 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.620
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	39

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	39.8	0.0	0.300	39.8	0.0

Node FC67 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	184.800
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	0

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.1	0.0	0.300	30.1	0.0

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Node FC68 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00360	Safety Factor	2.0	Invert Level (m)	185.170
Side Inf Coefficient (m/hr)	0.00360	Porosity	0.30	Time to half empty (mins)	23

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	30.4	0.0	0.300	30.4	0.0

Other (defaults)

Entry Loss (manhole)	0.250	Entry Loss (junction)	0.000	Apply Recommended Losses	x
Exit Loss (manhole)	0.250	Exit Loss (junction)	0.000	Flood Risk (m)	0.300

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
2 year 15 minute summer	99.639	28.194	2 year 720 minute summer	9.385	2.515
2 year 15 minute winter	69.922	28.194	2 year 720 minute winter	6.307	2.515
2 year 30 minute summer	65.240	18.461	2 year 960 minute summer	7.751	2.041
2 year 30 minute winter	45.783	18.461	2 year 960 minute winter	5.134	2.041
2 year 60 minute summer	43.894	11.600	2 year 1440 minute summer	5.677	1.521
2 year 60 minute winter	29.162	11.600	2 year 1440 minute winter	3.815	1.521
2 year 120 minute summer	30.461	8.050	2 year 2160 minute summer	4.124	1.140
2 year 120 minute winter	20.238	8.050	2 year 2160 minute winter	2.842	1.140
2 year 180 minute summer	24.680	6.351	2 year 2880 minute summer	3.488	0.935
2 year 180 minute winter	16.043	6.351	2 year 2880 minute winter	2.344	0.935
2 year 240 minute summer	20.115	5.316	2 year 4320 minute summer	2.753	0.720
2 year 240 minute winter	13.364	5.316	2 year 4320 minute winter	1.813	0.720
2 year 360 minute summer	15.844	4.077	30 year 15 minute summer	244.570	69.205
2 year 360 minute winter	10.299	4.077	30 year 15 minute winter	171.628	69.205
2 year 480 minute summer	12.673	3.349	30 year 30 minute summer	161.671	45.747
2 year 480 minute winter	8.420	3.349	30 year 30 minute winter	113.453	45.747
2 year 600 minute summer	10.472	2.864	30 year 60 minute summer	109.197	28.857
2 year 600 minute winter	7.155	2.864	30 year 60 minute winter	72.548	28.857

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Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
30 year 120 minute summer	66.406	17.549	30 year +35% CC 180 minute summer	68.758	17.694
30 year 120 minute winter	44.119	17.549	30 year +35% CC 180 minute winter	44.694	17.694
30 year 180 minute summer	50.932	13.107	30 year +35% CC 240 minute summer	54.369	14.368
30 year 180 minute winter	33.107	13.107	30 year +35% CC 240 minute winter	36.121	14.368
30 year 240 minute summer	40.273	10.643	30 year +35% CC 360 minute summer	41.514	10.683
30 year 240 minute winter	26.757	10.643	30 year +35% CC 360 minute winter	26.985	10.683
30 year 360 minute summer	30.751	7.913	30 year +35% CC 480 minute summer	32.897	8.694
30 year 360 minute winter	19.989	7.913	30 year +35% CC 480 minute winter	21.856	8.694
30 year 480 minute summer	24.368	6.440	30 year +35% CC 600 minute summer	27.109	7.415
30 year 480 minute winter	16.189	6.440	30 year +35% CC 600 minute winter	18.523	7.415
30 year 600 minute summer	20.081	5.493	30 year +35% CC 720 minute summer	24.294	6.511
30 year 600 minute winter	13.720	5.493	30 year +35% CC 720 minute winter	16.327	6.511
30 year 720 minute summer	17.996	4.823	30 year +35% CC 960 minute summer	20.088	5.290
30 year 720 minute winter	12.094	4.823	30 year +35% CC 960 minute winter	13.307	5.290
30 year 960 minute summer	14.880	3.918	30 year +35% CC 1440 minute summer	14.744	3.952
30 year 960 minute winter	9.857	3.918	30 year +35% CC 1440 minute winter	9.909	3.952
30 year 1440 minute summer	10.922	2.927	30 year +35% CC 2160 minute summer	10.710	2.960
30 year 1440 minute winter	7.340	2.927	30 year +35% CC 2160 minute winter	7.379	2.960
30 year 2160 minute summer	7.933	2.192	30 year +35% CC 2880 minute summer	8.997	2.411
30 year 2160 minute winter	5.466	2.192	30 year +35% CC 2880 minute winter	6.047	2.411
30 year 2880 minute summer	6.665	1.786	30 year +35% CC 4320 minute summer	6.882	1.799
30 year 2880 minute winter	4.479	1.786	30 year +35% CC 4320 minute winter	4.532	1.799
30 year 4320 minute summer	5.098	1.333	100 year 15 minute summer	309.182	87.488
30 year 4320 minute winter	3.357	1.333	100 year 15 minute winter	216.970	87.488
30 year +35% CC 15 minute summer	330.170	93.427	100 year 30 minute summer	206.521	58.438
30 year +35% CC 15 minute winter	231.698	93.427	100 year 30 minute winter	144.927	58.438
30 year +35% CC 30 minute summer	218.255	61.759	100 year 60 minute summer	140.321	37.083
30 year +35% CC 30 minute winter	153.162	61.759	100 year 60 minute winter	93.226	37.083
30 year +35% CC 60 minute summer	147.416	38.958	100 year 120 minute summer	83.875	22.166
30 year +35% CC 60 minute winter	97.939	38.958	100 year 120 minute winter	55.725	22.166
30 year +35% CC 120 minute summer	89.648	23.691	100 year 180 minute summer	64.057	16.484
30 year +35% CC 120 minute winter	59.560	23.691	100 year 180 minute winter	41.639	16.484

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Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
100 year 240 minute summer	50.781	13.420	100 year +45% CC +10% A 60 minute winter	135.178	53.770
100 year 240 minute winter	33.738	13.420	100 year +45% CC +10% A 120 minute summer	121.619	32.140
100 year 360 minute summer	39.452	10.152	100 year +45% CC +10% A 120 minute winter	80.801	32.140
100 year 360 minute winter	25.645	10.152	100 year +45% CC +10% A 180 minute summer	92.882	23.902
100 year 480 minute summer	31.532	8.333	100 year +45% CC +10% A 180 minute winter	60.376	23.902
100 year 480 minute winter	20.949	8.333	100 year +45% CC +10% A 240 minute summer	73.633	19.459
100 year 600 minute summer	26.180	7.161	100 year +45% CC +10% A 240 minute winter	48.920	19.459
100 year 600 minute winter	17.888	7.161	100 year +45% CC +10% A 360 minute summer	57.205	14.721
100 year 720 minute summer	23.643	6.337	100 year +45% CC +10% A 360 minute winter	37.185	14.721
100 year 720 minute winter	15.890	6.337	100 year +45% CC +10% A 480 minute summer	45.721	12.083
100 year 960 minute summer	19.952	5.254	100 year +45% CC +10% A 480 minute winter	30.376	12.083
100 year 960 minute winter	13.217	5.254	100 year +45% CC +10% A 600 minute summer	37.962	10.383
100 year 1440 minute summer	15.033	4.029	100 year +45% CC +10% A 600 minute winter	25.938	10.383
100 year 1440 minute winter	10.103	4.029	100 year +45% CC +10% A 720 minute summer	34.282	9.188
100 year 2160 minute summer	10.989	3.037	100 year +45% CC +10% A 720 minute winter	23.040	9.188
100 year 2160 minute winter	7.572	3.037	100 year +45% CC +10% A 960 minute summer	28.931	7.618
100 year 2880 minute summer	9.170	2.458	100 year +45% CC +10% A 960 minute winter	19.164	7.618
100 year 2880 minute winter	6.163	2.458	100 year +45% CC +10% A 1440 minute summer	21.798	5.842
100 year 4320 minute summer	6.856	1.793	100 year +45% CC +10% A 1440 minute winter	14.650	5.842
100 year 4320 minute winter	4.515	1.793	100 year +45% CC +10% A 2160 minute summer	15.934	4.404
100 year +45% CC +10% A 15 minute summer	448.314	126.857	100 year +45% CC +10% A 2160 minute winter	10.979	4.404
100 year +45% CC +10% A 15 minute winter	314.606	126.857	100 year +45% CC +10% A 2880 minute summer	13.297	3.564
100 year +45% CC +10% A 30 minute summer	299.456	84.736	100 year +45% CC +10% A 2880 minute winter	8.936	3.564
100 year +45% CC +10% A 30 minute winter	210.145	84.736	100 year +45% CC +10% A 4320 minute summer	9.942	2.599
100 year +45% CC +10% A 60 minute summer	203.466	53.770	100 year +45% CC +10% A 4320 minute winter	6.547	2.599

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	10	188.409	0.039	2.8	0.0568	0.0000	OK
15 minute summer	S2	12	187.158	0.119	15.2	0.2061	0.0000	OK
15 minute summer	S3	12	186.249	0.112	19.7	0.1486	0.0000	OK
240 minute winter	S4	224	185.478	0.100	13.7	0.1279	0.0000	OK
240 minute winter	S5	224	185.478	0.568	2.5	0.8125	0.0000	SURCHARGED
240 minute winter	S6	228	184.852	0.044	2.5	0.0628	0.0000	OK
2160 minute summer	S7	1440	184.781	0.022	2.1	0.0318	0.0000	OK
2160 minute summer	S8	1440	184.354	0.024	2.1	0.0342	0.0000	OK
15 minute summer	S9	12	184.205	0.080	1.5	0.1149	0.0000	OK
15 minute summer	S10	12	184.205	0.092	30.0	0.1675	0.0000	OK
15 minute summer	S11	10	186.461	0.061	3.6	0.0964	0.0000	OK
15 minute summer	S12	11	186.272	0.096	8.0	0.1418	0.0000	OK
15 minute summer	S13	11	186.049	0.056	12.3	0.0839	0.0000	OK
15 minute summer	S14	11	185.278	0.103	16.5	0.1624	0.0000	OK
15 minute summer	S15	12	184.946	0.078	20.5	0.1233	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	2.7	0.651	0.315	0.0346	
15 minute summer	S2	1.012	J12	15.1	0.782	0.506	0.0289	
15 minute summer	S3	1.019	J18	19.7	1.019	0.369	0.0995	
240 minute winter	S4	1.022	BASIN 1	13.7	0.913	0.082	0.7601	
240 minute winter	S5	1.024	SWALE 1	2.5	0.338	0.030	0.1525	
240 minute winter	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0354	
2160 minute summer	S7	1.028	SWALE 2	2.1	0.461	0.007	0.0785	
2160 minute summer	S8	1.030	S9	2.1	0.489	0.008	0.0523	
15 minute summer	S9	1.031	S10	-1.5	-0.205	-0.018	0.1276	
15 minute summer	S10	1.032	SWALE 3	29.9	1.176	0.090	0.1158	
15 minute summer	S11	32.000	J28	3.5	0.701	0.590	0.0229	
15 minute summer	S12	32.003	J30	7.9	0.674	0.593	0.0598	
15 minute summer	S13	32.007	J33	12.2	1.651	0.124	0.0960	
15 minute summer	S14	32.009	J34	16.3	0.911	0.321	0.0937	
15 minute summer	S15	32.013	J37	20.7	1.779	0.224	0.1085	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.557	0.070	24.5	0.1071	0.0000	OK
15 minute summer	S17	11	186.211	0.061	3.8	0.0977	0.0000	OK
15 minute summer	S18	12	185.923	0.099	8.3	0.1457	0.0000	OK
15 minute summer	S19	12	185.877	0.111	12.3	0.1596	0.0000	OK
30 minute summer	S20	23	184.664	0.022	0.6	0.0252	0.0000	OK
15 minute summer	S21	11	184.466	0.057	3.4	0.0754	0.0000	OK
30 minute summer	S22	20	184.329	0.098	6.9	0.1270	0.0000	OK
30 minute summer	S23	20	184.312	0.114	9.9	0.1474	0.0000	OK
30 minute summer	S24	20	184.158	0.141	18.1	0.1851	0.0000	OK
30 minute summer	S25	20	184.098	0.128	20.3	0.1774	0.0000	OK
15 minute summer	S26	10	185.415	0.038	3.2	0.0561	0.0000	OK
30 minute summer	FC1	22	188.518	0.268	1.2	0.3456	0.0000	SURCHARGED
30 minute summer	FC2	22	188.418	0.268	1.2	0.3459	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	24.5	1.040	0.077	0.0560	
15 minute summer	S17	23.001	J20	3.7	0.771	0.630	0.0347	
15 minute summer	S18	23.006	J24	8.2	0.511	0.257	0.0301	
15 minute summer	S19	23.010	J27	12.4	0.644	0.413	0.1710	
30 minute summer	S20	48.001	J41	0.6	0.478	0.101	0.0058	
15 minute summer	S21	48.004	J43	3.4	0.515	0.253	0.0336	
30 minute summer	S22	48.008	J46	6.9	0.432	0.218	0.0413	
30 minute summer	S23	48.011	J48	9.7	0.512	0.316	0.0221	
30 minute summer	S24	48.018	J56	18.0	0.571	0.337	0.1343	
30 minute summer	S25	48.021	BASIN 4	20.3	0.787	0.381	0.0994	
15 minute summer	S26	65.001	J54	3.2	0.873	0.306	0.0326	
30 minute summer	FC1	2.000	J1	0.5	0.404	0.081	0.0150	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	0.5	0.453	0.084	0.0071	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	22	188.579	0.379	1.6	0.5123	0.0000	SURCHARGED
30 minute summer	FC4	21	188.385	0.185	0.9	0.2314	0.0000	SURCHARGED
30 minute summer	FC5	22	188.268	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC6	21	188.035	0.185	0.9	0.2309	0.0000	SURCHARGED
30 minute summer	FC7	21	187.935	0.185	0.9	0.2316	0.0000	SURCHARGED
30 minute summer	FC8	22	188.016	0.266	1.2	0.3440	0.0000	SURCHARGED
30 minute summer	FC9	21	187.656	0.186	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC10	22	187.849	0.379	1.6	0.5120	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.6	0.499	0.097	0.0113	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.4	0.506	0.056	0.0060	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.5	0.451	0.085	0.0046	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.4	0.564	0.048	0.0054	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.4	0.489	0.058	0.0062	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.5	0.633	0.053	0.0033	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.4	0.431	0.070	0.0069	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.6	0.518	0.091	0.0073	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	22	187.588	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC12	22	187.498	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC13	22	187.268	0.268	1.2	0.3460	0.0000	SURCHARGED
180 minute summer	FC14	112	186.957	0.056	0.5	0.7200	0.0000	OK
30 minute summer	FC15	21	187.384	0.184	0.9	0.2297	0.0000	SURCHARGED
30 minute summer	FC16	21	187.086	0.186	0.9	0.2321	0.0000	SURCHARGED
30 minute summer	FC17	21	187.184	0.184	0.9	0.2301	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.5	0.455	0.085	0.0086	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.5	0.454	0.085	0.0076	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.5	0.455	0.085	0.0076	
30 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.2	0.354	0.035	0.0045	
180 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.4	0.912	0.024	0.0022	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.4	0.451	0.066	0.0070	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.4	0.714	0.034	0.0028	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	21	186.736	0.186	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC19	22	186.668	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC20	22	187.216	0.265	1.2	0.3427	0.0000	SURCHARGED
30 minute summer	FC21	22	186.568	0.268	1.2	0.3460	0.0000	SURCHARGED
120 minute summer	FC22	78	186.498	0.048	0.5	0.4650	0.0000	OK
30 minute summer	FC23	21	186.484	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC24	22	186.566	0.266	1.2	0.3430	0.0000	SURCHARGED
30 minute summer	FC25	22	186.816	0.265	1.2	0.3428	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.4	0.429	0.070	0.0068	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.5	0.453	0.085	0.0073	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.5	0.913	0.032	0.0024	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.5	0.454	0.085	0.0085	
30 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.2	0.345	0.013	0.0082	
120 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.4	0.757	0.031	0.0025	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.5	0.826	0.037	0.0029	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.5	0.906	0.032	0.0027	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	78	186.497	0.047	0.5	0.4729	0.0000	OK
30 minute summer	FC27	21	186.684	0.184	0.9	0.2297	0.0000	SURCHARGED
30 minute summer	FC28	22	186.766	0.265	1.2	0.3427	0.0000	SURCHARGED
30 minute summer	FC29	22	186.766	0.266	1.2	0.3428	0.0000	SURCHARGED
30 minute summer	FC30	22	187.016	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC31	21	186.634	0.184	0.9	0.2307	0.0000	SURCHARGED
30 minute summer	FC32	21	186.634	0.184	0.9	0.2300	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.2	0.601	0.014	0.0015	
120 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.4	1.061	0.020	0.0018	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.5	0.911	0.032	0.0024	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.5	0.887	0.033	0.0027	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.5	0.851	0.035	0.0026	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	0.4	0.345	0.046	0.0115	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	0.4	0.273	0.033	0.0121	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	22	186.716	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC34	22	186.718	0.268	1.2	0.3458	0.0000	SURCHARGED
30 minute summer	FC35	22	186.716	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC36	22	186.716	0.266	1.2	0.3428	0.0000	SURCHARGED
30 minute summer	FC37	22	186.178	0.378	1.6	0.5106	0.0000	SURCHARGED
180 minute summer	FC38	112	185.492	0.042	0.4	0.5086	0.0000	OK
30 minute summer	FC39	21	185.634	0.184	0.9	0.2299	0.0000	SURCHARGED
30 minute summer	FC40	22	185.765	0.265	1.2	0.3425	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.5	0.832	0.036	0.0073	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.5	0.466	0.081	0.0051	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.5	0.843	0.036	0.0031	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.5	0.883	0.033	0.0029	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.6	0.636	0.068	0.0063	
30 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.2	0.565	0.014	0.0015	
180 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.4	0.802	0.029	0.0023	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.5	1.037	0.027	0.0025	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	22	185.116	0.266	1.2	0.3437	0.0000	SURCHARGED
30 minute summer	FC42	22	184.867	0.267	1.2	0.3443	0.0000	SURCHARGED
30 minute summer	FC43	22	184.866	0.266	1.2	0.3437	0.0000	SURCHARGED
15 minute summer	FC44	10	184.621	0.021	1.0	0.0266	0.0000	OK
30 minute summer	FC45	21	184.784	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC46	22	185.080	0.380	1.6	0.5127	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	22	185.066	0.266	1.2	0.3429	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.5	0.678	0.048	0.0038	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.5	0.590	0.058	0.0042	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.5	0.671	0.049	0.0033	
30 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	1.0	0.821	0.091	0.0052	
15 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.4	0.747	0.032	0.0026	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.6	0.470	0.102	0.0077	
30 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
30 minute summer	FC48	50.000	J42	0.5	0.576	0.036	0.0065	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	22	185.068	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC50	22	185.068	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC51	22	185.118	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC52	22	185.516	0.266	1.2	0.3438	0.0000	SURCHARGED
30 minute summer	FC53	22	185.517	0.267	1.2	0.3441	0.0000	SURCHARGED
30 minute summer	FC54	21	185.434	0.184	0.9	0.2304	0.0000	SURCHARGED
30 minute summer	FC55	21	185.434	0.184	0.9	0.2299	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.5	0.451	0.085	0.0049	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.5	0.452	0.085	0.0052	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.5	0.454	0.085	0.0068	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.5	0.660	0.050	0.0042	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.5	0.620	0.054	0.0035	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.4	0.651	0.039	0.0026	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.4	0.820	0.028	0.0021	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	21	185.534	0.184	0.9	0.2298	0.0000	SURCHARGED
30 minute summer	FC57	21	185.534	0.184	0.9	0.2299	0.0000	SURCHARGED
30 minute summer	FC58	21	185.534	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC59	21	185.534	0.184	0.9	0.2302	0.0000	SURCHARGED
30 minute summer	FC60	22	185.616	0.266	1.2	0.3433	0.0000	SURCHARGED
30 minute summer	FC61	22	185.567	0.267	1.2	0.3443	0.0000	SURCHARGED
30 minute summer	FC62	22	185.628	0.378	1.6	0.5112	0.0000	SURCHARGED
30 minute summer	FC63	21	185.586	0.186	0.9	0.2322	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.4	0.845	0.027	0.0033	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.4	0.793	0.030	0.0034	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.4	0.763	0.031	0.0034	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.4	0.708	0.035	0.0038	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.5	0.741	0.043	0.0045	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.5	0.594	0.058	0.0063	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.6	0.577	0.079	0.0099	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	0.4	0.393	0.070	0.0041	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	21	185.342	0.192	0.9	0.2401	0.0000	SURCHARGED
30 minute summer	FC65	22	185.416	0.266	1.2	0.3438	0.0000	SURCHARGED
30 minute summer	FC66	22	185.268	0.267	1.2	0.3453	0.0000	SURCHARGED
120 minute summer	FC67	78	184.847	0.047	0.5	0.4821	0.0000	OK
30 minute summer	FC68	21	184.735	0.185	0.9	0.2310	0.0000	SURCHARGED
15 minute summer	J1	11	188.269	0.069	5.8	0.1008	0.0000	OK
15 minute summer	J2	11	188.141	0.085	6.2	0.0961	0.0000	OK
15 minute summer	J3	11	188.125	0.075	6.7	0.0844	0.0000	OK
15 minute summer	J4	11	188.091	0.052	7.0	0.0588	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	0.5	0.250	0.084	0.0080	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	0.5	0.330	0.052	0.0053	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.5	0.507	0.070	0.0021	
30 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012	
120 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.4	0.565	0.046	0.0017	
30 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	5.8	1.074	0.699	0.0271	
15 minute summer	J2	1.002	J3	6.2	0.650	0.460	0.0099	
15 minute summer	J3	1.003	J4	6.6	0.941	0.500	0.0138	
15 minute summer	J4	1.004	J5	7.0	1.406	0.204	0.0175	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	11	187.956	0.046	7.4	0.0515	0.0000	OK
15 minute summer	J6	12	187.715	0.065	7.7	0.0734	0.0000	OK
15 minute summer	J7	12	187.601	0.076	8.2	0.0861	0.0000	OK
15 minute summer	J8	12	187.568	0.047	8.7	0.0533	0.0000	OK
15 minute summer	J9	12	187.354	0.079	9.0	0.0894	0.0000	OK
15 minute summer	J10	12	187.316	0.046	9.5	0.0520	0.0000	OK
15 minute summer	J11	13	187.185	0.064	10.0	0.0725	0.0000	OK
15 minute summer	J12	12	186.891	0.082	15.6	0.0925	0.0000	OK
15 minute summer	J13	12	186.755	0.128	15.7	0.1446	0.0000	OK
15 minute summer	J14	12	186.741	0.119	16.1	0.1347	0.0000	OK
15 minute summer	J15	12	186.722	0.105	16.5	0.1189	0.0000	OK
15 minute summer	J16	12	186.686	0.081	16.9	0.0918	0.0000	OK
15 minute summer	J17	12	186.342	0.059	17.2	0.0665	0.0000	OK
15 minute summer	J18	12	186.204	0.079	20.1	0.0898	0.0000	OK
15 minute summer	J19	12	186.155	0.128	20.5	0.1452	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	7.4	1.261	0.192	0.0335	
15 minute summer	J6	1.006	J7	7.8	1.205	0.274	0.0127	
15 minute summer	J7	1.007	J8	8.3	0.942	0.270	0.0101	
15 minute summer	J8	1.008	J9	8.6	0.949	0.097	0.0781	
15 minute summer	J9	1.009	J10	9.0	1.002	0.270	0.0110	
15 minute summer	J10	1.010	J11	9.5	1.312	0.074	0.0183	
15 minute summer	J11	1.011	S2	9.9	0.684	0.153	0.0814	
15 minute summer	J12	1.013	J13	15.6	1.286	0.233	0.0785	
15 minute summer	J13	1.014	J14	15.7	0.576	0.278	0.0518	
15 minute summer	J14	1.015	J15	16.1	0.671	0.286	0.0460	
15 minute summer	J15	1.016	J16	16.5	0.886	0.309	0.0958	
15 minute summer	J16	1.017	J17	16.9	1.222	0.118	0.0464	
15 minute summer	J17	1.018	S3	17.2	1.058	0.055	0.0317	
15 minute summer	J18	1.020	J19	20.1	0.928	0.070	0.0325	
15 minute summer	J19	1.021	S4	20.5	0.791	0.371	0.1139	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	11	186.095	0.064	4.1	0.0724	0.0000	OK
15 minute summer	J21	11	186.073	0.064	4.5	0.0722	0.0000	OK
15 minute summer	J22	12	186.034	0.071	4.9	0.0799	0.0000	OK
15 minute summer	J23	12	186.010	0.068	5.0	0.0765	0.0000	OK
15 minute summer	J24	12	185.913	0.096	8.6	0.1088	0.0000	OK
15 minute summer	J25	12	185.899	0.103	8.9	0.1166	0.0000	OK
15 minute summer	J26	12	185.888	0.108	9.4	0.1227	0.0000	OK
15 minute summer	J27	12	185.845	0.109	12.8	0.1229	0.0000	OK
15 minute summer	J28	11	186.418	0.062	3.8	0.0705	0.0000	OK
15 minute summer	J29	11	186.339	0.068	4.2	0.0764	0.0000	OK
15 minute summer	J30	11	186.241	0.094	8.3	0.1064	0.0000	OK
15 minute summer	J31	12	186.132	0.088	8.7	0.0990	0.0000	OK
15 minute summer	J32	12	186.092	0.081	9.1	0.0919	0.0000	OK
15 minute summer	J33	12	185.588	0.053	12.7	0.0598	0.0000	OK
15 minute summer	J34	11	185.230	0.105	16.4	0.1182	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	4.1	0.574	0.303	0.0270	
15 minute summer	J21	23.003	J22	4.5	0.593	0.333	0.0608	
15 minute summer	J22	23.004	J23	4.9	0.623	0.363	0.0285	
15 minute summer	J23	23.005	S18	5.0	0.680	0.375	0.0554	
15 minute summer	J24	23.007	J25	8.4	0.512	0.280	0.1048	
15 minute summer	J25	23.008	J26	8.9	0.486	0.295	0.0910	
15 minute summer	J26	23.009	S19	9.4	0.506	0.307	0.0711	
15 minute summer	J27	23.011	S4	12.8	0.745	0.429	0.0411	
15 minute summer	J28	32.001	J29	3.8	0.721	0.649	0.0475	
15 minute summer	J29	32.002	S12	4.2	0.778	0.700	0.0249	
15 minute summer	J30	32.004	J31	8.2	0.759	0.622	0.0540	
15 minute summer	J31	32.005	J32	8.7	0.639	0.289	0.1323	
15 minute summer	J32	32.006	S13	9.2	0.912	0.305	0.0544	
15 minute summer	J33	32.008	S14	12.7	1.049	0.122	0.1124	
15 minute summer	J34	32.010	J35	16.3	1.147	0.423	0.1291	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	12	185.145	0.070	16.7	0.0795	0.0000	OK
15 minute summer	J36	12	184.985	0.110	17.3	0.1246	0.0000	OK
15 minute summer	J37	12	184.613	0.113	21.1	0.1274	0.0000	OK
15 minute summer	J38	12	184.453	0.153	24.9	0.1726	0.0000	OK
15 minute summer	J39	12	184.413	0.139	25.5	0.1570	0.0000	OK
15 minute summer	J40	12	184.380	0.115	26.4	0.1301	0.0000	OK
30 minute summer	J41	24	184.619	0.022	0.6	0.0243	0.0000	OK
30 minute summer	J42	23	184.567	0.030	1.1	0.0341	0.0000	OK
30 minute summer	J43	19	184.444	0.064	3.8	0.0728	0.0000	OK
30 minute summer	J44	19	184.431	0.061	4.2	0.0688	0.0000	OK
30 minute summer	J45	20	184.387	0.067	4.5	0.0752	0.0000	OK
30 minute summer	J46	20	184.323	0.101	7.2	0.1147	0.0000	OK
30 minute summer	J47	20	184.318	0.111	7.5	0.1250	0.0000	OK
30 minute summer	J48	20	184.303	0.109	10.2	0.1237	0.0000	OK
30 minute summer	J49	20	184.290	0.121	10.6	0.1369	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	16.8	1.130	0.189	0.1027	
15 minute summer	J36	32.012	S15	17.3	1.099	0.578	0.0375	
15 minute summer	J37	32.014	S16	21.2	1.172	0.384	0.0951	
15 minute summer	J38	32.016	J39	25.1	0.739	0.464	0.3670	
15 minute summer	J39	32.017	J40	25.5	0.901	0.467	0.1036	
15 minute summer	J40	32.018	S10	26.4	1.132	0.265	0.2230	
30 minute summer	J41	48.002	J42	0.6	0.377	0.102	0.0100	
30 minute summer	J42	48.003	S21	1.1	0.566	0.187	0.0159	
30 minute summer	J43	48.005	J44	3.8	0.546	0.271	0.0112	
30 minute summer	J44	48.006	J45	4.2	0.587	0.311	0.0622	
30 minute summer	J45	48.007	S22	4.6	0.649	0.336	0.0167	
30 minute summer	J46	48.009	J47	7.1	0.398	0.232	0.0774	
30 minute summer	J47	48.010	S23	7.6	0.381	0.251	0.0523	
30 minute summer	J48	48.012	J49	10.2	0.510	0.340	0.1523	
30 minute summer	J49	48.013	J50	10.6	0.507	0.346	0.0240	

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.281	0.116	11.1	0.1309	0.0000	OK
30 minute summer	J51	21	184.267	0.119	11.4	0.1346	0.0000	OK
30 minute summer	J52	21	184.255	0.111	12.0	0.1256	0.0000	OK
30 minute summer	J53	21	184.232	0.105	12.4	0.1187	0.0000	OK
15 minute summer	J54	11	185.189	0.060	3.5	0.0680	0.0000	OK
15 minute summer	J55	11	185.147	0.053	3.9	0.0603	0.0000	OK
30 minute summer	J56	20	184.142	0.135	18.2	0.1531	0.0000	OK
30 minute summer	J57	20	184.120	0.135	18.5	0.1529	0.0000	OK
240 minute winter	BASIN 1	224	185.478	0.553	14.1	57.4149	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1050	184.838	0.538	2.5	54.2969	0.0000	OK
2160 minute summer	BASIN 3	2400	183.013	-0.087	4.0	154.0419	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	11.0	0.530	0.369	0.1061	
30 minute summer	J51	48.015	J52	11.4	0.561	0.371	0.0232	
30 minute summer	J52	48.016	J53	12.0	0.638	0.392	0.0917	
30 minute summer	J53	48.017	S24	12.4	0.747	0.411	0.1705	
15 minute summer	J54	65.002	J55	3.5	0.757	0.586	0.0167	
15 minute summer	J55	65.003	S24	3.8	0.939	0.506	0.0322	
30 minute summer	J56	48.019	J57	18.1	0.588	0.334	0.2800	
30 minute summer	J57	48.020	S25	18.5	0.626	0.339	0.1820	
240 minute winter	BASIN 1	1.023	S5	2.5	0.218	0.031	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.6
1440 minute winter	BASIN 2	1.027	S7	2.1	0.471	0.025	0.0995	
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.280	0.067	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1110	183.586	0.256	3.7	73.7176	0.0000	OK
240 minute winter	SWALE 1	228	184.919	0.045	2.5	0.0649	0.0000	OK
2160 minute summer	SWALE 2	1440	184.417	0.042	2.1	0.0604	0.0000	OK
15 minute summer	SWALE 3	13	184.121	0.126	29.9	0.1798	0.0000	OK
1440 minute winter	BH1	1050	184.838	0.761	0.4	3.0090	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	BH3	1110	183.586	0.267	0.4	2.8507	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.4	0.243	0.007	0.2968	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2775	
2160 minute summer	SWALE 2	1.029	S8	2.1	0.444	0.025	0.1245	
15 minute summer	SWALE 3	1.033	BASIN 3	29.4	0.929	0.235	1.3681	
1440 minute winter	BH1	Infiltration		0.1				7.4
15 minute summer	BH2	Infiltration		0.0				0.0
1440 minute winter	BH3	Infiltration		0.2				12.8

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.552	0.182	6.8	0.2680	0.0000	SURCHARGED
15 minute summer	S2	11	187.221	0.182	31.4	0.3142	0.0000	OK
15 minute summer	S3	12	186.308	0.171	40.7	0.2267	0.0000	OK
480 minute summer	S4	400	186.012	0.634	24.1	0.8125	0.0000	SURCHARGED
480 minute summer	S5	400	186.012	1.101	3.6	1.5762	0.0000	SURCHARGED
480 minute winter	S6	464	184.862	0.054	3.6	0.0778	0.0000	OK
600 minute winter	S7	555	184.787	0.028	3.6	0.0407	0.0000	OK
600 minute winter	S8	555	184.361	0.030	3.6	0.0436	0.0000	OK
15 minute summer	S9	12	184.276	0.151	2.2	0.2160	0.0000	OK
15 minute summer	S10	12	184.276	0.163	69.2	0.2962	0.0000	OK
15 minute summer	S11	12	186.678	0.278	8.8	0.4372	0.0000	SURCHARGED
15 minute summer	S12	11	186.365	0.189	15.6	0.2795	0.0000	SURCHARGED
15 minute summer	S13	11	186.077	0.083	25.4	0.1249	0.0000	OK
15 minute summer	S14	11	185.351	0.176	35.5	0.2772	0.0000	OK
15 minute summer	S15	11	184.996	0.128	46.2	0.2020	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	5.7	0.774	0.648	0.0642	
15 minute summer	S2	1.012	J12	31.2	1.002	1.046	0.0463	
15 minute summer	S3	1.019	J18	40.8	1.139	0.765	0.1836	
480 minute summer	S4	1.022	BASIN 1	23.6	0.910	0.141	1.1778	
480 minute summer	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1956	
480 minute winter	S6	1.026	BASIN 2	3.6	0.460	0.041	0.0543	
600 minute winter	S7	1.028	SWALE 2	3.6	0.557	0.012	0.1100	
600 minute winter	S8	1.030	S9	3.6	0.581	0.014	0.0751	
15 minute summer	S9	1.031	S10	-2.2	-0.212	-0.026	0.2918	
15 minute summer	S10	1.032	SWALE 3	68.1	1.317	0.206	0.2347	
15 minute summer	S11	32.000	J28	7.3	0.936	1.232	0.0355	
15 minute summer	S12	32.003	J30	15.3	0.868	1.144	0.0895	
15 minute summer	S13	32.007	J33	25.3	1.989	0.258	0.1655	
15 minute summer	S14	32.009	J34	35.4	1.088	0.697	0.1705	
15 minute summer	S15	32.013	J37	46.1	2.139	0.499	0.2010	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.614	0.127	56.3	0.1941	0.0000	OK
15 minute summer	S17	11	186.360	0.210	9.4	0.3334	0.0000	SURCHARGED
480 minute summer	S18	400	186.012	0.188	4.9	0.2778	0.0000	OK
480 minute summer	S19	400	186.012	0.246	7.8	0.3543	0.0000	SURCHARGED
30 minute summer	S20	26	184.668	0.026	0.8	0.0292	0.0000	OK
15 minute summer	S21	11	184.508	0.099	7.7	0.1315	0.0000	OK
15 minute summer	S22	12	184.422	0.191	15.4	0.2475	0.0000	OK
15 minute summer	S23	12	184.403	0.205	21.7	0.2642	0.0000	OK
15 minute summer	S24	12	184.246	0.229	38.7	0.3012	0.0000	OK
15 minute summer	S25	12	184.168	0.198	44.6	0.2735	0.0000	OK
15 minute summer	S26	11	185.446	0.069	7.6	0.1023	0.0000	OK
30 minute summer	FC1	23	188.889	0.639	2.9	1.0555	0.0000	SURCHARGED
30 minute summer	FC2	23	188.785	0.635	2.9	1.0180	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	56.3	1.166	0.177	0.1080	
15 minute summer	S17	23.001	J20	8.8	1.119	1.477	0.0549	
480 minute summer	S18	23.006	J24	4.9	0.446	0.154	0.0660	
480 minute summer	S19	23.010	J27	7.8	0.567	0.259	0.3541	
30 minute summer	S20	48.001	J41	0.8	0.517	0.135	0.0072	
15 minute summer	S21	48.004	J43	7.7	0.609	0.574	0.0658	
15 minute summer	S22	48.008	J46	15.0	0.479	0.476	0.0880	
15 minute summer	S23	48.011	J48	21.3	0.605	0.692	0.0421	
15 minute summer	S24	48.018	J56	38.5	0.681	0.719	0.2395	
15 minute summer	S25	48.021	BASIN 4	44.4	1.004	0.834	0.1700	
15 minute summer	S26	65.001	J54	7.5	1.035	0.721	0.0580	
30 minute summer	FC1	2.000	J1	1.8	0.542	0.294	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	0.9	0.513	0.148	0.0210	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	25	188.848	0.648	4.0	1.5741	0.0000	SURCHARGED
30 minute summer	FC4	22	188.770	0.570	2.2	0.7132	0.0000	SURCHARGED
30 minute summer	FC5	23	188.634	0.634	2.9	1.0170	0.0000	SURCHARGED
30 minute summer	FC6	22	188.419	0.569	2.2	0.7124	0.0000	SURCHARGED
30 minute summer	FC7	22	188.320	0.570	2.2	0.7135	0.0000	SURCHARGED
30 minute summer	FC8	23	188.385	0.635	2.9	1.0135	0.0000	SURCHARGED
30 minute summer	FC9	22	188.041	0.571	2.2	0.7147	0.0000	SURCHARGED
30 minute summer	FC10	25	188.124	0.654	4.0	1.5713	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.8	0.540	0.128	0.0296	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.7	0.599	0.100	0.0108	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.7	0.663	0.086	0.0178	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.7	0.579	0.105	0.0094	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.8	0.719	0.083	0.0046	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.7	0.510	0.126	0.0106	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	23	187.957	0.636	2.9	1.0163	0.0000	SURCHARGED
30 minute summer	FC12	23	187.867	0.637	2.9	1.0160	0.0000	SURCHARGED
30 minute summer	FC13	23	187.636	0.636	2.9	1.0163	0.0000	SURCHARGED
120 minute summer	FC14	84	187.031	0.131	1.4	1.6743	0.0000	SURCHARGED
30 minute summer	FC15	22	187.768	0.568	2.2	0.7104	0.0000	SURCHARGED
30 minute summer	FC16	22	187.471	0.571	2.2	0.7143	0.0000	SURCHARGED
30 minute summer	FC17	22	187.569	0.569	2.2	0.7113	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0119	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0200	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.8	0.517	0.133	0.0105	
30 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0063	
120 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.082	0.043	0.0032	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.7	0.533	0.118	0.0106	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.7	0.845	0.061	0.0043	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	22	187.121	0.571	2.2	0.7147	0.0000	SURCHARGED
30 minute summer	FC19	23	187.036	0.636	2.9	1.0164	0.0000	SURCHARGED
30 minute summer	FC20	23	187.584	0.634	2.9	1.0112	0.0000	SURCHARGED
30 minute summer	FC21	23	186.935	0.635	2.9	1.0165	0.0000	SURCHARGED
60 minute winter	FC22	47	186.566	0.116	1.2	1.1208	0.0000	SURCHARGED
30 minute summer	FC23	22	186.868	0.568	2.2	0.7109	0.0000	SURCHARGED
30 minute summer	FC24	23	186.935	0.635	2.9	1.0120	0.0000	SURCHARGED
30 minute summer	FC25	23	187.185	0.635	2.9	1.0112	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.7	0.508	0.127	0.0103	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.8	0.514	0.134	0.0101	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.8	1.041	0.050	0.0033	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
30 minute summer	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.3	0.516	0.021	0.0154	
60 minute winter	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.894	0.056	0.0126	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.8	0.939	0.057	0.0127	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.8	1.033	0.050	0.0036	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	47	186.562	0.112	1.2	1.1303	0.0000	SURCHARGED
30 minute summer	FC27	22	187.068	0.568	2.2	0.7100	0.0000	SURCHARGED
30 minute summer	FC28	23	187.134	0.634	2.9	1.0113	0.0000	SURCHARGED
30 minute summer	FC29	23	187.133	0.633	2.9	1.0117	0.0000	SURCHARGED
30 minute summer	FC30	23	187.384	0.634	2.9	1.0120	0.0000	SURCHARGED
30 minute summer	FC31	22	187.034	0.584	2.2	0.7305	0.0000	SURCHARGED
30 minute summer	FC32	22	187.018	0.568	2.2	0.7110	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.3	0.700	0.024	0.0021	
60 minute winter	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.260	0.035	0.0100	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.8	1.039	0.050	0.0033	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.8	0.968	0.055	0.0036	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.4	0.518	0.160	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	0.7	0.394	0.059	0.0180	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	23	187.086	0.635	2.9	1.0116	0.0000	SURCHARGED
30 minute summer	FC34	23	187.086	0.636	2.9	1.0160	0.0000	SURCHARGED
30 minute summer	FC35	23	187.084	0.634	2.9	1.0121	0.0000	SURCHARGED
30 minute summer	FC36	23	187.082	0.632	2.9	1.0118	0.0000	SURCHARGED
30 minute summer	FC37	25	186.458	0.658	4.0	1.5690	0.0000	SURCHARGED
120 minute summer	FC38	82	185.548	0.098	1.1	1.1774	0.0000	OK
30 minute summer	FC39	22	186.018	0.568	2.2	0.7108	0.0000	SURCHARGED
30 minute summer	FC40	23	186.090	0.590	2.9	1.0187	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.8	0.949	0.056	0.0178	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0071	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.8	0.959	0.056	0.0043	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.005	0.052	0.0040	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077	
30 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.3	0.657	0.024	0.0021	
120 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.951	0.052	0.0035	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.170	0.040	0.0099	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	23	185.483	0.633	2.9	1.0133	0.0000	SURCHARGED
30 minute summer	FC42	23	185.233	0.633	2.9	1.0138	0.0000	SURCHARGED
30 minute summer	FC43	23	185.223	0.623	2.9	1.0164	0.0000	SURCHARGED
15 minute summer	FC44	10	184.634	0.034	2.4	0.0430	0.0000	OK
30 minute summer	FC45	22	185.168	0.568	2.2	0.7111	0.0000	SURCHARGED
30 minute summer	FC46	25	185.354	0.654	4.0	1.5725	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	23	185.435	0.635	2.9	1.0118	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.8	0.770	0.075	0.0052	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.8	0.671	0.092	0.0128	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0052	
30 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	2.4	1.045	0.223	0.0100	
15 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.7	0.884	0.057	0.0039	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
30 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
30 minute summer	FC48	50.000	J42	0.8	0.716	0.057	0.0086	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	23	185.435	0.635	2.9	1.0168	0.0000	SURCHARGED
30 minute summer	FC50	23	185.435	0.635	2.9	1.0167	0.0000	SURCHARGED
30 minute summer	FC51	23	185.484	0.634	2.9	1.0167	0.0000	SURCHARGED
30 minute summer	FC52	23	185.881	0.631	2.9	1.0145	0.0000	SURCHARGED
30 minute summer	FC53	23	185.885	0.635	2.9	1.0137	0.0000	SURCHARGED
30 minute summer	FC54	22	185.819	0.569	2.2	0.7117	0.0000	SURCHARGED
30 minute summer	FC55	22	185.818	0.568	2.2	0.7107	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.8	0.512	0.133	0.0072	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.8	0.515	0.133	0.0094	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.7	0.769	0.069	0.0039	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.972	0.050	0.0032	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	22	185.918	0.568	2.2	0.7106	0.0000	SURCHARGED
30 minute summer	FC57	22	185.918	0.568	2.2	0.7108	0.0000	SURCHARGED
30 minute summer	FC58	22	185.918	0.568	2.2	0.7110	0.0000	SURCHARGED
30 minute summer	FC59	22	185.919	0.569	2.2	0.7113	0.0000	SURCHARGED
30 minute summer	FC60	23	185.985	0.635	2.9	1.0122	0.0000	SURCHARGED
30 minute summer	FC61	23	185.935	0.635	2.9	1.0137	0.0000	SURCHARGED
30 minute summer	FC62	25	185.902	0.652	4.0	1.5709	0.0000	SURCHARGED
30 minute summer	FC63	22	185.974	0.574	2.2	0.7184	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.005	0.048	0.0049	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.942	0.053	0.0052	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.7	0.905	0.056	0.0051	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.7	0.839	0.062	0.0057	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.8	0.843	0.067	0.0062	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.8	0.676	0.092	0.0087	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.8	0.625	0.105	0.0120	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	0.9	0.541	0.146	0.0098	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	22	185.743	0.593	2.2	0.7419	0.0000	SURCHARGED
30 minute summer	FC65	23	185.786	0.636	2.9	1.0173	0.0000	SURCHARGED
30 minute summer	FC66	23	185.636	0.636	2.9	1.0159	0.0000	SURCHARGED
60 minute winter	FC67	47	184.911	0.111	1.2	1.1443	0.0000	SURCHARGED
30 minute summer	FC68	22	185.120	0.570	2.2	0.7126	0.0000	SURCHARGED
15 minute summer	J1	12	188.462	0.262	12.3	0.3847	0.0000	SURCHARGED
15 minute summer	J2	12	188.190	0.134	12.6	0.1515	0.0000	OK
15 minute summer	J3	12	188.162	0.112	13.4	0.1269	0.0000	OK
15 minute summer	J4	12	188.118	0.079	14.0	0.0896	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.2	0.333	0.211	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.2	0.422	0.126	0.0132	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
30 minute summer	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
60 minute winter	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.7	0.664	0.083	0.0026	
30 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	11.9	1.518	1.432	0.0389	
15 minute summer	J2	1.002	J3	12.6	0.814	0.936	0.0160	
15 minute summer	J3	1.003	J4	13.3	1.123	1.002	0.0230	
15 minute summer	J4	1.004	J5	13.9	1.606	0.409	0.0307	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.979	0.069	14.7	0.0782	0.0000	OK
15 minute summer	J6	13	187.751	0.101	15.4	0.1140	0.0000	OK
15 minute summer	J7	13	187.635	0.110	16.2	0.1243	0.0000	OK
15 minute summer	J8	13	187.590	0.069	17.3	0.0775	0.0000	OK
15 minute summer	J9	13	187.388	0.113	17.7	0.1281	0.0000	OK
15 minute summer	J10	13	187.340	0.070	18.3	0.0788	0.0000	OK
15 minute summer	J11	12	187.226	0.105	19.2	0.1184	0.0000	OK
15 minute summer	J12	11	186.936	0.127	31.9	0.1437	0.0000	OK
15 minute summer	J13	12	186.819	0.192	32.1	0.2168	0.0000	OK
15 minute summer	J14	12	186.799	0.177	32.8	0.1998	0.0000	OK
15 minute summer	J15	12	186.771	0.154	33.5	0.1743	0.0000	OK
15 minute summer	J16	12	186.727	0.122	34.2	0.1377	0.0000	OK
15 minute summer	J17	12	186.383	0.100	34.9	0.1133	0.0000	OK
15 minute summer	J18	12	186.258	0.133	41.6	0.1508	0.0000	OK
15 minute summer	J19	12	186.219	0.192	42.4	0.2172	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	14.7	1.436	0.385	0.0582	
15 minute summer	J6	1.006	J7	15.5	1.407	0.544	0.0216	
15 minute summer	J7	1.007	J8	16.5	1.128	0.537	0.0166	
15 minute summer	J8	1.008	J9	17.0	1.133	0.191	0.1278	
15 minute summer	J9	1.009	J10	17.5	1.156	0.524	0.0183	
15 minute summer	J10	1.010	J11	18.5	1.314	0.143	0.0348	
15 minute summer	J11	1.011	S2	19.3	0.805	0.300	0.1402	
15 minute summer	J12	1.013	J13	31.8	1.482	0.475	0.1419	
15 minute summer	J13	1.014	J14	32.2	0.711	0.568	0.0860	
15 minute summer	J14	1.015	J15	32.9	0.826	0.583	0.0762	
15 minute summer	J15	1.016	J16	33.6	1.062	0.630	0.1621	
15 minute summer	J16	1.017	J17	34.3	1.455	0.241	0.0792	
15 minute summer	J17	1.018	S3	34.9	1.157	0.112	0.0584	
15 minute summer	J18	1.020	J19	41.6	1.067	0.145	0.0580	
15 minute summer	J19	1.021	S4	42.4	0.990	0.768	0.1880	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	12	186.145	0.114	9.4	0.1285	0.0000	OK
15 minute summer	J21	12	186.122	0.113	10.0	0.1280	0.0000	OK
15 minute summer	J22	12	186.086	0.123	10.8	0.1395	0.0000	OK
15 minute summer	J23	12	186.058	0.116	10.9	0.1313	0.0000	OK
480 minute summer	J24	400	186.012	0.195	5.3	0.2205	0.0000	OK
480 minute summer	J25	400	186.012	0.216	5.7	0.2442	0.0000	OK
480 minute summer	J26	400	186.012	0.233	6.2	0.2634	0.0000	SURCHARGED
480 minute summer	J27	400	186.012	0.276	8.2	0.3120	0.0000	SURCHARGED
15 minute summer	J28	13	186.598	0.242	7.3	0.2739	0.0000	SURCHARGED
15 minute summer	J29	12	186.459	0.187	7.6	0.2120	0.0000	SURCHARGED
15 minute summer	J30	12	186.307	0.160	16.0	0.1806	0.0000	SURCHARGED
15 minute summer	J31	12	186.172	0.128	16.7	0.1452	0.0000	OK
15 minute summer	J32	12	186.126	0.115	17.6	0.1301	0.0000	OK
15 minute summer	J33	11	185.612	0.077	26.1	0.0875	0.0000	OK
15 minute summer	J34	11	185.293	0.168	35.6	0.1898	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	9.2	0.670	0.684	0.0539	
15 minute summer	J21	23.003	J22	10.0	0.685	0.745	0.1192	
15 minute summer	J22	23.004	J23	10.7	0.715	0.790	0.0541	
15 minute summer	J23	23.005	S18	11.1	0.841	0.829	0.1065	
480 minute summer	J24	23.007	J25	5.3	0.462	0.176	0.2342	
480 minute summer	J25	23.008	J26	5.7	0.455	0.190	0.1961	
480 minute summer	J26	23.009	S19	6.2	0.464	0.202	0.1474	
480 minute summer	J27	23.011	S4	8.2	0.656	0.275	0.0951	
15 minute summer	J28	32.001	J29	6.9	0.877	1.159	0.0691	
15 minute summer	J29	32.002	S12	8.1	1.032	1.359	0.0364	
15 minute summer	J30	32.004	J31	16.0	0.940	1.203	0.0805	
15 minute summer	J31	32.005	J32	16.8	0.766	0.558	0.2134	
15 minute summer	J32	32.006	S13	17.6	1.091	0.585	0.0889	
15 minute summer	J33	32.008	S14	26.0	1.185	0.250	0.2060	
15 minute summer	J34	32.010	J35	35.5	1.333	0.921	0.2388	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.194	0.118	36.1	0.1340	0.0000	OK
15 minute summer	J36	11	185.049	0.174	36.8	0.1963	0.0000	OK
15 minute summer	J37	11	184.677	0.177	46.8	0.2001	0.0000	OK
15 minute summer	J38	11	184.561	0.261	57.0	0.2956	0.0000	OK
15 minute summer	J39	11	184.505	0.230	57.4	0.2607	0.0000	OK
15 minute summer	J40	11	184.453	0.188	59.4	0.2124	0.0000	OK
30 minute summer	J41	26	184.622	0.025	0.8	0.0281	0.0000	OK
30 minute summer	J42	25	184.574	0.037	1.6	0.0416	0.0000	OK
15 minute summer	J43	12	184.487	0.107	8.4	0.1214	0.0000	OK
15 minute summer	J44	12	184.472	0.102	8.9	0.1149	0.0000	OK
15 minute summer	J45	12	184.440	0.120	9.4	0.1360	0.0000	OK
15 minute summer	J46	12	184.416	0.194	15.6	0.2198	0.0000	OK
15 minute summer	J47	12	184.409	0.202	16.0	0.2289	0.0000	OK
15 minute summer	J48	12	184.392	0.198	22.1	0.2243	0.0000	OK
15 minute summer	J49	12	184.373	0.204	22.7	0.2309	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	36.0	1.322	0.405	0.1857	
15 minute summer	J36	32.012	S15	36.7	1.313	1.222	0.0667	
15 minute summer	J37	32.014	S16	46.8	1.323	0.847	0.1858	
15 minute summer	J38	32.016	J39	56.7	0.918	1.050	0.6665	
15 minute summer	J39	32.017	J40	57.1	1.089	1.044	0.1910	
15 minute summer	J40	32.018	S10	59.1	1.379	0.593	0.4107	
30 minute summer	J41	48.002	J42	0.8	0.425	0.135	0.0128	
30 minute summer	J42	48.003	S21	1.6	0.626	0.271	0.0243	
15 minute summer	J43	48.005	J44	8.3	0.646	0.591	0.0210	
15 minute summer	J44	48.006	J45	8.7	0.683	0.655	0.1222	
15 minute summer	J45	48.007	S22	9.4	0.715	0.690	0.0354	
15 minute summer	J46	48.009	J47	15.4	0.435	0.499	0.1562	
15 minute summer	J47	48.010	S23	15.9	0.421	0.529	0.0998	
15 minute summer	J48	48.012	J49	22.0	0.606	0.735	0.2792	
15 minute summer	J49	48.013	J50	22.6	0.609	0.737	0.0423	

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.361	0.196	23.0	0.2216	0.0000	OK
15 minute summer	J51	13	184.342	0.194	23.9	0.2193	0.0000	OK
15 minute summer	J52	13	184.326	0.182	24.5	0.2057	0.0000	OK
15 minute summer	J53	13	184.298	0.171	25.2	0.1932	0.0000	OK
15 minute summer	J54	12	185.285	0.156	7.8	0.1760	0.0000	SURCHARGED
15 minute summer	J55	13	185.209	0.115	8.2	0.1298	0.0000	SURCHARGED
15 minute summer	J56	12	184.226	0.219	38.7	0.2479	0.0000	OK
15 minute summer	J57	12	184.198	0.213	39.2	0.2405	0.0000	OK
480 minute summer	BASIN 1	400	186.012	1.087	24.3	134.8835	0.0000	SURCHARGED
600 minute winter	BASIN 2	555	184.849	0.549	3.7	55.5734	0.0000	OK
2880 minute winter	BASIN 3	3000	183.752	0.652	6.9	467.3843	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	23.0	0.632	0.768	0.1854	
15 minute summer	J51	48.015	J52	23.7	0.671	0.772	0.0402	
15 minute summer	J52	48.016	J53	24.5	0.733	0.803	0.1627	
15 minute summer	J53	48.017	S24	25.4	0.869	0.842	0.3133	
15 minute summer	J54	65.002	J55	7.5	0.958	1.266	0.0285	
15 minute summer	J55	65.003	S24	7.7	1.040	1.014	0.0595	
15 minute summer	J56	48.019	J57	38.5	0.712	0.710	0.4931	
15 minute summer	J57	48.020	S25	39.4	0.777	0.721	0.3139	
480 minute summer	BASIN 1	1.023	S5	3.6	0.144	0.043	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				4.1
600 minute winter	BASIN 2	1.027	S7	3.6	0.562	0.043	0.1418	
600 minute winter	BASIN 2	71.000	BH1	1.0	0.529	0.162	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	1.1	0.319	0.009	1.8265	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2280	183.964	0.634	3.7	191.9655	0.0000	SURCHARGED
480 minute summer	SWALE 1	400	184.928	0.054	3.6	0.0769	0.0000	OK
600 minute winter	SWALE 2	555	184.428	0.053	3.6	0.0754	0.0000	OK
15 minute summer	SWALE 3	12	184.201	0.206	68.1	0.2942	0.0000	OK
600 minute winter	BH1	555	184.849	0.772	1.0	3.0409	0.0000	OK
2880 minute winter	BH2	3000	183.752	0.669	1.1	4.9272	0.0000	OK
2880 minute winter	BH3	2280	183.964	0.645	0.3	4.6139	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.3	0.135	0.005	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	3.6	0.384	0.043	0.3610	
600 minute winter	SWALE 2	1.029	S8	3.6	0.538	0.043	0.1746	
15 minute summer	SWALE 3	1.033	BASIN 3	68.5	1.160	0.548	2.5525	
600 minute winter	BH1	Infiltration		0.1				4.1
2880 minute winter	BH2	Infiltration		0.2				16.3
2880 minute winter	BH3	Infiltration		0.2				25.4

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.762	0.392	9.2	0.5761	0.0000	SURCHARGED
15 minute summer	S2	11	187.250	0.211	39.7	0.3656	0.0000	OK
600 minute winter	S3	555	186.364	0.227	11.4	0.3022	0.0000	OK
600 minute winter	S4	585	186.352	0.974	19.3	1.2489	0.0000	SURCHARGED
600 minute winter	S5	570	186.346	1.436	4.1	2.0552	0.0000	SURCHARGED
600 minute winter	S6	570	184.867	0.059	4.1	0.0837	0.0000	OK
600 minute winter	S7	570	184.790	0.030	4.1	0.0436	0.0000	OK
600 minute winter	S8	570	184.363	0.033	4.1	0.0468	0.0000	OK
15 minute summer	S9	12	184.311	0.186	3.0	0.2659	0.0000	OK
15 minute summer	S10	12	184.311	0.198	89.7	0.3595	0.0000	OK
15 minute summer	S11	12	186.883	0.483	11.9	0.7582	0.0000	SURCHARGED
15 minute summer	S12	11	186.429	0.253	18.9	0.3739	0.0000	SURCHARGED
15 minute summer	S13	11	186.089	0.095	31.8	0.1428	0.0000	OK
15 minute summer	S14	11	185.404	0.229	45.4	0.3611	0.0000	SURCHARGED
15 minute summer	S15	11	185.021	0.153	59.4	0.2413	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	7.2	0.921	0.825	0.0642	
15 minute summer	S2	1.012	J12	39.3	1.105	1.317	0.0524	
600 minute winter	S3	1.019	J18	11.4	0.997	0.214	0.2851	
600 minute winter	S4	1.022	BASIN 1	19.2	0.952	0.114	1.1778	
600 minute winter	S5	1.024	SWALE 1	4.1	0.393	0.049	0.2129	
600 minute winter	S6	1.026	BASIN 2	4.1	0.475	0.047	0.0606	
600 minute winter	S7	1.028	SWALE 2	4.1	0.585	0.014	0.1214	
600 minute winter	S8	1.030	S9	4.1	0.613	0.016	0.0856	
15 minute summer	S9	1.031	S10	-3.0	-0.207	-0.036	0.3785	
15 minute summer	S10	1.032	SWALE 3	88.5	1.368	0.268	0.2936	
15 minute summer	S11	32.000	J28	9.4	1.205	1.586	0.0355	
15 minute summer	S12	32.003	J30	18.5	1.053	1.388	0.0895	
15 minute summer	S13	32.007	J33	31.8	2.122	0.324	0.1949	
15 minute summer	S14	32.009	J34	45.3	1.152	0.893	0.2040	
15 minute summer	S15	32.013	J37	59.3	2.217	0.643	0.2508	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.647	0.160	72.8	0.2435	0.0000	OK
15 minute summer	S17	12	186.493	0.343	12.6	0.5459	0.0000	SURCHARGED
600 minute winter	S18	585	186.349	0.525	4.0	0.7764	0.0000	SURCHARGED
600 minute summer	S19	540	186.354	0.588	8.2	0.8472	0.0000	SURCHARGED
60 minute summer	S20	45	184.668	0.026	0.8	0.0296	0.0000	OK
15 minute summer	S21	12	184.571	0.162	10.1	0.2146	0.0000	SURCHARGED
15 minute summer	S22	12	184.489	0.258	18.6	0.3345	0.0000	SURCHARGED
15 minute summer	S23	12	184.462	0.264	26.3	0.3403	0.0000	SURCHARGED
15 minute summer	S24	12	184.281	0.264	46.4	0.3472	0.0000	OK
15 minute summer	S25	12	184.194	0.224	55.0	0.3102	0.0000	OK
15 minute summer	S26	12	185.555	0.178	9.7	0.2622	0.0000	SURCHARGED
30 minute summer	FC1	25	188.932	0.682	3.9	1.6130	0.0000	SURCHARGED
30 minute summer	FC2	25	188.823	0.673	3.9	1.5358	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	72.6	1.203	0.228	0.1253	
15 minute summer	S17	23.001	J20	11.2	1.435	1.894	0.0560	
600 minute winter	S18	23.006	J24	3.9	0.429	0.122	0.0729	
600 minute summer	S19	23.010	J27	8.2	0.575	0.274	0.3541	
60 minute summer	S20	48.001	J41	0.8	0.520	0.139	0.0073	
15 minute summer	S21	48.004	J43	9.7	0.642	0.728	0.0898	
15 minute summer	S22	48.008	J46	17.7	0.487	0.562	0.0967	
15 minute summer	S23	48.011	J48	25.8	0.649	0.837	0.0447	
15 minute summer	S24	48.018	J56	46.4	0.719	0.867	0.2736	
15 minute summer	S25	48.021	BASIN 4	55.1	1.083	1.033	0.1950	
15 minute summer	S26	65.001	J54	8.7	1.137	0.844	0.0667	
30 minute summer	FC1	2.000	J1	2.3	0.566	0.365	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	1.0	0.517	0.171	0.0287	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	44	188.880	0.680	4.0	2.3870	0.0000	SURCHARGED
30 minute summer	FC4	24	188.842	0.642	2.9	1.0397	0.0000	SURCHARGED
30 minute summer	FC5	25	188.669	0.669	3.9	1.5300	0.0000	SURCHARGED
30 minute summer	FC6	24	188.495	0.645	2.9	1.0377	0.0000	SURCHARGED
30 minute summer	FC7	24	188.395	0.645	2.9	1.0394	0.0000	SURCHARGED
30 minute summer	FC8	25	188.422	0.672	3.9	1.5252	0.0000	SURCHARGED
30 minute summer	FC9	24	188.115	0.645	2.9	1.0408	0.0000	SURCHARGED
60 minute summer	FC10	44	188.163	0.693	4.0	2.3826	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.8	0.544	0.131	0.0311	
60 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.8	0.609	0.107	0.0149	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.8	0.515	0.137	0.0069	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0231	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.8	0.589	0.112	0.0098	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.8	0.725	0.085	0.0047	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111	
30 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.8	0.566	0.125	0.0091	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	25	187.997	0.677	3.9	1.5276	0.0000	SURCHARGED
30 minute summer	FC12	25	187.908	0.678	3.9	1.5270	0.0000	SURCHARGED
30 minute summer	FC13	25	187.676	0.676	3.9	1.5277	0.0000	SURCHARGED
120 minute summer	FC14	84	187.083	0.183	1.9	2.3377	0.0000	SURCHARGED
30 minute summer	FC15	23	187.846	0.646	2.9	1.0351	0.0000	SURCHARGED
30 minute summer	FC16	24	187.546	0.646	2.9	1.0404	0.0000	SURCHARGED
30 minute summer	FC17	24	187.646	0.646	2.9	1.0360	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.8	0.521	0.138	0.0121	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.8	0.520	0.138	0.0289	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0107	
30 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.4	0.430	0.069	0.0072	
120 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.104	0.046	0.0034	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.8	0.543	0.126	0.0112	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.8	0.861	0.065	0.0045	
30 minute summer	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	24	187.197	0.647	2.9	1.0406	0.0000	SURCHARGED
30 minute summer	FC19	25	187.076	0.676	3.9	1.5278	0.0000	SURCHARGED
30 minute summer	FC20	25	187.620	0.670	3.9	1.5232	0.0000	SURCHARGED
30 minute summer	FC21	25	186.972	0.672	3.9	1.5287	0.0000	SURCHARGED
60 minute summer	FC22	47	186.614	0.163	2.2	1.5824	0.0000	SURCHARGED
30 minute summer	FC23	24	186.945	0.645	2.9	1.0359	0.0000	SURCHARGED
30 minute summer	FC24	25	186.972	0.672	3.9	1.5228	0.0000	SURCHARGED
30 minute summer	FC25	25	187.221	0.671	3.9	1.5231	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.8	0.517	0.135	0.0108	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.8	0.519	0.138	0.0104	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.8	1.049	0.051	0.0034	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.8	0.520	0.138	0.0120	
30 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	0.4	0.547	0.026	0.0197	
60 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.912	0.060	0.0199	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.8	0.946	0.059	0.0201	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.8	1.041	0.052	0.0037	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	47	186.608	0.158	2.2	1.5945	0.0000	SURCHARGED
30 minute summer	FC27	23	187.144	0.644	2.9	1.0345	0.0000	SURCHARGED
30 minute summer	FC28	25	187.169	0.669	3.9	1.5235	0.0000	SURCHARGED
30 minute summer	FC29	25	187.165	0.665	3.9	1.5251	0.0000	SURCHARGED
30 minute summer	FC30	25	187.420	0.670	3.9	1.5237	0.0000	SURCHARGED
30 minute summer	FC31	24	187.101	0.651	2.9	1.1055	0.0000	SURCHARGED
30 minute summer	FC32	24	187.097	0.647	2.9	1.0482	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.4	0.739	0.029	0.0024	
60 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.285	0.037	0.0190	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.8	1.046	0.051	0.0034	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.8	1.017	0.053	0.0038	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.8	0.976	0.056	0.0037	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.7	0.581	0.188	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	1.3	0.431	0.102	0.0317	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	25	187.124	0.674	3.9	1.5233	0.0000	SURCHARGED
30 minute summer	FC34	25	187.124	0.674	3.9	1.5277	0.0000	SURCHARGED
30 minute summer	FC35	25	187.120	0.670	3.9	1.5234	0.0000	SURCHARGED
30 minute summer	FC36	25	187.112	0.662	3.9	1.5261	0.0000	SURCHARGED
60 minute summer	FC37	44	186.501	0.701	4.0	2.3758	0.0000	FLOOD RISK
120 minute summer	FC38	82	185.588	0.137	1.4	1.6483	0.0000	SURCHARGED
30 minute summer	FC39	24	186.091	0.641	2.9	1.0363	0.0000	SURCHARGED
30 minute summer	FC40	25	186.126	0.626	3.9	1.5363	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.8	0.957	0.058	0.0179	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.8	0.533	0.132	0.0073	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.8	0.966	0.057	0.0043	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.012	0.053	0.0040	
30 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.8	0.697	0.094	0.0079	
60 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.4	0.693	0.029	0.0026	
120 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.181	0.041	0.0175	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	25	185.516	0.666	3.9	1.5247	0.0000	SURCHARGED
30 minute summer	FC42	25	185.267	0.667	3.9	1.5266	0.0000	SURCHARGED
30 minute summer	FC43	25	185.232	0.632	3.9	1.5327	0.0000	SURCHARGED
15 minute summer	FC44	10	184.641	0.041	3.2	0.0507	0.0000	OK
30 minute summer	FC45	24	185.245	0.644	2.9	1.0362	0.0000	SURCHARGED
60 minute summer	FC46	44	185.393	0.693	4.0	2.3837	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	25	185.471	0.671	3.9	1.5237	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.8	0.776	0.077	0.0053	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.8	0.676	0.094	0.0222	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.761	0.076	0.0146	
30 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	3.2	1.125	0.298	0.0124	
15 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.8	0.901	0.061	0.0041	
30 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
60 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
30 minute summer	FC48	50.000	J42	0.8	0.726	0.059	0.0088	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	25	185.472	0.672	3.9	1.5291	0.0000	SURCHARGED
30 minute summer	FC50	25	185.473	0.673	3.9	1.5288	0.0000	SURCHARGED
30 minute summer	FC51	25	185.517	0.667	3.9	1.5300	0.0000	SURCHARGED
30 minute summer	FC52	25	185.907	0.657	3.9	1.5272	0.0000	SURCHARGED
30 minute summer	FC53	25	185.921	0.671	3.9	1.5261	0.0000	SURCHARGED
30 minute summer	FC54	24	185.895	0.645	2.9	1.0375	0.0000	SURCHARGED
30 minute summer	FC55	24	185.893	0.643	2.9	1.0360	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.8	0.516	0.137	0.0069	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0074	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.8	0.518	0.137	0.0096	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.754	0.080	0.0058	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.8	0.710	0.088	0.0049	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.8	0.783	0.074	0.0041	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.990	0.054	0.0034	
30 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	24	185.988	0.638	2.9	1.0373	0.0000	SURCHARGED
30 minute summer	FC57	24	185.988	0.638	2.9	1.0368	0.0000	SURCHARGED
30 minute summer	FC58	24	185.994	0.644	2.9	1.0363	0.0000	SURCHARGED
30 minute summer	FC59	24	185.996	0.646	2.9	1.0361	0.0000	SURCHARGED
30 minute summer	FC60	25	186.022	0.672	3.9	1.5238	0.0000	SURCHARGED
30 minute summer	FC61	25	185.972	0.672	3.9	1.5257	0.0000	SURCHARGED
60 minute summer	FC62	44	185.937	0.687	4.0	2.3821	0.0000	SURCHARGED
30 minute summer	FC63	24	186.047	0.647	2.9	1.0598	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.022	0.051	0.0051	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.958	0.056	0.0054	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.8	0.922	0.060	0.0054	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.8	0.855	0.067	0.0060	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.8	0.850	0.069	0.0063	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.8	0.682	0.094	0.0088	
30 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.8	0.630	0.108	0.0123	
60 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	1.6	0.593	0.276	0.0188	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	24	185.801	0.651	2.9	1.0996	0.0000	SURCHARGED
30 minute summer	FC65	25	185.826	0.676	3.9	1.5436	0.0000	SURCHARGED
30 minute summer	FC66	25	185.675	0.674	3.9	1.5270	0.0000	SURCHARGED
60 minute summer	FC67	47	184.957	0.157	2.2	1.6100	0.0000	SURCHARGED
30 minute summer	FC68	24	185.195	0.645	2.9	1.0384	0.0000	SURCHARGED
15 minute summer	J1	12	188.614	0.414	15.8	0.6094	0.0000	SURCHARGED
15 minute summer	J2	12	188.212	0.156	15.4	0.1762	0.0000	SURCHARGED
15 minute summer	J3	12	188.178	0.128	16.1	0.1445	0.0000	OK
15 minute summer	J4	13	188.129	0.090	16.8	0.1017	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.6	0.356	0.277	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.4	0.446	0.145	0.0172	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.8	0.579	0.113	0.0030	
30 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.4	0.407	0.064	0.0019	
60 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027	
30 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	14.6	1.870	1.764	0.0393	
15 minute summer	J2	1.002	J3	15.3	0.889	1.140	0.0174	
15 minute summer	J3	1.003	J4	16.1	1.174	1.209	0.0263	
15 minute summer	J4	1.004	J5	16.8	1.656	0.494	0.0360	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.989	0.078	17.6	0.0888	0.0000	OK
15 minute summer	J6	13	187.765	0.115	18.5	0.1297	0.0000	OK
15 minute summer	J7	12	187.645	0.120	19.3	0.1359	0.0000	OK
15 minute summer	J8	13	187.597	0.076	20.7	0.0860	0.0000	OK
15 minute summer	J9	13	187.398	0.123	20.9	0.1396	0.0000	OK
15 minute summer	J10	13	187.349	0.079	22.4	0.0890	0.0000	OK
15 minute summer	J11	11	187.253	0.132	22.5	0.1496	0.0000	OK
15 minute summer	J12	11	186.959	0.150	40.1	0.1701	0.0000	OK
15 minute summer	J13	12	186.846	0.219	40.2	0.2478	0.0000	OK
15 minute summer	J14	12	186.823	0.201	40.9	0.2276	0.0000	OK
15 minute summer	J15	12	186.792	0.175	41.8	0.1976	0.0000	OK
15 minute summer	J16	12	186.744	0.139	42.7	0.1569	0.0000	OK
15 minute summer	J17	12	186.404	0.121	43.5	0.1369	0.0000	OK
600 minute summer	J18	510	186.352	0.227	16.8	0.2568	0.0000	OK
600 minute winter	J19	585	186.352	0.325	24.9	0.3676	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	17.7	1.477	0.462	0.0675	
15 minute summer	J6	1.006	J7	18.5	1.460	0.650	0.0248	
15 minute summer	J7	1.007	J8	19.9	1.205	0.647	0.0188	
15 minute summer	J8	1.008	J9	20.1	1.184	0.226	0.1442	
15 minute summer	J9	1.009	J10	21.6	1.253	0.647	0.0208	
15 minute summer	J10	1.010	J11	21.7	1.319	0.168	0.0445	
15 minute summer	J11	1.011	S2	22.8	0.832	0.354	0.1691	
15 minute summer	J12	1.013	J13	39.9	1.490	0.596	0.1775	
15 minute summer	J13	1.014	J14	40.1	0.764	0.708	0.0999	
15 minute summer	J14	1.015	J15	41.0	0.883	0.728	0.0889	
15 minute summer	J15	1.016	J16	41.9	1.125	0.786	0.1907	
15 minute summer	J16	1.017	J17	42.7	1.537	0.300	0.0936	
15 minute summer	J17	1.018	S3	43.6	1.178	0.140	0.0716	
600 minute summer	J18	1.020	J19	26.7	0.897	0.093	0.0950	
600 minute winter	J19	1.021	S4	12.2	0.683	0.221	0.3096	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	570	186.347	0.316	1.7	0.3578	0.0000	SURCHARGED
600 minute winter	J21	570	186.348	0.339	2.1	0.3830	0.0000	SURCHARGED
600 minute summer	J22	540	186.349	0.386	3.5	0.4368	0.0000	SURCHARGED
600 minute winter	J23	555	186.347	0.405	2.8	0.4578	0.0000	SURCHARGED
600 minute winter	J24	585	186.348	0.531	4.2	0.6002	0.0000	SURCHARGED
600 minute summer	J25	540	186.350	0.554	6.4	0.6263	0.0000	SURCHARGED
600 minute summer	J26	540	186.356	0.577	6.7	0.6522	0.0000	SURCHARGED
600 minute winter	J27	555	186.354	0.618	6.6	0.6987	0.0000	SURCHARGED
15 minute summer	J28	13	186.760	0.404	9.4	0.4572	0.0000	SURCHARGED
15 minute summer	J29	13	186.553	0.282	9.2	0.3187	0.0000	SURCHARGED
15 minute summer	J30	12	186.342	0.195	19.3	0.2202	0.0000	SURCHARGED
15 minute summer	J31	12	186.188	0.144	20.1	0.1630	0.0000	OK
15 minute summer	J32	12	186.139	0.128	20.9	0.1444	0.0000	OK
15 minute summer	J33	11	185.621	0.086	32.6	0.0973	0.0000	OK
15 minute summer	J34	11	185.331	0.206	45.6	0.2326	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	1.7	0.454	0.129	0.0665	
600 minute winter	J21	23.003	J22	2.1	0.481	0.159	0.1411	
600 minute summer	J22	23.004	J23	3.5	0.560	0.261	0.0633	
600 minute winter	J23	23.005	S18	2.8	0.583	0.207	0.1321	
600 minute winter	J24	23.007	J25	4.2	0.444	0.140	0.2458	
600 minute summer	J25	23.008	J26	6.1	0.459	0.203	0.1975	
600 minute summer	J26	23.009	S19	6.6	0.467	0.216	0.1474	
600 minute winter	J27	23.011	S4	11.9	0.615	0.399	0.0951	
15 minute summer	J28	32.001	J29	8.3	1.058	1.397	0.0691	
15 minute summer	J29	32.002	S12	9.7	1.242	1.638	0.0364	
15 minute summer	J30	32.004	J31	19.3	1.103	1.454	0.0834	
15 minute summer	J31	32.005	J32	20.1	0.804	0.671	0.2441	
15 minute summer	J32	32.006	S13	21.0	1.132	0.699	0.1039	
15 minute summer	J33	32.008	S14	32.5	1.207	0.313	0.2438	
15 minute summer	J34	32.010	J35	45.4	1.365	1.177	0.2943	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.221	0.146	46.1	0.1646	0.0000	OK
15 minute summer	J36	11	185.083	0.208	46.7	0.2348	0.0000	OK
15 minute summer	J37	11	184.710	0.210	60.1	0.2376	0.0000	OK
15 minute summer	J38	11	184.629	0.329	72.8	0.3716	0.0000	SURCHARGED
15 minute summer	J39	11	184.553	0.279	73.3	0.3152	0.0000	OK
15 minute summer	J40	11	184.489	0.224	76.3	0.2531	0.0000	OK
60 minute summer	J41	46	184.622	0.025	0.8	0.0285	0.0000	OK
60 minute summer	J42	44	184.574	0.037	1.6	0.0423	0.0000	OK
15 minute summer	J43	12	184.553	0.173	10.4	0.1957	0.0000	SURCHARGED
15 minute summer	J44	12	184.542	0.172	10.7	0.1944	0.0000	SURCHARGED
15 minute summer	J45	12	184.506	0.186	10.8	0.2108	0.0000	SURCHARGED
15 minute summer	J46	12	184.482	0.260	18.3	0.2936	0.0000	SURCHARGED
15 minute summer	J47	12	184.471	0.264	18.7	0.2987	0.0000	SURCHARGED
15 minute summer	J48	12	184.449	0.255	26.6	0.2881	0.0000	SURCHARGED
15 minute summer	J49	12	184.418	0.249	27.0	0.2814	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	45.9	1.378	0.516	0.2249	
15 minute summer	J36	32.012	S15	46.5	1.387	1.551	0.0796	
15 minute summer	J37	32.014	S16	59.9	1.388	1.085	0.2355	
15 minute summer	J38	32.016	J39	72.5	1.030	1.342	0.7499	
15 minute summer	J39	32.017	J40	73.1	1.161	1.337	0.2277	
15 minute summer	J40	32.018	S10	76.2	1.458	0.766	0.4994	
60 minute summer	J41	48.002	J42	0.8	0.450	0.139	0.0131	
60 minute summer	J42	48.003	S21	1.6	0.630	0.278	0.0271	
15 minute summer	J43	48.005	J44	10.0	0.674	0.719	0.0283	
15 minute summer	J44	48.006	J45	10.1	0.693	0.758	0.1545	
15 minute summer	J45	48.007	S22	11.4	0.706	0.844	0.0419	
15 minute summer	J46	48.009	J47	17.9	0.449	0.580	0.1676	
15 minute summer	J47	48.010	S23	18.7	0.469	0.619	0.1050	
15 minute summer	J48	48.012	J49	26.2	0.659	0.876	0.2962	
15 minute summer	J49	48.013	J50	26.9	0.676	0.877	0.0451	

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.403	0.238	27.7	0.2692	0.0000	SURCHARGED
15 minute summer	J51	12	184.377	0.229	28.3	0.2585	0.0000	SURCHARGED
15 minute summer	J52	12	184.360	0.216	29.0	0.2441	0.0000	OK
15 minute summer	J53	12	184.331	0.204	29.9	0.2305	0.0000	OK
15 minute summer	J54	13	185.361	0.232	8.7	0.2622	0.0000	SURCHARGED
15 minute summer	J55	14	185.261	0.167	8.8	0.1886	0.0000	SURCHARGED
15 minute summer	J56	12	184.259	0.252	46.7	0.2854	0.0000	OK
15 minute summer	J57	12	184.228	0.243	47.4	0.2744	0.0000	OK
600 minute winter	BASIN 1	570	186.346	1.421	19.8	190.7421	0.0000	SURCHARGED
600 minute winter	BASIN 2	570	184.853	0.553	4.2	55.9957	0.0000	OK
4320 minute winter	BASIN 3	4200	184.251	1.151	7.3	706.0386	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	27.6	0.693	0.922	0.2018	
15 minute summer	J51	48.015	J52	28.2	0.712	0.922	0.0448	
15 minute summer	J52	48.016	J53	29.1	0.757	0.953	0.1877	
15 minute summer	J53	48.017	S24	30.2	0.860	1.000	0.3768	
15 minute summer	J54	65.002	J55	8.3	1.064	1.407	0.0285	
15 minute summer	J55	65.003	S24	8.7	1.115	1.146	0.0603	
15 minute summer	J56	48.019	J57	46.6	0.750	0.860	0.5646	
15 minute summer	J57	48.020	S25	47.4	0.821	0.868	0.3595	
600 minute winter	BASIN 1	1.023	S5	4.1	0.127	0.050	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.8
600 minute winter	BASIN 2	1.027	S7	4.1	0.590	0.050	0.1566	
600 minute winter	BASIN 2	71.000	BH1	0.9	0.529	0.155	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.6	0.058	0.005	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	3360	184.183	0.853	3.8	265.6734	0.0000	SURCHARGED
480 minute winter	SWALE 1	384	184.931	0.057	4.1	0.0818	0.0000	OK
600 minute winter	SWALE 2	570	184.431	0.056	4.1	0.0806	0.0000	OK
4320 minute winter	SWALE 3	4200	184.251	0.256	7.9	0.3657	0.0000	OK
600 minute winter	BH1	570	184.853	0.776	0.9	3.0514	0.0000	OK
4320 minute winter	BH2	4200	184.251	1.168	0.6	7.4047	0.0000	OK
4320 minute winter	BH3	3360	184.183	0.864	0.3	5.6370	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	4.1	0.399	0.050	0.3995	
600 minute winter	SWALE 2	1.029	S8	4.1	0.563	0.050	0.1927	
4320 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.622	0.055	4.1110	
600 minute winter	BH1	Infiltration		0.1				4.2
4320 minute winter	BH2	Infiltration		0.2				27.2
4320 minute winter	BH3	Infiltration		0.2				38.3

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.708	0.338	8.6	0.4975	0.0000	SURCHARGED
15 minute summer	S2	11	187.243	0.204	37.7	0.3531	0.0000	OK
15 minute summer	S3	12	186.328	0.191	48.7	0.2535	0.0000	OK
1440 minute summer	S4	990	186.320	0.942	15.8	1.2076	0.0000	SURCHARGED
1440 minute summer	S5	990	186.318	1.408	4.1	2.0154	0.0000	SURCHARGED
1440 minute summer	S6	1020	184.866	0.058	4.1	0.0833	0.0000	OK
1440 minute summer	S7	1020	184.789	0.030	4.1	0.0434	0.0000	OK
1440 minute summer	S8	1020	184.363	0.033	4.1	0.0466	0.0000	OK
15 minute summer	S9	12	184.303	0.178	2.7	0.2546	0.0000	OK
15 minute summer	S10	12	184.303	0.190	84.8	0.3451	0.0000	OK
15 minute summer	S11	12	186.831	0.431	11.1	0.6766	0.0000	SURCHARGED
15 minute summer	S12	11	186.414	0.238	18.1	0.3514	0.0000	SURCHARGED
15 minute summer	S13	11	186.086	0.093	30.4	0.1385	0.0000	OK
15 minute summer	S14	11	185.388	0.213	43.1	0.3357	0.0000	OK
15 minute summer	S15	11	185.014	0.147	56.2	0.2317	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	6.9	0.878	0.786	0.0642	
15 minute summer	S2	1.012	J12	37.4	1.081	1.254	0.0512	
15 minute summer	S3	1.019	J18	48.8	1.177	0.915	0.2124	
1440 minute summer	S4	1.022	BASIN 1	15.6	0.795	0.093	1.1778	
1440 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2114	
1440 minute summer	S6	1.026	BASIN 2	4.1	0.441	0.047	0.0602	
1440 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1206	
1440 minute summer	S8	1.030	S9	4.1	0.607	0.016	0.0895	
15 minute summer	S9	1.031	S10	-2.7	-0.210	-0.033	0.3588	
15 minute summer	S10	1.032	SWALE 3	83.5	1.355	0.253	0.2798	
15 minute summer	S11	32.000	J28	8.9	1.138	1.497	0.0355	
15 minute summer	S12	32.003	J30	17.8	1.011	1.332	0.0895	
15 minute summer	S13	32.007	J33	30.3	2.077	0.309	0.1898	
15 minute summer	S14	32.009	J34	42.9	1.133	0.845	0.1978	
15 minute summer	S15	32.013	J37	56.0	2.224	0.607	0.2350	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.635	0.148	68.7	0.2260	0.0000	OK
15 minute summer	S17	11	186.464	0.314	11.8	0.4991	0.0000	SURCHARGED
1440 minute summer	S18	990	186.319	0.495	3.4	0.7322	0.0000	SURCHARGED
1440 minute summer	S19	990	186.320	0.554	5.1	0.7978	0.0000	SURCHARGED
60 minute summer	S20	44	184.668	0.026	0.8	0.0295	0.0000	OK
15 minute summer	S21	12	184.541	0.132	9.6	0.1749	0.0000	OK
15 minute summer	S22	12	184.471	0.240	17.8	0.3114	0.0000	SURCHARGED
15 minute summer	S23	12	184.446	0.248	25.5	0.3201	0.0000	SURCHARGED
15 minute summer	S24	12	184.274	0.257	44.8	0.3375	0.0000	OK
2880 minute winter	S25	2700	184.196	0.226	4.2	0.3123	0.0000	OK
15 minute summer	S26	12	185.520	0.143	9.1	0.2114	0.0000	SURCHARGED
30 minute summer	FC1	24	188.923	0.673	3.7	1.4968	0.0000	SURCHARGED
60 minute summer	FC2	42	188.816	0.665	2.8	1.4331	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	68.6	1.200	0.216	0.1213	
15 minute summer	S17	23.001	J20	10.9	1.387	1.831	0.0560	
1440 minute summer	S18	23.006	J24	3.2	0.414	0.102	0.0729	
1440 minute summer	S19	23.010	J27	5.1	0.509	0.169	0.3541	
60 minute summer	S20	48.001	J41	0.8	0.519	0.138	0.0073	
15 minute summer	S21	48.004	J43	9.2	0.634	0.691	0.0866	
15 minute summer	S22	48.008	J46	17.1	0.485	0.543	0.0967	
15 minute summer	S23	48.011	J48	25.0	0.631	0.810	0.0447	
15 minute summer	S24	48.018	J56	44.8	0.711	0.837	0.2671	
2880 minute winter	S25	48.021	BASIN 4	4.2	0.508	0.079	0.2233	
15 minute summer	S26	65.001	J54	8.4	1.105	0.807	0.0667	
30 minute summer	FC1	2.000	J1	2.2	0.564	0.358	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	0.9	0.517	0.153	0.0213	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	44	188.874	0.674	3.8	2.2264	0.0000	SURCHARGED
30 minute summer	FC4	23	188.836	0.636	2.8	0.9655	0.0000	SURCHARGED
60 minute summer	FC5	42	188.662	0.662	2.8	1.4331	0.0000	SURCHARGED
30 minute summer	FC6	23	188.488	0.638	2.8	0.9640	0.0000	SURCHARGED
30 minute summer	FC7	23	188.388	0.638	2.8	0.9655	0.0000	SURCHARGED
60 minute summer	FC8	42	188.415	0.665	2.8	1.4266	0.0000	SURCHARGED
30 minute summer	FC9	23	188.108	0.638	2.8	0.9669	0.0000	SURCHARGED
60 minute summer	FC10	44	188.155	0.685	3.8	2.2223	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.8	0.543	0.131	0.0299	
60 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.8	0.608	0.106	0.0142	
30 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0065	
60 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.8	0.678	0.092	0.0222	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.8	0.588	0.112	0.0098	
30 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.8	0.724	0.085	0.0047	
60 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
30 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	42	187.989	0.669	2.8	1.4305	0.0000	SURCHARGED
60 minute summer	FC12	42	187.900	0.670	2.8	1.4300	0.0000	SURCHARGED
60 minute summer	FC13	42	187.668	0.668	2.8	1.4307	0.0000	SURCHARGED
60 minute summer	FC14	52	187.070	0.170	2.8	2.1617	0.0000	SURCHARGED
30 minute summer	FC15	23	187.839	0.639	2.8	0.9614	0.0000	SURCHARGED
30 minute summer	FC16	23	187.539	0.639	2.8	0.9664	0.0000	SURCHARGED
30 minute summer	FC17	23	187.639	0.639	2.8	0.9627	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.8	0.520	0.137	0.0121	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	0.8	0.520	0.137	0.0212	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0106	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.4	0.425	0.066	0.0070	
60 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.102	0.046	0.0034	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.8	0.860	0.065	0.0045	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	23	187.189	0.639	2.8	0.9670	0.0000	SURCHARGED
60 minute summer	FC19	42	187.069	0.669	2.8	1.4308	0.0000	SURCHARGED
60 minute summer	FC20	42	187.613	0.663	2.8	1.4230	0.0000	SURCHARGED
60 minute summer	FC21	42	186.965	0.665	2.8	1.4317	0.0000	SURCHARGED
60 minute winter	FC22	48	186.604	0.154	1.5	1.4899	0.0000	SURCHARGED
30 minute summer	FC23	23	186.938	0.638	2.8	0.9623	0.0000	SURCHARGED
60 minute summer	FC24	42	186.965	0.665	2.8	1.4231	0.0000	SURCHARGED
60 minute summer	FC25	42	187.214	0.664	2.8	1.4229	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.8	0.516	0.134	0.0108	
30 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.8	0.518	0.137	0.0103	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.8	1.047	0.051	0.0034	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.8	0.519	0.137	0.0119	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.4	0.544	0.025	0.0195	
60 minute winter	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.911	0.060	0.0193	
30 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.8	0.945	0.059	0.0130	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.8	1.040	0.051	0.0037	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	48	186.599	0.149	1.5	1.5019	0.0000	SURCHARGED
30 minute summer	FC27	23	187.137	0.637	2.8	0.9613	0.0000	SURCHARGED
60 minute summer	FC28	42	187.163	0.663	2.8	1.4233	0.0000	SURCHARGED
60 minute summer	FC29	42	187.159	0.659	2.8	1.4248	0.0000	SURCHARGED
60 minute summer	FC30	42	187.413	0.663	2.8	1.4235	0.0000	SURCHARGED
30 minute summer	FC31	23	187.093	0.643	2.8	1.0164	0.0000	SURCHARGED
30 minute summer	FC32	23	187.089	0.639	2.8	0.9703	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.4	0.732	0.028	0.0024	
60 minute winter	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.282	0.037	0.0182	
30 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.8	1.045	0.051	0.0034	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.8	1.016	0.053	0.0038	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.8	0.975	0.056	0.0037	
60 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.7	0.567	0.183	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	1.3	0.422	0.102	0.0285	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	42	187.117	0.666	2.8	1.4225	0.0000	SURCHARGED
60 minute summer	FC34	42	187.117	0.667	2.8	1.4312	0.0000	SURCHARGED
60 minute summer	FC35	42	187.113	0.663	2.8	1.4235	0.0000	SURCHARGED
60 minute summer	FC36	42	187.106	0.656	2.8	1.4258	0.0000	SURCHARGED
60 minute summer	FC37	44	186.493	0.693	3.8	2.2158	0.0000	SURCHARGED
60 minute winter	FC38	49	185.579	0.129	1.5	1.5506	0.0000	SURCHARGED
30 minute summer	FC39	23	186.085	0.635	2.8	0.9623	0.0000	SURCHARGED
60 minute summer	FC40	42	186.120	0.620	2.8	1.4396	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	0.8	0.955	0.057	0.0179	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.8	0.532	0.131	0.0073	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.8	0.965	0.057	0.0043	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.8	1.011	0.053	0.0040	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.8	0.696	0.093	0.0078	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.3	0.687	0.028	0.0031	
60 minute winter	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.966	0.055	0.0037	
30 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.179	0.041	0.0101	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	42	185.510	0.660	2.8	1.4265	0.0000	SURCHARGED
60 minute summer	FC42	42	185.260	0.660	2.8	1.4284	0.0000	SURCHARGED
60 minute summer	FC43	42	185.231	0.631	2.8	1.4347	0.0000	SURCHARGED
15 minute summer	FC44	10	184.639	0.039	3.0	0.0488	0.0000	OK
30 minute summer	FC45	23	185.238	0.637	2.8	0.9629	0.0000	SURCHARGED
60 minute summer	FC46	44	185.385	0.685	3.8	2.2241	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	42	185.464	0.664	2.8	1.4231	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.8	0.775	0.077	0.0053	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	0.8	0.675	0.094	0.0130	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.761	0.077	0.0052	
60 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	3.0	1.107	0.279	0.0118	
15 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.8	0.899	0.061	0.0041	
30 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
60 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
60 minute summer	FC48	50.000	J42	0.8	0.680	0.058	0.0087	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	42	185.465	0.665	2.8	1.4322	0.0000	SURCHARGED
60 minute summer	FC50	42	185.466	0.666	2.8	1.4319	0.0000	SURCHARGED
60 minute summer	FC51	42	185.511	0.660	2.8	1.4330	0.0000	SURCHARGED
60 minute summer	FC52	42	185.902	0.652	2.8	1.4291	0.0000	SURCHARGED
60 minute summer	FC53	42	185.914	0.664	2.8	1.4271	0.0000	SURCHARGED
30 minute summer	FC54	23	185.888	0.638	2.8	0.9632	0.0000	SURCHARGED
30 minute summer	FC55	23	185.887	0.637	2.8	0.9620	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.8	0.515	0.136	0.0068	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0073	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.8	0.518	0.136	0.0096	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.8	0.709	0.087	0.0049	
60 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.8	0.782	0.074	0.0040	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.988	0.053	0.0033	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	23	185.983	0.632	2.8	0.9622	0.0000	SURCHARGED
30 minute summer	FC57	23	185.983	0.633	2.8	0.9626	0.0000	SURCHARGED
30 minute summer	FC58	23	185.987	0.637	2.8	0.9626	0.0000	SURCHARGED
30 minute summer	FC59	23	185.988	0.638	2.8	0.9627	0.0000	SURCHARGED
60 minute summer	FC60	42	186.015	0.665	2.8	1.4245	0.0000	SURCHARGED
60 minute summer	FC61	42	185.965	0.665	2.8	1.4270	0.0000	SURCHARGED
60 minute summer	FC62	44	185.930	0.680	3.8	2.2217	0.0000	SURCHARGED
30 minute summer	FC63	23	186.039	0.639	2.8	0.9801	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.021	0.051	0.0051	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.957	0.056	0.0054	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.8	0.920	0.059	0.0054	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.8	0.853	0.066	0.0060	
30 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.8	0.849	0.069	0.0063	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.8	0.681	0.094	0.0088	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
60 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	1.4	0.581	0.239	0.0186	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	23	185.793	0.643	2.8	1.0173	0.0000	SURCHARGED
30 minute summer	FC65	24	185.818	0.668	3.7	1.4352	0.0000	SURCHARGED
60 minute summer	FC66	42	185.667	0.667	2.8	1.4294	0.0000	SURCHARGED
60 minute winter	FC67	48	184.948	0.148	1.5	1.5183	0.0000	SURCHARGED
30 minute summer	FC68	23	185.188	0.638	2.8	0.9644	0.0000	SURCHARGED
15 minute summer	J1	12	188.574	0.374	15.0	0.5506	0.0000	SURCHARGED
15 minute summer	J2	12	188.208	0.152	14.8	0.1714	0.0000	SURCHARGED
15 minute summer	J3	12	188.175	0.125	15.6	0.1408	0.0000	OK
15 minute summer	J4	12	188.127	0.088	16.3	0.0992	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.5	0.352	0.261	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.3	0.443	0.137	0.0171	
30 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.4	0.404	0.062	0.0019	
60 minute winter	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
30 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	14.1	1.798	1.696	0.0393	
15 minute summer	J2	1.002	J3	14.8	0.871	1.099	0.0173	
15 minute summer	J3	1.003	J4	15.5	1.164	1.167	0.0257	
15 minute summer	J4	1.004	J5	16.2	1.647	0.476	0.0349	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.987	0.077	17.0	0.0866	0.0000	OK
15 minute summer	J6	13	187.762	0.112	17.9	0.1265	0.0000	OK
15 minute summer	J7	13	187.644	0.119	18.7	0.1351	0.0000	OK
15 minute summer	J8	13	187.596	0.075	18.7	0.0843	0.0000	OK
15 minute summer	J9	13	187.396	0.121	20.3	0.1372	0.0000	OK
15 minute summer	J10	13	187.347	0.077	21.2	0.0869	0.0000	OK
15 minute summer	J11	12	187.246	0.125	21.9	0.1411	0.0000	OK
15 minute summer	J12	11	186.954	0.145	38.2	0.1639	0.0000	OK
15 minute summer	J13	12	186.840	0.213	38.3	0.2407	0.0000	OK
15 minute summer	J14	12	186.818	0.196	39.0	0.2213	0.0000	OK
15 minute summer	J15	12	186.787	0.170	39.9	0.1924	0.0000	OK
15 minute summer	J16	12	186.740	0.135	40.7	0.1526	0.0000	OK
15 minute summer	J17	12	186.399	0.116	41.5	0.1310	0.0000	OK
1440 minute summer	J18	990	186.322	0.197	15.7	0.2231	0.0000	OK
1440 minute summer	J19	1020	186.323	0.295	12.5	0.3342	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	17.1	1.470	0.446	0.0656	
15 minute summer	J6	1.006	J7	17.9	1.451	0.629	0.0242	
15 minute summer	J7	1.007	J8	17.9	1.095	0.583	0.0186	
15 minute summer	J8	1.008	J9	19.5	1.177	0.219	0.1408	
15 minute summer	J9	1.009	J10	20.4	1.212	0.611	0.0203	
15 minute summer	J10	1.010	J11	21.1	1.324	0.163	0.0420	
15 minute summer	J11	1.011	S2	22.1	0.827	0.344	0.1615	
15 minute summer	J12	1.013	J13	38.1	1.488	0.568	0.1694	
15 minute summer	J13	1.014	J14	38.3	0.752	0.676	0.0968	
15 minute summer	J14	1.015	J15	39.1	0.870	0.695	0.0861	
15 minute summer	J15	1.016	J16	40.0	1.111	0.750	0.1843	
15 minute summer	J16	1.017	J17	40.8	1.519	0.286	0.0903	
15 minute summer	J17	1.018	S3	41.6	1.175	0.134	0.0682	
1440 minute summer	J18	1.020	J19	12.3	0.821	0.043	0.0886	
1440 minute summer	J19	1.021	S4	11.3	0.649	0.204	0.3089	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	990	186.320	0.289	1.5	0.3263	0.0000	SURCHARGED
1440 minute summer	J21	990	186.319	0.310	1.8	0.3511	0.0000	SURCHARGED
1440 minute summer	J22	990	186.320	0.356	2.1	0.4032	0.0000	SURCHARGED
1440 minute summer	J23	990	186.319	0.377	2.4	0.4267	0.0000	SURCHARGED
1440 minute summer	J24	990	186.319	0.502	3.5	0.5679	0.0000	SURCHARGED
1440 minute summer	J25	990	186.318	0.522	3.8	0.5905	0.0000	SURCHARGED
1440 minute summer	J26	990	186.320	0.541	4.1	0.6114	0.0000	SURCHARGED
1440 minute summer	J27	1020	186.316	0.580	7.6	0.6561	0.0000	SURCHARGED
15 minute summer	J28	13	186.720	0.364	8.9	0.4116	0.0000	SURCHARGED
15 minute summer	J29	13	186.529	0.258	8.9	0.2917	0.0000	SURCHARGED
15 minute summer	J30	12	186.333	0.186	18.6	0.2100	0.0000	SURCHARGED
15 minute summer	J31	12	186.184	0.140	19.3	0.1588	0.0000	OK
15 minute summer	J32	12	186.136	0.125	20.1	0.1409	0.0000	OK
15 minute summer	J33	12	185.621	0.086	31.1	0.0971	0.0000	OK
15 minute summer	J34	11	185.320	0.195	43.1	0.2205	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.5	0.445	0.113	0.0665	
1440 minute summer	J21	23.003	J22	1.8	0.467	0.137	0.1411	
1440 minute summer	J22	23.004	J23	2.1	0.492	0.158	0.0633	
1440 minute summer	J23	23.005	S18	2.4	0.559	0.177	0.1321	
1440 minute summer	J24	23.007	J25	3.5	0.432	0.116	0.2458	
1440 minute summer	J25	23.008	J26	3.8	0.425	0.125	0.1975	
1440 minute summer	J26	23.009	S19	4.1	0.427	0.133	0.1474	
1440 minute summer	J27	23.011	S4	5.9	0.581	0.198	0.0951	
15 minute summer	J28	32.001	J29	7.9	1.015	1.341	0.0691	
15 minute summer	J29	32.002	S12	9.4	1.200	1.582	0.0364	
15 minute summer	J30	32.004	J31	18.5	1.060	1.393	0.0829	
15 minute summer	J31	32.005	J32	19.3	0.796	0.644	0.2367	
15 minute summer	J32	32.006	S13	20.2	1.122	0.673	0.1004	
15 minute summer	J33	32.008	S14	31.1	1.203	0.299	0.2394	
15 minute summer	J34	32.010	J35	43.0	1.363	1.115	0.2806	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.214	0.138	43.7	0.1566	0.0000	OK
15 minute summer	J36	11	185.074	0.199	44.3	0.2247	0.0000	OK
15 minute summer	J37	11	184.700	0.200	56.8	0.2266	0.0000	OK
15 minute summer	J38	11	184.608	0.308	69.4	0.3488	0.0000	SURCHARGED
15 minute summer	J39	11	184.541	0.267	69.9	0.3025	0.0000	OK
15 minute summer	J40	11	184.480	0.215	72.5	0.2436	0.0000	OK
60 minute summer	J41	45	184.622	0.025	0.8	0.0284	0.0000	OK
60 minute summer	J42	44	184.574	0.037	1.6	0.0422	0.0000	OK
15 minute summer	J43	12	184.528	0.148	10.0	0.1676	0.0000	OK
15 minute summer	J44	12	184.519	0.149	10.3	0.1682	0.0000	OK
15 minute summer	J45	12	184.487	0.167	10.4	0.1892	0.0000	SURCHARGED
15 minute summer	J46	12	184.464	0.242	17.8	0.2741	0.0000	SURCHARGED
15 minute summer	J47	12	184.455	0.248	18.0	0.2803	0.0000	SURCHARGED
15 minute summer	J48	12	184.434	0.240	25.7	0.2715	0.0000	SURCHARGED
15 minute summer	J49	12	184.406	0.237	26.1	0.2682	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	43.5	1.365	0.489	0.2155	
15 minute summer	J36	32.012	S15	44.2	1.367	1.472	0.0766	
15 minute summer	J37	32.014	S16	56.7	1.377	1.027	0.2195	
15 minute summer	J38	32.016	J39	69.1	0.995	1.279	0.7395	
15 minute summer	J39	32.017	J40	69.6	1.146	1.272	0.2201	
15 minute summer	J40	32.018	S10	72.1	1.440	0.724	0.4793	
60 minute summer	J41	48.002	J42	0.8	0.443	0.138	0.0130	
60 minute summer	J42	48.003	S21	1.6	0.629	0.277	0.0257	
15 minute summer	J43	48.005	J44	9.6	0.666	0.688	0.0282	
15 minute summer	J44	48.006	J45	9.7	0.696	0.729	0.1544	
15 minute summer	J45	48.007	S22	10.7	0.714	0.792	0.0419	
15 minute summer	J46	48.009	J47	17.3	0.444	0.562	0.1676	
15 minute summer	J47	48.010	S23	18.0	0.454	0.599	0.1050	
15 minute summer	J48	48.012	J49	25.3	0.635	0.845	0.2962	
15 minute summer	J49	48.013	J50	26.0	0.653	0.847	0.0451	

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.393	0.227	26.8	0.2573	0.0000	SURCHARGED
30 minute summer	J51	20	184.369	0.221	27.3	0.2498	0.0000	OK
30 minute summer	J52	20	184.352	0.208	28.1	0.2356	0.0000	OK
30 minute summer	J53	20	184.323	0.196	28.9	0.2222	0.0000	OK
15 minute summer	J54	13	185.342	0.213	8.4	0.2413	0.0000	SURCHARGED
15 minute summer	J55	14	185.249	0.155	8.6	0.1751	0.0000	SURCHARGED
15 minute summer	J56	12	184.252	0.245	45.0	0.2775	0.0000	OK
15 minute summer	J57	12	184.221	0.236	45.7	0.2673	0.0000	OK
1440 minute summer	BASIN 1	990	186.319	1.393	16.1	185.8973	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1020	184.853	0.553	4.2	55.9670	0.0000	OK
4320 minute winter	BASIN 3	4200	184.247	1.147	7.3	704.3544	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	26.7	0.671	0.892	0.2012	
30 minute summer	J51	48.015	J52	27.3	0.699	0.891	0.0443	
30 minute summer	J52	48.016	J53	28.1	0.748	0.922	0.1833	
30 minute summer	J53	48.017	S24	29.0	0.874	0.960	0.3634	
15 minute summer	J54	65.002	J55	8.1	1.031	1.362	0.0285	
15 minute summer	J55	65.003	S24	8.5	1.088	1.118	0.0601	
15 minute summer	J56	48.019	J57	45.0	0.742	0.829	0.5507	
15 minute summer	J57	48.020	S25	45.7	0.812	0.837	0.3504	
1440 minute summer	BASIN 1	1.023	S5	4.1	0.074	0.049	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				8.1
1440 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1556	
1440 minute summer	BASIN 2	71.000	BH1	0.6	0.486	0.110	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	-0.5	-0.049	-0.004	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2700	184.196	0.866	4.7	270.0952	0.0000	SURCHARGED
600 minute summer	SWALE 1	420	184.931	0.057	4.1	0.0813	0.0000	OK
1440 minute summer	SWALE 2	1020	184.431	0.056	4.1	0.0803	0.0000	OK
4320 minute winter	SWALE 3	4200	184.247	0.252	8.0	0.3610	0.0000	OK
1440 minute summer	BH1	1020	184.853	0.776	0.6	3.0507	0.0000	OK
4320 minute winter	BH2	4200	184.247	1.164	0.3	7.3879	0.0000	OK
2880 minute winter	BH3	2700	184.196	0.877	0.3	5.6968	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.3	0.235	0.005	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	4.1	0.397	0.049	0.3964	
1440 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1914	
4320 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.622	0.055	4.0859	
1440 minute summer	BH1	Infiltration		0.1				8.6
4320 minute winter	BH2	Infiltration		0.2				27.2
2880 minute winter	BH3	Infiltration		0.2				28.3

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	189.222	0.852	13.7	1.2825	0.0000	FLOOD RISK
15 minute summer	S2	11	187.301	0.262	52.9	0.4694	0.0000	SURCHARGED
1440 minute summer	S3	1020	186.956	0.818	13.9	1.1041	0.0000	SURCHARGED
1440 minute summer	S4	1020	186.955	1.577	26.2	2.0457	0.0000	SURCHARGED
1440 minute summer	S5	1020	186.955	2.045	4.9	2.9259	0.0000	FLOOD RISK
4320 minute winter	S6	4560	185.063	0.255	4.5	0.3643	0.0000	OK
4320 minute winter	S7	4560	185.063	0.304	4.5	0.4344	0.0000	OK
4320 minute winter	S8	4560	185.063	0.732	4.5	1.0482	0.0000	SURCHARGED
4320 minute winter	S9	4560	185.063	0.937	8.1	1.3415	0.0000	SURCHARGED
4320 minute winter	S10	4560	185.063	0.950	16.7	1.7652	0.0000	SURCHARGED
15 minute summer	S11	12	187.310	0.909	17.7	1.4688	0.0000	FLOOD RISK
15 minute summer	S12	12	186.562	0.385	24.7	0.5836	0.0000	SURCHARGED
15 minute summer	S13	10	186.102	0.109	42.4	0.1663	0.0000	OK
15 minute summer	S14	12	185.658	0.483	60.4	0.7831	0.0000	SURCHARGED
15 minute summer	S15	12	185.151	0.284	76.2	0.4591	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	9.8	1.257	1.126	0.0642	
15 minute summer	S2	1.012	J12	52.9	1.340	1.771	0.0565	
1440 minute summer	S3	1.019	J18	20.6	0.936	0.386	0.3613	
1440 minute summer	S4	1.022	BASIN 1	22.7	0.825	0.136	1.1778	
1440 minute summer	S5	1.024	SWALE 1	4.9	0.413	0.059	0.2429	
4320 minute winter	S6	1.026	BASIN 2	4.5	0.399	0.051	0.4676	
4320 minute winter	S7	1.028	SWALE 2	4.5	0.601	0.015	1.7202	
4320 minute winter	S8	1.030	S9	4.4	0.601	0.017	1.3252	
4320 minute winter	S9	1.031	S10	8.6	0.532	0.102	0.7372	
4320 minute winter	S10	1.032	SWALE 3	29.2	0.882	0.089	0.4809	
15 minute summer	S11	32.000	J28	13.2	1.690	2.223	0.0355	
15 minute summer	S12	32.003	J30	24.0	1.365	1.799	0.0895	
15 minute summer	S13	32.007	J33	42.5	2.191	0.434	0.3459	
15 minute summer	S14	32.009	J34	58.1	1.462	1.145	0.2084	
15 minute summer	S15	32.013	J37	75.0	2.164	0.813	0.3713	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	4560	185.063	0.575	4.5	0.8995	0.0000	SURCHARGED
1440 minute summer	S17	1020	186.956	0.806	1.8	1.3201	0.0000	FLOOD RISK
1440 minute summer	S18	1020	186.956	1.132	4.0	1.7122	0.0000	FLOOD RISK
1440 minute summer	S19	1020	186.955	1.189	6.3	1.7509	0.0000	FLOOD RISK
4320 minute winter	S20	4140	184.764	0.122	0.2	0.1382	0.0000	SURCHARGED
4320 minute winter	S21	4140	184.764	0.355	0.9	0.4784	0.0000	SURCHARGED
4320 minute winter	S22	4140	184.764	0.533	1.8	0.6995	0.0000	SURCHARGED
4320 minute winter	S23	4140	184.764	0.566	2.5	0.7382	0.0000	SURCHARGED
4320 minute winter	S24	4140	184.764	0.747	4.9	0.9966	0.0000	SURCHARGED
4320 minute winter	S25	4140	184.764	0.794	5.5	1.1181	0.0000	SURCHARGED
15 minute summer	S26	12	185.828	0.451	14.5	0.6821	0.0000	SURCHARGED
60 minute summer	FC1	45	189.030	0.780	4.5	2.9122	0.0000	FLOOD RISK
60 minute summer	FC2	45	188.910	0.760	4.5	2.7433	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	4.5	0.716	0.014	0.1625	
1440 minute summer	S17	23.001	J20	1.6	0.619	0.264	0.0560	
1440 minute summer	S18	23.006	J24	3.8	0.406	0.119	0.0729	
1440 minute summer	S19	23.010	J27	6.7	0.493	0.224	0.3541	
4320 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0362	
4320 minute winter	S21	48.004	J43	0.9	0.371	0.068	0.0898	
4320 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0967	
4320 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0447	
4320 minute winter	S24	48.018	J56	4.9	0.424	0.092	0.2989	
4320 minute winter	S25	48.021	BASIN 4	5.5	0.528	0.102	0.2710	
15 minute summer	S26	65.001	J54	11.0	1.410	1.064	0.0667	
60 minute summer	FC1	2.000	J1	2.1	0.575	0.333	0.0372	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	1.0	0.526	0.174	0.0323	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	50	188.950	0.750	6.1	4.1702	0.0000	FLOOD RISK
60 minute summer	FC4	43	188.909	0.709	3.3	1.8183	0.0000	FLOOD RISK
60 minute summer	FC5	45	188.749	0.749	4.5	2.7322	0.0000	FLOOD RISK
60 minute summer	FC6	43	188.571	0.721	3.3	1.8126	0.0000	FLOOD RISK
60 minute summer	FC7	43	188.470	0.720	3.3	1.8160	0.0000	FLOOD RISK
60 minute summer	FC8	45	188.507	0.757	4.5	2.7216	0.0000	FLOOD RISK
60 minute summer	FC9	43	188.190	0.720	3.3	1.8183	0.0000	FLOOD RISK
60 minute summer	FC10	50	188.246	0.776	6.1	4.1544	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.9	0.552	0.138	0.0415	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.8	0.618	0.112	0.0180	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.9	0.523	0.145	0.0083	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.8	0.690	0.097	0.0270	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.8	0.599	0.119	0.0102	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.9	0.737	0.091	0.0049	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.8	0.528	0.142	0.0115	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.9	0.575	0.132	0.0095	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	45	188.089	0.769	4.5	2.7235	0.0000	FLOOD RISK
60 minute summer	FC12	45	188.002	0.772	4.5	2.7234	0.0000	FLOOD RISK
60 minute summer	FC13	45	187.768	0.768	4.5	2.7241	0.0000	FLOOD RISK
120 minute summer	FC14	88	187.185	0.285	2.8	3.6388	0.0000	SURCHARGED
60 minute summer	FC15	43	187.924	0.724	3.3	1.8057	0.0000	FLOOD RISK
60 minute summer	FC16	43	187.623	0.723	3.3	1.8162	0.0000	FLOOD RISK
60 minute summer	FC17	43	187.724	0.724	3.3	1.8083	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.9	0.531	0.148	0.0138	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	1.0	0.530	0.169	0.0362	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.9	0.531	0.147	0.0152	
60 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.5	0.461	0.088	0.0085	
120 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.9	1.123	0.049	0.0035	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.8	0.552	0.134	0.0116	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.8	0.876	0.069	0.0047	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	43	187.276	0.726	3.3	1.8166	0.0000	FLOOD RISK
60 minute summer	FC19	45	187.168	0.768	4.5	2.7243	0.0000	FLOOD RISK
60 minute summer	FC20	45	187.703	0.753	4.5	2.7179	0.0000	FLOOD RISK
60 minute summer	FC21	45	187.056	0.756	4.5	2.7289	0.0000	FLOOD RISK
1440 minute summer	FC22	1080	186.965	0.515	0.5	4.9926	0.0000	SURCHARGED
60 minute summer	FC23	43	187.021	0.721	3.3	1.8086	0.0000	FLOOD RISK
60 minute summer	FC24	45	187.058	0.758	4.5	2.7167	0.0000	FLOOD RISK
60 minute summer	FC25	45	187.306	0.755	4.5	2.7172	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.8	0.525	0.143	0.0113	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.9	0.529	0.148	0.0114	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.9	1.066	0.054	0.0035	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.9	0.529	0.151	0.0477	
60 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.3	0.220	0.018	0.0373	
1440 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.8	0.927	0.064	0.0286	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.9	0.963	0.063	0.0289	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.9	1.059	0.055	0.0200	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	1080	186.965	0.515	0.5	5.1884	0.0000	SURCHARGED
60 minute summer	FC27	43	187.216	0.716	3.3	1.8075	0.0000	FLOOD RISK
60 minute summer	FC28	45	187.251	0.751	4.5	2.7189	0.0000	FLOOD RISK
60 minute summer	FC29	45	187.240	0.740	4.5	2.7230	0.0000	FLOOD RISK
60 minute summer	FC30	45	187.503	0.753	4.5	2.7185	0.0000	FLOOD RISK
60 minute summer	FC31	43	187.186	0.736	3.3	2.0035	0.0000	FLOOD RISK
60 minute summer	FC32	43	187.177	0.727	3.3	1.8651	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.3	0.637	0.023	0.0361	
1440 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.8	1.167	0.039	0.0190	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.9	1.063	0.054	0.0187	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.9	1.033	0.056	0.0203	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.9	0.992	0.060	0.0038	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	1.7	0.603	0.186	0.0333	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	1.4	0.458	0.111	0.0325	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	45	187.213	0.763	4.5	2.7149	0.0000	FLOOD RISK
60 minute summer	FC34	45	187.213	0.763	4.5	2.7250	0.0000	FLOOD RISK
60 minute summer	FC35	45	187.203	0.753	4.5	2.7185	0.0000	FLOOD RISK
60 minute summer	FC36	45	187.181	0.731	4.5	2.7267	0.0000	FLOOD RISK
60 minute summer	FC37	50	186.594	0.794	6.1	4.1383	0.0000	FLOOD RISK
60 minute winter	FC38	52	185.667	0.217	2.4	2.5989	0.0000	SURCHARGED
60 minute summer	FC39	43	186.156	0.706	3.3	1.8131	0.0000	FLOOD RISK
60 minute summer	FC40	46	186.211	0.711	4.5	2.7436	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	1.1	0.972	0.074	0.0200	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.9	0.542	0.140	0.0076	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.9	0.983	0.061	0.0071	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.9	1.026	0.056	0.0042	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.9	0.710	0.100	0.0082	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.5	0.745	0.036	0.0121	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.8	0.981	0.058	0.0059	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.203	0.044	0.0215	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	45	185.593	0.743	4.5	2.7259	0.0000	FLOOD RISK
60 minute summer	FC42	45	185.344	0.744	4.5	2.7326	0.0000	FLOOD RISK
60 minute summer	FC43	46	185.254	0.654	4.5	2.7668	0.0000	SURCHARGED
4320 minute winter	FC44	4560	185.063	0.463	0.1	0.5844	0.0000	SURCHARGED
60 minute summer	FC45	43	185.318	0.718	3.3	1.8099	0.0000	FLOOD RISK
60 minute summer	FC46	50	185.476	0.776	6.1	4.1566	0.0000	FLOOD RISK
4320 minute winter	FC47	4140	184.764	0.014	0.0	0.0160	0.0000	OK
60 minute summer	FC48	45	185.556	0.756	4.5	2.7169	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.9	0.789	0.082	0.0100	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	1.2	0.686	0.144	0.0307	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.765	0.078	0.0190	
60 minute summer	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0344	
4320 minute winter	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.8	0.915	0.065	0.0043	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.9	0.529	0.147	0.0102	
60 minute summer	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.006	0.003	0.0225	
60 minute summer	FC48	50.000	J42	0.9	0.724	0.062	0.0217	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	45	185.558	0.758	4.5	2.7285	0.0000	FLOOD RISK
60 minute summer	FC50	45	185.560	0.760	4.5	2.7277	0.0000	FLOOD RISK
60 minute summer	FC51	45	185.594	0.744	4.5	2.7344	0.0000	FLOOD RISK
60 minute summer	FC52	46	185.970	0.720	4.5	2.7370	0.0000	FLOOD RISK
60 minute summer	FC53	45	186.005	0.755	4.5	2.7232	0.0000	FLOOD RISK
60 minute summer	FC54	43	185.968	0.718	3.3	1.8117	0.0000	FLOOD RISK
60 minute summer	FC55	43	185.964	0.714	3.3	1.8110	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.9	0.524	0.146	0.0072	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.9	0.525	0.146	0.0077	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.9	0.527	0.145	0.0100	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.764	0.084	0.0060	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.9	0.722	0.093	0.0051	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.8	0.795	0.078	0.0042	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.8	1.004	0.056	0.0035	
60 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	43	186.041	0.691	3.3	1.8175	0.0000	SURCHARGED
60 minute summer	FC57	43	186.044	0.694	3.3	1.8171	0.0000	SURCHARGED
60 minute summer	FC58	43	186.066	0.716	3.3	1.8106	0.0000	FLOOD RISK
60 minute summer	FC59	43	186.073	0.723	3.3	1.8090	0.0000	FLOOD RISK
60 minute summer	FC60	45	186.107	0.757	4.5	2.7184	0.0000	FLOOD RISK
60 minute summer	FC61	45	186.058	0.758	4.5	2.7224	0.0000	FLOOD RISK
60 minute summer	FC62	50	186.014	0.764	6.1	4.1579	0.0000	FLOOD RISK
60 minute summer	FC63	43	186.125	0.725	3.3	1.8860	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.8	1.034	0.054	0.0053	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.8	0.970	0.059	0.0056	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.8	0.936	0.063	0.0056	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.8	0.869	0.071	0.0063	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.9	0.866	0.073	0.0066	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.9	0.694	0.100	0.0092	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.9	0.640	0.114	0.0128	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	1.6	0.605	0.270	0.0188	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	43	185.881	0.731	3.3	1.9417	0.0000	FLOOD RISK
60 minute summer	FC65	45	185.918	0.768	4.5	2.7698	0.0000	FLOOD RISK
60 minute summer	FC66	45	185.764	0.764	4.5	2.7241	0.0000	FLOOD RISK
60 minute winter	FC67	52	185.048	0.248	2.4	2.5496	0.0000	SURCHARGED
60 minute summer	FC68	43	185.269	0.719	3.3	1.8139	0.0000	FLOOD RISK
15 minute summer	J1	12	188.947	0.747	22.6	1.1241	0.0000	FLOOD RISK
15 minute summer	J2	13	188.265	0.209	19.5	0.2368	0.0000	SURCHARGED
15 minute summer	J3	13	188.221	0.171	20.3	0.1929	0.0000	SURCHARGED
15 minute summer	J4	13	188.145	0.106	21.2	0.1203	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	1.6	0.360	0.268	0.0172	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	1.4	0.514	0.148	0.0172	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.9	0.589	0.121	0.0031	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.5	0.437	0.082	0.0023	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.8	0.686	0.094	0.0028	
60 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	19.0	2.434	2.295	0.0393	
15 minute summer	J2	1.002	J3	19.5	1.109	1.453	0.0183	
15 minute summer	J3	1.003	J4	20.3	1.215	1.531	0.0302	
15 minute summer	J4	1.004	J5	21.1	1.703	0.619	0.0438	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	188.003	0.093	22.0	0.1048	0.0000	OK
15 minute summer	J6	13	187.786	0.136	22.7	0.1539	0.0000	OK
15 minute summer	J7	14	187.660	0.135	23.5	0.1527	0.0000	OK
15 minute summer	J8	14	187.607	0.086	23.1	0.0970	0.0000	OK
15 minute summer	J9	14	187.412	0.137	25.2	0.1547	0.0000	OK
15 minute summer	J10	13	187.367	0.097	26.8	0.1093	0.0000	OK
15 minute summer	J11	11	187.319	0.198	27.3	0.2237	0.0000	OK
15 minute summer	J12	11	187.007	0.198	53.7	0.2234	0.0000	OK
1440 minute summer	J13	1020	186.956	0.329	11.4	0.3718	0.0000	SURCHARGED
1440 minute summer	J14	1020	186.956	0.334	11.8	0.3774	0.0000	SURCHARGED
1440 minute summer	J15	1020	186.956	0.339	12.2	0.3830	0.0000	SURCHARGED
1440 minute summer	J16	1020	186.956	0.351	12.5	0.3965	0.0000	SURCHARGED
1440 minute summer	J17	1020	186.956	0.673	25.3	0.7606	0.0000	SURCHARGED
1440 minute summer	J18	1020	186.955	0.830	21.1	0.9392	0.0000	SURCHARGED
1440 minute summer	J19	1020	186.955	0.928	18.1	1.0499	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	21.9	1.521	0.573	0.0801	
15 minute summer	J6	1.006	J7	22.6	1.517	0.796	0.0289	
15 minute summer	J7	1.007	J8	22.3	1.151	0.725	0.0219	
15 minute summer	J8	1.008	J9	24.4	1.266	0.274	0.1656	
15 minute summer	J9	1.009	J10	25.9	1.289	0.778	0.0244	
15 minute summer	J10	1.010	J11	26.5	1.327	0.205	0.0612	
15 minute summer	J11	1.011	S2	27.9	0.874	0.434	0.2060	
15 minute summer	J12	1.013	J13	53.5	1.502	0.799	0.2345	
1440 minute summer	J13	1.014	J14	11.4	0.521	0.201	0.1335	
1440 minute summer	J14	1.015	J15	11.8	0.610	0.209	0.1349	
1440 minute summer	J15	1.016	J16	12.1	0.816	0.228	0.3610	
1440 minute summer	J16	1.017	J17	12.5	1.136	0.088	0.2366	
1440 minute summer	J17	1.018	S3	12.4	0.955	0.040	0.1328	
1440 minute summer	J18	1.020	J19	17.7	0.847	0.062	0.1049	
1440 minute summer	J19	1.021	S4	20.2	0.684	0.366	0.3096	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	1020	186.956	0.925	1.9	1.0462	0.0000	FLOOD RISK
1440 minute summer	J21	1020	186.956	0.947	2.2	1.0710	0.0000	FLOOD RISK
1440 minute summer	J22	1020	186.956	0.993	2.6	1.1230	0.0000	FLOOD RISK
1440 minute summer	J23	1020	186.956	1.014	2.7	1.1466	0.0000	FLOOD RISK
1440 minute summer	J24	1020	186.956	1.139	4.2	1.2878	0.0000	FLOOD RISK
1440 minute summer	J25	1020	186.956	1.160	4.6	1.3115	0.0000	FLOOD RISK
1440 minute summer	J26	1020	186.956	1.177	5.2	1.3306	0.0000	FLOOD RISK
1440 minute summer	J27	1020	186.955	1.219	7.2	1.3790	0.0000	SURCHARGED
15 minute summer	J28	13	187.076	0.720	13.2	0.8138	0.0000	SURCHARGED
15 minute summer	J29	13	186.740	0.469	11.4	0.5305	0.0000	SURCHARGED
15 minute summer	J30	12	186.414	0.267	24.9	0.3021	0.0000	SURCHARGED
15 minute summer	J31	12	186.213	0.169	25.7	0.1915	0.0000	OK
15 minute summer	J32	12	186.156	0.145	26.6	0.1643	0.0000	OK
15 minute summer	J33	12	185.723	0.188	43.4	0.2126	0.0000	OK
15 minute summer	J34	12	185.542	0.416	58.4	0.4711	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.8	0.443	0.133	0.0665	
1440 minute summer	J21	23.003	J22	2.1	0.469	0.158	0.1411	
1440 minute summer	J22	23.004	J23	2.4	0.503	0.178	0.0633	
1440 minute summer	J23	23.005	S18	2.5	0.564	0.188	0.1321	
1440 minute summer	J24	23.007	J25	4.1	0.420	0.136	0.2458	
1440 minute summer	J25	23.008	J26	4.8	0.413	0.159	0.1975	
1440 minute summer	J26	23.009	S19	4.8	0.413	0.158	0.1474	
1440 minute summer	J27	23.011	S4	5.5	0.562	0.185	0.0951	
15 minute summer	J28	32.001	J29	10.5	1.344	1.775	0.0691	
15 minute summer	J29	32.002	S12	12.2	1.565	2.064	0.0364	
15 minute summer	J30	32.004	J31	24.9	1.414	1.876	0.0861	
15 minute summer	J31	32.005	J32	25.7	0.872	0.857	0.2882	
15 minute summer	J32	32.006	S13	26.6	1.247	0.885	0.1214	
15 minute summer	J33	32.008	S14	41.0	1.243	0.394	0.3414	
15 minute summer	J34	32.010	J35	57.2	1.451	1.484	0.3588	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	12	185.378	0.303	58.0	0.3423	0.0000	SURCHARGED
15 minute summer	J36	12	185.237	0.362	59.8	0.4093	0.0000	SURCHARGED
4320 minute winter	J37	4560	185.062	0.562	4.0	0.6361	0.0000	SURCHARGED
4320 minute winter	J38	4560	185.062	0.762	4.7	0.8623	0.0000	SURCHARGED
4320 minute winter	J39	4560	185.063	0.789	4.9	0.8918	0.0000	SURCHARGED
4320 minute winter	J40	4560	185.063	0.798	5.0	0.9020	0.0000	SURCHARGED
4320 minute winter	J41	4140	184.764	0.167	0.2	0.1890	0.0000	SURCHARGED
4320 minute winter	J42	4140	184.764	0.227	0.4	0.2570	0.0000	SURCHARGED
4320 minute winter	J43	4140	184.764	0.384	1.1	0.4344	0.0000	SURCHARGED
4320 minute winter	J44	4140	184.764	0.394	1.2	0.4457	0.0000	SURCHARGED
4320 minute winter	J45	4140	184.764	0.444	1.3	0.5023	0.0000	SURCHARGED
4320 minute winter	J46	4140	184.764	0.542	1.9	0.6131	0.0000	SURCHARGED
4320 minute winter	J47	4140	184.764	0.557	2.0	0.6301	0.0000	SURCHARGED
4320 minute winter	J48	4140	184.764	0.570	2.7	0.6448	0.0000	SURCHARGED
4320 minute winter	J49	4140	184.764	0.595	2.9	0.6731	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	59.0	1.484	0.663	0.2732	
15 minute summer	J36	32.012	S15	61.4	1.544	2.047	0.0943	
4320 minute winter	J37	32.014	S16	4.0	0.782	0.072	0.3651	
4320 minute winter	J38	32.016	J39	4.7	0.468	0.087	0.7617	
4320 minute winter	J39	32.017	J40	4.9	0.588	0.090	0.2574	
4320 minute winter	J40	32.018	S10	5.0	0.725	0.050	0.6738	
4320 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0486	
4320 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0640	
4320 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0283	
4320 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.1545	
4320 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0419	
4320 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.1676	
4320 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.1050	
4320 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.2962	
4320 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0451	

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	4140	184.764	0.599	3.1	0.6777	0.0000	SURCHARGED
4320 minute winter	J51	4140	184.764	0.616	3.2	0.6969	0.0000	SURCHARGED
4320 minute winter	J52	4140	184.764	0.620	3.4	0.7014	0.0000	SURCHARGED
4320 minute winter	J53	4140	184.764	0.637	3.5	0.7206	0.0000	SURCHARGED
15 minute summer	J54	14	185.501	0.372	11.0	0.4204	0.0000	SURCHARGED
30 minute summer	J55	22	185.355	0.261	10.6	0.2955	0.0000	SURCHARGED
4320 minute winter	J56	4140	184.764	0.757	5.0	0.8562	0.0000	SURCHARGED
4320 minute winter	J57	4140	184.764	0.779	5.1	0.8811	0.0000	SURCHARGED
1440 minute summer	BASIN 1	1020	186.955	2.030	23.4	306.7031	0.0000	FLOOD RISK
4320 minute winter	BASIN 2	4560	185.063	0.763	4.6	81.6608	0.0000	OK
4320 minute winter	BASIN 3	4560	185.063	1.963	10.5	1140.8170	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.2018	
4320 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0451	
4320 minute winter	J52	48.016	J53	3.4	0.465	0.112	0.1938	
4320 minute winter	J53	48.017	S24	3.5	0.528	0.116	0.4079	
15 minute summer	J54	65.002	J55	10.3	1.311	1.733	0.0285	
30 minute summer	J55	65.003	S24	10.5	1.341	1.379	0.0609	
4320 minute winter	J56	48.019	J57	5.0	0.429	0.092	0.6398	
4320 minute winter	J57	48.020	S25	5.1	0.437	0.093	0.4307	
1440 minute summer	BASIN 1	1.023	S5	4.9	0.052	0.059	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				9.6
4320 minute winter	BASIN 2	1.027	S7	4.5	0.604	0.054	1.9464	
4320 minute winter	BASIN 2	71.000	BH1	0.3	0.333	0.059	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.4	0.110	0.003	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A Critical Storm Duration. Lowest mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	4140	184.764	1.434	6.0	479.0642	0.0000	SURCHARGED
4320 minute winter	SWALE 1	4560	185.063	0.189	4.5	0.2699	0.0000	OK
4320 minute winter	SWALE 2	4560	185.063	0.688	4.5	0.9839	0.0000	SURCHARGED
4320 minute winter	SWALE 3	4560	185.063	1.067	29.2	1.5276	0.0000	FLOOD RISK
4320 minute winter	BH1	4560	185.063	0.986	0.3	3.6592	0.0000	OK
4320 minute winter	BH2	4560	185.063	1.980	0.4	8.6828	0.0000	OK
4320 minute winter	BH3	4140	184.764	1.445	0.3	7.4833	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.3	0.235	0.005	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	4.5	0.397	0.054	2.5478	
4320 minute winter	SWALE 2	1.029	S8	4.5	0.577	0.054	2.8384	
4320 minute winter	SWALE 3	1.033	BASIN 3	9.8	0.684	0.079	4.7654	
4320 minute winter	BH1	Infiltration		0.1				23.4
4320 minute winter	BH2	Infiltration		0.2				30.5
4320 minute winter	BH3	Infiltration		0.2				44.6

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	10	188.409	0.039	2.8	0.0568	0.0000	OK
15 minute summer	S2	12	187.158	0.119	15.2	0.2061	0.0000	OK
15 minute summer	S3	12	186.249	0.112	19.7	0.1486	0.0000	OK
15 minute summer	S4	12	185.477	0.099	35.3	0.1273	0.0000	OK
15 minute summer	S5	38	185.192	0.282	3.5	0.4038	0.0000	OK
15 minute summer	S6	42	184.845	0.037	1.7	0.0525	0.0000	OK
15 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.205	0.080	1.5	0.1149	0.0000	OK
15 minute summer	S10	12	184.205	0.092	30.0	0.1675	0.0000	OK
15 minute summer	S11	10	186.461	0.061	3.6	0.0964	0.0000	OK
15 minute summer	S12	11	186.272	0.096	8.0	0.1418	0.0000	OK
15 minute summer	S13	11	186.049	0.056	12.3	0.0839	0.0000	OK
15 minute summer	S14	11	185.278	0.103	16.5	0.1624	0.0000	OK
15 minute summer	S15	12	184.946	0.078	20.5	0.1233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	2.7	0.651	0.315	0.0346	
15 minute summer	S2	1.012	J12	15.1	0.782	0.506	0.0289	
15 minute summer	S3	1.019	J18	19.7	1.019	0.369	0.0995	
15 minute summer	S4	1.022	BASIN 1	35.2	1.815	0.210	0.4234	
15 minute summer	S5	1.024	SWALE 1	1.7	0.365	0.021	0.1162	
15 minute summer	S6	1.026	BASIN 2	1.7	0.376	0.020	0.0267	
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1037	
15 minute summer	S9	1.031	S10	-1.5	-0.205	-0.018	0.1276	
15 minute summer	S10	1.032	SWALE 3	29.9	1.176	0.090	0.1158	
15 minute summer	S11	32.000	J28	3.5	0.701	0.590	0.0229	
15 minute summer	S12	32.003	J30	7.9	0.674	0.593	0.0598	
15 minute summer	S13	32.007	J33	12.2	1.651	0.124	0.0960	
15 minute summer	S14	32.009	J34	16.3	0.911	0.321	0.0937	
15 minute summer	S15	32.013	J37	20.7	1.779	0.224	0.1085	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.557	0.070	24.5	0.1071	0.0000	OK
15 minute summer	S17	11	186.211	0.061	3.8	0.0977	0.0000	OK
15 minute summer	S18	12	185.923	0.099	8.3	0.1457	0.0000	OK
15 minute summer	S19	12	185.877	0.111	12.3	0.1596	0.0000	OK
15 minute summer	S20	15	184.664	0.022	0.6	0.0246	0.0000	OK
15 minute summer	S21	11	184.466	0.057	3.4	0.0754	0.0000	OK
15 minute summer	S22	12	184.329	0.098	6.9	0.1268	0.0000	OK
15 minute summer	S23	12	184.312	0.113	9.9	0.1463	0.0000	OK
15 minute summer	S24	13	184.156	0.139	17.9	0.1829	0.0000	OK
15 minute summer	S25	13	184.097	0.127	19.8	0.1755	0.0000	OK
15 minute summer	S26	10	185.415	0.038	3.2	0.0561	0.0000	OK
15 minute summer	FC1	14	188.491	0.241	1.3	0.3106	0.0000	SURCHARGED
15 minute summer	FC2	14	188.391	0.241	1.3	0.3106	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	24.5	1.040	0.077	0.0560	
15 minute summer	S17	23.001	J20	3.7	0.771	0.630	0.0347	
15 minute summer	S18	23.006	J24	8.2	0.511	0.257	0.0301	
15 minute summer	S19	23.010	J27	12.4	0.644	0.413	0.1710	
15 minute summer	S20	48.001	J41	0.6	0.473	0.097	0.0057	
15 minute summer	S21	48.004	J43	3.4	0.515	0.253	0.0336	
15 minute summer	S22	48.008	J46	6.8	0.447	0.218	0.0411	
15 minute summer	S23	48.011	J48	9.8	0.521	0.318	0.0218	
15 minute summer	S24	48.018	J56	17.7	0.573	0.330	0.1325	
15 minute summer	S25	48.021	BASIN 4	19.9	0.783	0.374	0.0980	
15 minute summer	S26	65.001	J54	3.2	0.873	0.306	0.0326	
15 minute summer	FC1	2.000	J1	0.5	0.431	0.077	0.0159	
15 minute summer	FC1	Infiltration		0.0				0.0
15 minute summer	FC2	3.000	J2	0.5	0.445	0.080	0.0076	
15 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC3	14	188.550	0.350	1.8	0.4722	0.0000	SURCHARGED
15 minute summer	FC4	13	188.383	0.183	1.0	0.2284	0.0000	SURCHARGED
15 minute summer	FC5	14	188.241	0.241	1.3	0.3108	0.0000	SURCHARGED
15 minute summer	FC6	13	188.032	0.182	1.0	0.2280	0.0000	SURCHARGED
15 minute summer	FC7	13	187.933	0.183	1.0	0.2286	0.0000	SURCHARGED
15 minute summer	FC8	14	187.990	0.240	1.3	0.3093	0.0000	SURCHARGED
15 minute summer	FC9	13	187.653	0.183	1.0	0.2291	0.0000	SURCHARGED
15 minute summer	FC10	14	187.820	0.349	1.8	0.4721	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC3	4.000	J3	0.6	0.493	0.093	0.0118	
15 minute summer	FC3	Infiltration		0.0				0.0
15 minute summer	FC4	5.000	J4	0.4	0.505	0.055	0.0060	
15 minute summer	FC4	Infiltration		0.0				0.0
15 minute summer	FC5	6.000	J5	0.5	0.444	0.080	0.0044	
15 minute summer	FC5	Infiltration		0.0				0.0
15 minute summer	FC6	7.000	J6	0.4	0.563	0.048	0.0054	
15 minute summer	FC6	Infiltration		0.0				0.0
15 minute summer	FC7	8.000	J7	0.4	0.488	0.058	0.0061	
15 minute summer	FC7	Infiltration		0.0				0.0
15 minute summer	FC8	9.000	J8	0.5	0.624	0.050	0.0032	
15 minute summer	FC8	Infiltration		0.0				0.0
15 minute summer	FC9	10.000	J9	0.4	0.430	0.069	0.0069	
15 minute summer	FC9	Infiltration		0.0				0.0
15 minute summer	FC10	11.000	J10	0.6	0.512	0.087	0.0071	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC11	14	187.561	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC12	14	187.471	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC13	14	187.241	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC14	16	186.937	0.037	1.3	0.4662	0.0000	OK
15 minute summer	FC15	13	187.382	0.182	1.0	0.2271	0.0000	SURCHARGED
15 minute summer	FC16	13	187.083	0.183	1.0	0.2289	0.0000	SURCHARGED
15 minute summer	FC17	13	187.182	0.182	1.0	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC10	Infiltration		0.0				0.0
15 minute summer	FC11	12.000	J11	0.5	0.447	0.081	0.0082	
15 minute summer	FC11	Infiltration		0.0				0.0
15 minute summer	FC12	13.000	S2	0.5	0.447	0.080	0.0073	
15 minute summer	FC12	Infiltration		0.0				0.0
15 minute summer	FC13	14.000	J12	0.5	0.448	0.080	0.0073	
15 minute summer	FC13	Infiltration		0.0				0.0
15 minute summer	FC14	15.000	J13	0.2	0.326	0.027	0.0037	
15 minute summer	FC14	Infiltration		0.0				0.0
15 minute summer	FC15	16.000	J14	0.4	0.911	0.024	0.0021	
15 minute summer	FC15	Infiltration		0.0				0.0
15 minute summer	FC16	17.000	J15	0.4	0.450	0.065	0.0070	
15 minute summer	FC16	Infiltration		0.0				0.0
15 minute summer	FC17	18.000	J16	0.4	0.713	0.034	0.0028	
15 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC18	13	186.733	0.183	1.0	0.2291	0.0000	SURCHARGED
15 minute summer	FC19	14	186.641	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC20	14	187.189	0.239	1.3	0.3083	0.0000	SURCHARGED
15 minute summer	FC21	14	186.541	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC22	16	186.486	0.036	1.0	0.3507	0.0000	OK
15 minute summer	FC23	13	186.482	0.182	1.0	0.2273	0.0000	SURCHARGED
15 minute summer	FC24	14	186.539	0.239	1.3	0.3084	0.0000	SURCHARGED
15 minute summer	FC25	14	186.789	0.239	1.3	0.3083	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC18	19.000	J17	0.4	0.428	0.070	0.0067	
15 minute summer	FC18	Infiltration		0.0				0.0
15 minute summer	FC19	20.000	S3	0.5	0.446	0.081	0.0070	
15 minute summer	FC19	Infiltration		0.0				0.0
15 minute summer	FC20	21.000	J18	0.5	0.898	0.030	0.0023	
15 minute summer	FC20	Infiltration		0.0				0.0
15 minute summer	FC21	22.000	J19	0.5	0.447	0.081	0.0081	
15 minute summer	FC21	Infiltration		0.0				0.0
15 minute summer	FC22	23.000	S17	0.2	0.411	0.010	0.0125	
15 minute summer	FC22	Infiltration		0.0				0.0
15 minute summer	FC23	24.000	J20	0.4	0.755	0.031	0.0027	
15 minute summer	FC23	Infiltration		0.0				0.0
15 minute summer	FC24	25.000	J21	0.5	0.812	0.035	0.0027	
15 minute summer	FC24	Infiltration		0.0				0.0
15 minute summer	FC25	26.000	J22	0.5	0.892	0.030	0.0026	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC26	16	186.485	0.035	1.0	0.3528	0.0000	OK
15 minute summer	FC27	13	186.682	0.182	1.0	0.2271	0.0000	SURCHARGED
15 minute summer	FC28	14	186.739	0.239	1.3	0.3083	0.0000	SURCHARGED
15 minute summer	FC29	14	186.739	0.239	1.3	0.3083	0.0000	SURCHARGED
15 minute summer	FC30	14	186.989	0.239	1.3	0.3084	0.0000	SURCHARGED
15 minute summer	FC31	13	186.632	0.182	1.0	0.2279	0.0000	SURCHARGED
15 minute summer	FC32	13	186.632	0.182	1.0	0.2273	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC25	Infiltration		0.0				0.0
15 minute summer	FC26	27.000	J23	0.2	0.564	0.012	0.0013	
15 minute summer	FC26	Infiltration		0.0				0.0
15 minute summer	FC27	28.000	J24	0.4	1.059	0.019	0.0018	
15 minute summer	FC27	Infiltration		0.0				0.0
15 minute summer	FC28	29.000	J25	0.5	0.897	0.030	0.0023	
15 minute summer	FC28	Infiltration		0.0				0.0
15 minute summer	FC29	30.000	J26	0.5	0.872	0.031	0.0026	
15 minute summer	FC29	Infiltration		0.0				0.0
15 minute summer	FC30	31.000	J27	0.5	0.838	0.033	0.0025	
15 minute summer	FC30	Infiltration		0.0				0.0
15 minute summer	FC31	33.000	J28	0.4	0.410	0.046	0.0123	
15 minute summer	FC31	Infiltration		0.0				0.0
15 minute summer	FC32	34.000	J29	0.4	0.317	0.033	0.0128	
15 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC33	14	186.689	0.239	1.3	0.3084	0.0000	SURCHARGED
15 minute summer	FC34	14	186.691	0.241	1.3	0.3106	0.0000	SURCHARGED
15 minute summer	FC35	14	186.689	0.239	1.3	0.3084	0.0000	SURCHARGED
15 minute summer	FC36	14	186.689	0.239	1.3	0.3083	0.0000	SURCHARGED
15 minute summer	FC37	14	186.149	0.349	1.8	0.4712	0.0000	SURCHARGED
15 minute summer	FC38	17	185.480	0.030	1.0	0.3623	0.0000	OK
15 minute summer	FC39	13	185.632	0.182	1.0	0.2272	0.0000	SURCHARGED
15 minute summer	FC40	14	185.739	0.239	1.3	0.3081	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC33	35.000	S12	0.5	0.819	0.034	0.0083	
15 minute summer	FC33	Infiltration		0.0				0.0
15 minute summer	FC34	36.000	J30	0.5	0.459	0.077	0.0049	
15 minute summer	FC34	Infiltration		0.0				0.0
15 minute summer	FC35	37.000	J31	0.5	0.829	0.034	0.0030	
15 minute summer	FC35	Infiltration		0.0				0.0
15 minute summer	FC36	38.000	J32	0.5	0.869	0.032	0.0028	
15 minute summer	FC36	Infiltration		0.0				0.0
15 minute summer	FC37	39.000	J33	0.6	0.629	0.066	0.0061	
15 minute summer	FC37	Infiltration		0.0				0.0
15 minute summer	FC38	40.000	J34	0.1	0.523	0.011	0.0013	
15 minute summer	FC38	Infiltration		0.0				0.0
15 minute summer	FC39	41.000	J35	0.4	0.800	0.029	0.0023	
15 minute summer	FC39	Infiltration		0.0				0.0
15 minute summer	FC40	42.000	J36	0.5	1.021	0.025	0.0024	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC41	14	185.089	0.239	1.3	0.3090	0.0000	SURCHARGED
15 minute summer	FC42	14	184.840	0.240	1.3	0.3095	0.0000	SURCHARGED
15 minute summer	FC43	14	184.839	0.239	1.3	0.3091	0.0000	SURCHARGED
15 minute summer	FC44	10	184.621	0.021	1.0	0.0266	0.0000	OK
15 minute summer	FC45	13	184.782	0.182	1.0	0.2273	0.0000	SURCHARGED
15 minute summer	FC46	14	185.050	0.350	1.8	0.4727	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	14	185.039	0.239	1.3	0.3084	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC40	Infiltration		0.0				0.0
15 minute summer	FC41	43.000	J37	0.5	0.668	0.046	0.0036	
15 minute summer	FC41	Infiltration		0.0				0.0
15 minute summer	FC42	44.000	J38	0.5	0.581	0.055	0.0041	
15 minute summer	FC42	Infiltration		0.0				0.0
15 minute summer	FC43	45.000	J39	0.5	0.660	0.046	0.0031	
15 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	1.0	0.821	0.091	0.0052	
15 minute summer	FC44	Infiltration		0.0				0.0
15 minute summer	FC45	47.000	S10	0.4	0.745	0.032	0.0026	
15 minute summer	FC45	Infiltration		0.0				0.0
15 minute summer	FC46	48.000	S20	0.6	0.465	0.098	0.0075	
15 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
15 minute summer	FC48	50.000	J42	0.5	0.693	0.034	0.0062	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC49	14	185.041	0.241	1.3	0.3108	0.0000	SURCHARGED
15 minute summer	FC50	14	185.041	0.241	1.3	0.3108	0.0000	SURCHARGED
15 minute summer	FC51	14	185.091	0.241	1.3	0.3107	0.0000	SURCHARGED
15 minute summer	FC52	14	185.489	0.239	1.3	0.3091	0.0000	SURCHARGED
15 minute summer	FC53	14	185.490	0.240	1.3	0.3093	0.0000	SURCHARGED
15 minute summer	FC54	13	185.432	0.182	1.0	0.2276	0.0000	SURCHARGED
15 minute summer	FC55	13	185.432	0.182	1.0	0.2272	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC48	Infiltration		0.0				0.0
15 minute summer	FC49	51.000	S21	0.5	0.444	0.080	0.0047	
15 minute summer	FC49	Infiltration		0.0				0.0
15 minute summer	FC50	52.000	J43	0.5	0.445	0.080	0.0050	
15 minute summer	FC50	Infiltration		0.0				0.0
15 minute summer	FC51	55.000	S22	0.5	0.447	0.080	0.0065	
15 minute summer	FC51	Infiltration		0.0				0.0
15 minute summer	FC52	58.000	S23	0.5	0.650	0.048	0.0040	
15 minute summer	FC52	Infiltration		0.0				0.0
15 minute summer	FC53	61.000	J50	0.5	0.611	0.051	0.0033	
15 minute summer	FC53	Infiltration		0.0				0.0
15 minute summer	FC54	62.000	J51	0.4	0.650	0.038	0.0025	
15 minute summer	FC54	Infiltration		0.0				0.0
15 minute summer	FC55	64.000	J53	0.4	0.818	0.028	0.0021	
15 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC56	13	185.532	0.182	1.0	0.2272	0.0000	SURCHARGED
15 minute summer	FC57	13	185.532	0.182	1.0	0.2272	0.0000	SURCHARGED
15 minute summer	FC58	13	185.532	0.182	1.0	0.2273	0.0000	SURCHARGED
15 minute summer	FC59	13	185.532	0.182	1.0	0.2274	0.0000	SURCHARGED
15 minute summer	FC60	14	185.589	0.239	1.3	0.3087	0.0000	SURCHARGED
15 minute summer	FC61	14	185.540	0.240	1.3	0.3095	0.0000	SURCHARGED
15 minute summer	FC62	14	185.599	0.349	1.8	0.4716	0.0000	SURCHARGED
15 minute summer	FC63	13	185.583	0.183	1.0	0.2290	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC56	53.000	J44	0.4	0.844	0.027	0.0033	
15 minute summer	FC56	Infiltration		0.0				0.0
15 minute summer	FC57	54.000	J45	0.4	0.792	0.029	0.0034	
15 minute summer	FC57	Infiltration		0.0				0.0
15 minute summer	FC58	56.000	J46	0.4	0.761	0.031	0.0034	
15 minute summer	FC58	Infiltration		0.0				0.0
15 minute summer	FC59	57.000	J47	0.4	0.707	0.035	0.0038	
15 minute summer	FC59	Infiltration		0.0				0.0
15 minute summer	FC60	59.000	J48	0.5	0.729	0.041	0.0043	
15 minute summer	FC60	Infiltration		0.0				0.0
15 minute summer	FC61	60.000	J49	0.5	0.585	0.055	0.0060	
15 minute summer	FC61	Infiltration		0.0				0.0
15 minute summer	FC62	63.000	J52	0.6	0.570	0.076	0.0096	
15 minute summer	FC62	Infiltration		0.0				0.0
15 minute summer	FC63	65.000	S26	0.4	0.446	0.069	0.0043	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC64	13	185.340	0.190	1.0	0.2371	0.0000	SURCHARGED
15 minute summer	FC65	14	185.389	0.239	1.3	0.3091	0.0000	SURCHARGED
15 minute summer	FC66	14	185.240	0.240	1.3	0.3102	0.0000	SURCHARGED
15 minute summer	FC67	16	184.835	0.034	1.0	0.3542	0.0000	OK
15 minute summer	FC68	13	184.732	0.182	1.0	0.2281	0.0000	SURCHARGED
15 minute summer	J1	11	188.269	0.069	5.8	0.1008	0.0000	OK
15 minute summer	J2	11	188.141	0.085	6.2	0.0961	0.0000	OK
15 minute summer	J3	11	188.125	0.075	6.7	0.0844	0.0000	OK
15 minute summer	J4	11	188.091	0.052	7.0	0.0588	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC63	Infiltration		0.0				0.0
15 minute summer	FC64	66.000	J54	0.5	0.284	0.090	0.0085	
15 minute summer	FC64	Infiltration		0.0				0.0
15 minute summer	FC65	67.000	J55	0.5	0.335	0.049	0.0055	
15 minute summer	FC65	Infiltration		0.0				0.0
15 minute summer	FC66	68.000	S24	0.5	0.500	0.066	0.0020	
15 minute summer	FC66	Infiltration		0.0				0.0
15 minute summer	FC67	69.000	J56	0.2	0.315	0.026	0.0010	
15 minute summer	FC67	Infiltration		0.0				0.0
15 minute summer	FC68	70.000	J57	0.4	0.564	0.046	0.0017	
15 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	5.8	1.074	0.699	0.0271	
15 minute summer	J2	1.002	J3	6.2	0.650	0.460	0.0099	
15 minute summer	J3	1.003	J4	6.6	0.941	0.500	0.0138	
15 minute summer	J4	1.004	J5	7.0	1.406	0.204	0.0175	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	11	187.956	0.046	7.4	0.0515	0.0000	OK
15 minute summer	J6	12	187.715	0.065	7.7	0.0734	0.0000	OK
15 minute summer	J7	12	187.601	0.076	8.2	0.0861	0.0000	OK
15 minute summer	J8	12	187.568	0.047	8.7	0.0533	0.0000	OK
15 minute summer	J9	12	187.354	0.079	9.0	0.0894	0.0000	OK
15 minute summer	J10	12	187.316	0.046	9.5	0.0520	0.0000	OK
15 minute summer	J11	13	187.185	0.064	10.0	0.0725	0.0000	OK
15 minute summer	J12	12	186.891	0.082	15.6	0.0925	0.0000	OK
15 minute summer	J13	12	186.755	0.128	15.7	0.1446	0.0000	OK
15 minute summer	J14	12	186.741	0.119	16.1	0.1347	0.0000	OK
15 minute summer	J15	12	186.722	0.105	16.5	0.1189	0.0000	OK
15 minute summer	J16	12	186.686	0.081	16.9	0.0918	0.0000	OK
15 minute summer	J17	12	186.342	0.059	17.2	0.0665	0.0000	OK
15 minute summer	J18	12	186.204	0.079	20.1	0.0898	0.0000	OK
15 minute summer	J19	12	186.155	0.128	20.5	0.1452	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	7.4	1.261	0.192	0.0335	
15 minute summer	J6	1.006	J7	7.8	1.205	0.274	0.0127	
15 minute summer	J7	1.007	J8	8.3	0.942	0.270	0.0101	
15 minute summer	J8	1.008	J9	8.6	0.949	0.097	0.0781	
15 minute summer	J9	1.009	J10	9.0	1.002	0.270	0.0110	
15 minute summer	J10	1.010	J11	9.5	1.312	0.074	0.0183	
15 minute summer	J11	1.011	S2	9.9	0.684	0.153	0.0814	
15 minute summer	J12	1.013	J13	15.6	1.286	0.233	0.0785	
15 minute summer	J13	1.014	J14	15.7	0.576	0.278	0.0518	
15 minute summer	J14	1.015	J15	16.1	0.671	0.286	0.0460	
15 minute summer	J15	1.016	J16	16.5	0.886	0.309	0.0958	
15 minute summer	J16	1.017	J17	16.9	1.222	0.118	0.0464	
15 minute summer	J17	1.018	S3	17.2	1.058	0.055	0.0317	
15 minute summer	J18	1.020	J19	20.1	0.928	0.070	0.0325	
15 minute summer	J19	1.021	S4	20.5	0.791	0.371	0.1139	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	11	186.095	0.064	4.1	0.0724	0.0000	OK
15 minute summer	J21	11	186.073	0.064	4.5	0.0722	0.0000	OK
15 minute summer	J22	12	186.034	0.071	4.9	0.0799	0.0000	OK
15 minute summer	J23	12	186.010	0.068	5.0	0.0765	0.0000	OK
15 minute summer	J24	12	185.913	0.096	8.6	0.1088	0.0000	OK
15 minute summer	J25	12	185.899	0.103	8.9	0.1166	0.0000	OK
15 minute summer	J26	12	185.888	0.108	9.4	0.1227	0.0000	OK
15 minute summer	J27	12	185.845	0.109	12.8	0.1229	0.0000	OK
15 minute summer	J28	11	186.418	0.062	3.8	0.0705	0.0000	OK
15 minute summer	J29	11	186.339	0.068	4.2	0.0764	0.0000	OK
15 minute summer	J30	11	186.241	0.094	8.3	0.1064	0.0000	OK
15 minute summer	J31	12	186.132	0.088	8.7	0.0990	0.0000	OK
15 minute summer	J32	12	186.092	0.081	9.1	0.0919	0.0000	OK
15 minute summer	J33	12	185.588	0.053	12.7	0.0598	0.0000	OK
15 minute summer	J34	11	185.230	0.105	16.4	0.1182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	4.1	0.574	0.303	0.0270	
15 minute summer	J21	23.003	J22	4.5	0.593	0.333	0.0608	
15 minute summer	J22	23.004	J23	4.9	0.623	0.363	0.0285	
15 minute summer	J23	23.005	S18	5.0	0.680	0.375	0.0554	
15 minute summer	J24	23.007	J25	8.4	0.512	0.280	0.1048	
15 minute summer	J25	23.008	J26	8.9	0.486	0.295	0.0910	
15 minute summer	J26	23.009	S19	9.4	0.506	0.307	0.0711	
15 minute summer	J27	23.011	S4	12.8	0.745	0.429	0.0411	
15 minute summer	J28	32.001	J29	3.8	0.721	0.649	0.0475	
15 minute summer	J29	32.002	S12	4.2	0.778	0.700	0.0249	
15 minute summer	J30	32.004	J31	8.2	0.759	0.622	0.0540	
15 minute summer	J31	32.005	J32	8.7	0.639	0.289	0.1323	
15 minute summer	J32	32.006	S13	9.2	0.912	0.305	0.0544	
15 minute summer	J33	32.008	S14	12.7	1.049	0.122	0.1124	
15 minute summer	J34	32.010	J35	16.3	1.147	0.423	0.1291	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	12	185.145	0.070	16.7	0.0795	0.0000	OK
15 minute summer	J36	12	184.985	0.110	17.3	0.1246	0.0000	OK
15 minute summer	J37	12	184.613	0.113	21.1	0.1274	0.0000	OK
15 minute summer	J38	12	184.453	0.153	24.9	0.1726	0.0000	OK
15 minute summer	J39	12	184.413	0.139	25.5	0.1570	0.0000	OK
15 minute summer	J40	12	184.380	0.115	26.4	0.1301	0.0000	OK
15 minute summer	J41	15	184.618	0.021	0.6	0.0238	0.0000	OK
15 minute summer	J42	15	184.566	0.029	1.1	0.0332	0.0000	OK
15 minute summer	J43	12	184.444	0.064	3.8	0.0724	0.0000	OK
15 minute summer	J44	12	184.431	0.061	4.1	0.0687	0.0000	OK
15 minute summer	J45	12	184.386	0.066	4.5	0.0749	0.0000	OK
15 minute summer	J46	12	184.323	0.101	7.2	0.1141	0.0000	OK
15 minute summer	J47	12	184.317	0.110	7.6	0.1241	0.0000	OK
15 minute summer	J48	12	184.302	0.108	10.2	0.1221	0.0000	OK
15 minute summer	J49	13	184.289	0.120	10.6	0.1356	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	16.8	1.130	0.189	0.1027	
15 minute summer	J36	32.012	S15	17.3	1.099	0.578	0.0375	
15 minute summer	J37	32.014	S16	21.2	1.172	0.384	0.0951	
15 minute summer	J38	32.016	J39	25.1	0.739	0.464	0.3670	
15 minute summer	J39	32.017	J40	25.5	0.901	0.467	0.1036	
15 minute summer	J40	32.018	S10	26.4	1.132	0.265	0.2230	
15 minute summer	J41	48.002	J42	0.6	0.373	0.097	0.0097	
15 minute summer	J42	48.003	S21	1.0	0.558	0.177	0.0153	
15 minute summer	J43	48.005	J44	3.7	0.547	0.268	0.0111	
15 minute summer	J44	48.006	J45	4.2	0.586	0.311	0.0622	
15 minute summer	J45	48.007	S22	4.5	0.647	0.333	0.0166	
15 minute summer	J46	48.009	J47	7.2	0.404	0.233	0.0768	
15 minute summer	J47	48.010	S23	7.5	0.384	0.249	0.0518	
15 minute summer	J48	48.012	J49	10.1	0.519	0.339	0.1498	
15 minute summer	J49	48.013	J50	10.4	0.511	0.340	0.0238	

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	13	184.280	0.115	10.9	0.1299	0.0000	OK
15 minute summer	J51	13	184.266	0.118	11.3	0.1338	0.0000	OK
15 minute summer	J52	13	184.254	0.110	11.8	0.1246	0.0000	OK
15 minute summer	J53	13	184.231	0.104	12.2	0.1175	0.0000	OK
15 minute summer	J54	11	185.189	0.060	3.5	0.0680	0.0000	OK
15 minute summer	J55	11	185.147	0.053	3.9	0.0603	0.0000	OK
15 minute summer	J56	13	184.141	0.134	17.8	0.1517	0.0000	OK
15 minute summer	J57	13	184.119	0.134	18.3	0.1518	0.0000	OK
15 minute summer	BASIN 1	40	185.191	0.266	36.6	21.7046	0.0000	OK
15 minute summer	BASIN 2	255	184.500	0.200	2.0	18.3217	0.0000	OK
15 minute summer	BASIN 3	255	182.661	-0.439	33.0	21.7485	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	10.9	0.531	0.364	0.1053	
15 minute summer	J51	48.015	J52	11.3	0.560	0.368	0.0230	
15 minute summer	J52	48.016	J53	11.8	0.636	0.388	0.0907	
15 minute summer	J53	48.017	S24	12.2	0.742	0.403	0.1683	
15 minute summer	J54	65.002	J55	3.5	0.757	0.586	0.0167	
15 minute summer	J55	65.003	S24	3.8	0.939	0.506	0.0322	
15 minute summer	J56	48.019	J57	17.9	0.586	0.329	0.2770	
15 minute summer	J57	48.020	S25	18.4	0.625	0.336	0.1799	
15 minute summer	BASIN 1	1.023	S5	3.5	0.332	0.042	0.7369	
15 minute summer	BASIN 1	Infiltration		0.1				1.5
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 2	71.000	BH1	1.4	0.611	0.236	0.1829	
15 minute summer	BASIN 2	Infiltration		0.0				0.0
15 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	BASIN 4	65	183.392	0.062	23.1	17.3581	0.0000	OK
15 minute summer	SWALE 1	40	184.912	0.038	1.7	0.0540	0.0000	OK
15 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	13	184.121	0.126	29.9	0.1798	0.0000	OK
15 minute summer	BH1	255	184.500	0.423	1.4	2.0291	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute summer	BH3	64	183.392	0.073	3.4	1.9464	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	BASIN 4	48.022	BH3	3.4	0.781	0.063	0.0539	
15 minute summer	BASIN 4	Infiltration		0.0				0.0
15 minute summer	SWALE 1	1.025	S6	1.7	0.324	0.021	0.2125	
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute summer	SWALE 3	1.033	BASIN 3	29.4	0.929	0.235	1.3681	
15 minute summer	BH1	Infiltration		0.1				1.2
15 minute summer	BH2	Infiltration		0.0				0.0
15 minute summer	BH3	Infiltration		0.2				2.6

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.407	0.037	2.6	0.0545	0.0000	OK
15 minute winter	S2	12	187.155	0.116	14.5	0.2009	0.0000	OK
15 minute winter	S3	12	186.246	0.109	18.8	0.1450	0.0000	OK
15 minute winter	S4	12	185.475	0.097	33.6	0.1239	0.0000	OK
15 minute winter	S5	39	185.194	0.284	3.5	0.4060	0.0000	OK
15 minute winter	S6	42	184.845	0.037	1.7	0.0526	0.0000	OK
15 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.202	0.077	1.2	0.1105	0.0000	OK
15 minute winter	S10	12	184.202	0.089	28.4	0.1619	0.0000	OK
15 minute winter	S11	10	186.459	0.059	3.4	0.0927	0.0000	OK
15 minute winter	S12	11	186.269	0.093	7.6	0.1369	0.0000	OK
15 minute winter	S13	11	186.048	0.055	11.7	0.0819	0.0000	OK
15 minute winter	S14	11	185.275	0.100	15.6	0.1572	0.0000	OK
15 minute winter	S15	12	184.943	0.076	19.5	0.1197	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S1	1.000	J1	2.5	0.637	0.292	0.0328	
15 minute winter	S2	1.012	J12	14.4	0.770	0.482	0.0280	
15 minute winter	S3	1.019	J18	18.8	1.013	0.353	0.0959	
15 minute winter	S4	1.022	BASIN 1	33.6	1.793	0.200	0.4275	
15 minute winter	S5	1.024	SWALE 1	1.7	0.375	0.021	0.1165	
15 minute winter	S6	1.026	BASIN 2	1.7	0.376	0.020	0.0267	
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0980	
15 minute winter	S9	1.031	S10	-1.2	-0.197	-0.014	0.1212	
15 minute winter	S10	1.032	SWALE 3	28.3	1.154	0.086	0.1110	
15 minute winter	S11	32.000	J28	3.3	0.691	0.557	0.0219	
15 minute winter	S12	32.003	J30	7.5	0.666	0.564	0.0575	
15 minute winter	S13	32.007	J33	11.6	1.628	0.119	0.0928	
15 minute winter	S14	32.009	J34	15.5	0.899	0.304	0.0901	
15 minute winter	S15	32.013	J37	19.6	1.755	0.212	0.1043	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.555	0.067	23.2	0.1028	0.0000	OK
15 minute winter	S17	11	186.208	0.058	3.6	0.0930	0.0000	OK
15 minute winter	S18	12	185.919	0.095	7.8	0.1402	0.0000	OK
15 minute winter	S19	12	185.873	0.107	11.6	0.1543	0.0000	OK
15 minute winter	S20	15	184.664	0.022	0.6	0.0247	0.0000	OK
15 minute winter	S21	11	184.465	0.056	3.3	0.0744	0.0000	OK
15 minute winter	S22	12	184.327	0.096	6.8	0.1245	0.0000	OK
15 minute winter	S23	12	184.310	0.112	9.6	0.1440	0.0000	OK
15 minute winter	S24	13	184.155	0.138	17.3	0.1810	0.0000	OK
15 minute winter	S25	13	184.096	0.126	19.5	0.1738	0.0000	OK
15 minute winter	S26	10	185.414	0.037	3.0	0.0542	0.0000	OK
15 minute winter	FC1	14	188.499	0.249	1.2	0.3213	0.0000	SURCHARGED
15 minute winter	FC2	14	188.399	0.249	1.2	0.3215	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S16	32.015	J38	23.2	1.031	0.073	0.0536	
15 minute winter	S17	23.001	J20	3.5	0.759	0.586	0.0327	
15 minute winter	S18	23.006	J24	7.7	0.505	0.241	0.0286	
15 minute winter	S19	23.010	J27	11.7	0.633	0.389	0.1641	
15 minute winter	S20	48.001	J41	0.6	0.473	0.097	0.0057	
15 minute winter	S21	48.004	J43	3.3	0.512	0.248	0.0331	
15 minute winter	S22	48.008	J46	6.7	0.442	0.212	0.0401	
15 minute winter	S23	48.011	J48	9.5	0.516	0.309	0.0214	
15 minute winter	S24	48.018	J56	17.4	0.569	0.324	0.1305	
15 minute winter	S25	48.021	BASIN 4	19.5	0.777	0.366	0.0967	
15 minute winter	S26	65.001	J54	3.0	0.850	0.286	0.0311	
15 minute winter	FC1	2.000	J1	0.5	0.435	0.078	0.0149	
15 minute winter	FC1	Infiltration		0.0				0.0
15 minute winter	FC2	3.000	J2	0.5	0.448	0.081	0.0070	
15 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC3	15	188.551	0.351	1.7	0.4740	0.0000	SURCHARGED
15 minute winter	FC4	14	188.376	0.176	0.9	0.2197	0.0000	SURCHARGED
15 minute winter	FC5	14	188.249	0.249	1.2	0.3217	0.0000	SURCHARGED
15 minute winter	FC6	14	188.025	0.175	0.9	0.2192	0.0000	SURCHARGED
15 minute winter	FC7	14	187.926	0.176	0.9	0.2198	0.0000	SURCHARGED
15 minute winter	FC8	14	187.998	0.248	1.2	0.3201	0.0000	SURCHARGED
15 minute winter	FC9	14	187.646	0.176	0.9	0.2205	0.0000	SURCHARGED
15 minute winter	FC10	15	187.821	0.351	1.7	0.4739	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC3	4.000	J3	0.6	0.494	0.093	0.0110	
15 minute winter	FC3	Infiltration		0.0				0.0
15 minute winter	FC4	5.000	J4	0.4	0.501	0.054	0.0059	
15 minute winter	FC4	Infiltration		0.0				0.0
15 minute winter	FC5	6.000	J5	0.5	0.446	0.081	0.0045	
15 minute winter	FC5	Infiltration		0.0				0.0
15 minute winter	FC6	7.000	J6	0.4	0.559	0.047	0.0053	
15 minute winter	FC6	Infiltration		0.0				0.0
15 minute winter	FC7	8.000	J7	0.4	0.485	0.057	0.0060	
15 minute winter	FC7	Infiltration		0.0				0.0
15 minute winter	FC8	9.000	J8	0.5	0.627	0.051	0.0032	
15 minute winter	FC8	Infiltration		0.0				0.0
15 minute winter	FC9	10.000	J9	0.4	0.427	0.068	0.0068	
15 minute winter	FC9	Infiltration		0.0				0.0
15 minute winter	FC10	11.000	J10	0.6	0.512	0.088	0.0071	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC11	14	187.569	0.249	1.2	0.3216	0.0000	SURCHARGED
15 minute winter	FC12	14	187.479	0.249	1.2	0.3216	0.0000	SURCHARGED
15 minute winter	FC13	14	187.249	0.249	1.2	0.3216	0.0000	SURCHARGED
15 minute winter	FC14	16	186.938	0.038	1.2	0.4824	0.0000	OK
15 minute winter	FC15	14	187.374	0.174	0.9	0.2181	0.0000	SURCHARGED
15 minute winter	FC16	14	187.076	0.176	0.9	0.2202	0.0000	SURCHARGED
15 minute winter	FC17	14	187.175	0.175	0.9	0.2185	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC10	Infiltration		0.0				0.0
15 minute winter	FC11	12.000	J11	0.5	0.449	0.082	0.0083	
15 minute winter	FC11	Infiltration		0.0				0.0
15 minute winter	FC12	13.000	S2	0.5	0.449	0.082	0.0074	
15 minute winter	FC12	Infiltration		0.0				0.0
15 minute winter	FC13	14.000	J12	0.5	0.450	0.081	0.0073	
15 minute winter	FC13	Infiltration		0.0				0.0
15 minute winter	FC14	15.000	J13	0.2	0.328	0.028	0.0038	
15 minute winter	FC14	Infiltration		0.0				0.0
15 minute winter	FC15	16.000	J14	0.4	0.905	0.024	0.0021	
15 minute winter	FC15	Infiltration		0.0				0.0
15 minute winter	FC16	17.000	J15	0.4	0.446	0.064	0.0068	
15 minute winter	FC16	Infiltration		0.0				0.0
15 minute winter	FC17	18.000	J16	0.4	0.708	0.033	0.0028	
15 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC18	14	186.726	0.176	0.9	0.2205	0.0000	SURCHARGED
15 minute winter	FC19	14	186.649	0.249	1.2	0.3217	0.0000	SURCHARGED
15 minute winter	FC20	14	187.197	0.247	1.2	0.3191	0.0000	SURCHARGED
15 minute winter	FC21	14	186.549	0.249	1.2	0.3216	0.0000	SURCHARGED
15 minute winter	FC22	16	186.486	0.036	0.9	0.3455	0.0000	OK
15 minute winter	FC23	14	186.475	0.175	0.9	0.2183	0.0000	SURCHARGED
15 minute winter	FC24	14	186.547	0.247	1.2	0.3193	0.0000	SURCHARGED
15 minute winter	FC25	14	186.797	0.247	1.2	0.3191	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC18	19.000	J17	0.4	0.425	0.068	0.0066	
15 minute winter	FC18	Infiltration		0.0				0.0
15 minute winter	FC19	20.000	S3	0.5	0.448	0.082	0.0071	
15 minute winter	FC19	Infiltration		0.0				0.0
15 minute winter	FC20	21.000	J18	0.5	0.903	0.030	0.0023	
15 minute winter	FC20	Infiltration		0.0				0.0
15 minute winter	FC21	22.000	J19	0.5	0.449	0.082	0.0082	
15 minute winter	FC21	Infiltration		0.0				0.0
15 minute winter	FC22	23.000	S17	0.2	0.409	0.010	0.0118	
15 minute winter	FC22	Infiltration		0.0				0.0
15 minute winter	FC23	24.000	J20	0.4	0.750	0.031	0.0025	
15 minute winter	FC23	Infiltration		0.0				0.0
15 minute winter	FC24	25.000	J21	0.5	0.816	0.035	0.0028	
15 minute winter	FC24	Infiltration		0.0				0.0
15 minute winter	FC25	26.000	J22	0.5	0.896	0.031	0.0026	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC26	16	186.485	0.035	0.9	0.3476	0.0000	OK
15 minute winter	FC27	14	186.674	0.174	0.9	0.2181	0.0000	SURCHARGED
15 minute winter	FC28	14	186.747	0.247	1.2	0.3191	0.0000	SURCHARGED
15 minute winter	FC29	14	186.747	0.247	1.2	0.3191	0.0000	SURCHARGED
15 minute winter	FC30	14	186.997	0.247	1.2	0.3192	0.0000	SURCHARGED
15 minute winter	FC31	14	186.625	0.175	0.9	0.2190	0.0000	SURCHARGED
15 minute winter	FC32	14	186.625	0.175	0.9	0.2184	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC25	Infiltration		0.0				0.0
15 minute winter	FC26	27.000	J23	0.2	0.562	0.012	0.0013	
15 minute winter	FC26	Infiltration		0.0				0.0
15 minute winter	FC27	28.000	J24	0.4	1.052	0.019	0.0017	
15 minute winter	FC27	Infiltration		0.0				0.0
15 minute winter	FC28	29.000	J25	0.5	0.901	0.031	0.0024	
15 minute winter	FC28	Infiltration		0.0				0.0
15 minute winter	FC29	30.000	J26	0.5	0.877	0.032	0.0026	
15 minute winter	FC29	Infiltration		0.0				0.0
15 minute winter	FC30	31.000	J27	0.5	0.842	0.034	0.0026	
15 minute winter	FC30	Infiltration		0.0				0.0
15 minute winter	FC31	33.000	J28	0.4	0.407	0.045	0.0118	
15 minute winter	FC31	Infiltration		0.0				0.0
15 minute winter	FC32	34.000	J29	0.4	0.315	0.032	0.0123	
15 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC33	14	186.697	0.247	1.2	0.3192	0.0000	SURCHARGED
15 minute winter	FC34	14	186.699	0.249	1.2	0.3215	0.0000	SURCHARGED
15 minute winter	FC35	14	186.697	0.247	1.2	0.3193	0.0000	SURCHARGED
15 minute winter	FC36	14	186.697	0.247	1.2	0.3192	0.0000	SURCHARGED
15 minute winter	FC37	15	186.150	0.350	1.7	0.4728	0.0000	SURCHARGED
15 minute winter	FC38	17	185.480	0.030	0.9	0.3573	0.0000	OK
15 minute winter	FC39	14	185.624	0.174	0.9	0.2182	0.0000	SURCHARGED
15 minute winter	FC40	14	185.747	0.247	1.2	0.3189	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC33	35.000	S12	0.5	0.821	0.034	0.0076	
15 minute winter	FC33	Infiltration		0.0				0.0
15 minute winter	FC34	36.000	J30	0.5	0.461	0.078	0.0050	
15 minute winter	FC34	Infiltration		0.0				0.0
15 minute winter	FC35	37.000	J31	0.5	0.833	0.034	0.0030	
15 minute winter	FC35	Infiltration		0.0				0.0
15 minute winter	FC36	38.000	J32	0.5	0.873	0.032	0.0028	
15 minute winter	FC36	Infiltration		0.0				0.0
15 minute winter	FC37	39.000	J33	0.6	0.629	0.066	0.0061	
15 minute winter	FC37	Infiltration		0.0				0.0
15 minute winter	FC38	40.000	J34	0.1	0.522	0.011	0.0013	
15 minute winter	FC38	Infiltration		0.0				0.0
15 minute winter	FC39	41.000	J35	0.4	0.795	0.028	0.0023	
15 minute winter	FC39	Infiltration		0.0				0.0
15 minute winter	FC40	42.000	J36	0.5	1.026	0.026	0.0024	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC41	14	185.098	0.248	1.2	0.3199	0.0000	SURCHARGED
15 minute winter	FC42	14	184.848	0.248	1.2	0.3204	0.0000	SURCHARGED
15 minute winter	FC43	14	184.848	0.248	1.2	0.3199	0.0000	SURCHARGED
15 minute winter	FC44	11	184.620	0.020	0.9	0.0256	0.0000	OK
15 minute winter	FC45	14	184.775	0.175	0.9	0.2184	0.0000	SURCHARGED
15 minute winter	FC46	15	185.051	0.351	1.7	0.4745	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	14	185.047	0.247	1.2	0.3192	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC40	Infiltration		0.0				0.0
15 minute winter	FC41	43.000	J37	0.5	0.671	0.046	0.0037	
15 minute winter	FC41	Infiltration		0.0				0.0
15 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041	
15 minute winter	FC42	Infiltration		0.0				0.0
15 minute winter	FC43	45.000	J39	0.5	0.663	0.047	0.0032	
15 minute winter	FC43	Infiltration		0.0				0.0
15 minute winter	FC44	46.000	J40	0.9	0.805	0.084	0.0049	
15 minute winter	FC44	Infiltration		0.0				0.0
15 minute winter	FC45	47.000	S10	0.4	0.740	0.031	0.0025	
15 minute winter	FC45	Infiltration		0.0				0.0
15 minute winter	FC46	48.000	S20	0.6	0.465	0.098	0.0075	
15 minute winter	FC46	Infiltration		0.0				0.0
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
15 minute winter	FC48	50.000	J42	0.5	0.700	0.035	0.0063	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC49	14	185.049	0.249	1.2	0.3217	0.0000	SURCHARGED
15 minute winter	FC50	14	185.049	0.249	1.2	0.3217	0.0000	SURCHARGED
15 minute winter	FC51	14	185.099	0.249	1.2	0.3216	0.0000	SURCHARGED
15 minute winter	FC52	14	185.498	0.248	1.2	0.3200	0.0000	SURCHARGED
15 minute winter	FC53	14	185.498	0.248	1.2	0.3202	0.0000	SURCHARGED
15 minute winter	FC54	14	185.425	0.175	0.9	0.2187	0.0000	SURCHARGED
15 minute winter	FC55	14	185.424	0.174	0.9	0.2182	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC48	Infiltration		0.0				0.0
15 minute winter	FC49	51.000	S21	0.5	0.446	0.081	0.0047	
15 minute winter	FC49	Infiltration		0.0				0.0
15 minute winter	FC50	52.000	J43	0.5	0.447	0.082	0.0051	
15 minute winter	FC50	Infiltration		0.0				0.0
15 minute winter	FC51	55.000	S22	0.5	0.448	0.082	0.0066	
15 minute winter	FC51	Infiltration		0.0				0.0
15 minute winter	FC52	58.000	S23	0.5	0.653	0.048	0.0041	
15 minute winter	FC52	Infiltration		0.0				0.0
15 minute winter	FC53	61.000	J50	0.5	0.613	0.052	0.0034	
15 minute winter	FC53	Infiltration		0.0				0.0
15 minute winter	FC54	62.000	J51	0.4	0.645	0.038	0.0025	
15 minute winter	FC54	Infiltration		0.0				0.0
15 minute winter	FC55	64.000	J53	0.4	0.813	0.027	0.0021	
15 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC56	14	185.524	0.174	0.9	0.2181	0.0000	SURCHARGED
15 minute winter	FC57	14	185.524	0.174	0.9	0.2182	0.0000	SURCHARGED
15 minute winter	FC58	14	185.525	0.175	0.9	0.2183	0.0000	SURCHARGED
15 minute winter	FC59	14	185.525	0.175	0.9	0.2185	0.0000	SURCHARGED
15 minute winter	FC60	14	185.598	0.248	1.2	0.3196	0.0000	SURCHARGED
15 minute winter	FC61	14	185.548	0.248	1.2	0.3204	0.0000	SURCHARGED
15 minute winter	FC62	15	185.600	0.350	1.7	0.4733	0.0000	SURCHARGED
15 minute winter	FC63	14	185.576	0.176	0.9	0.2203	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC56	53.000	J44	0.4	0.838	0.026	0.0032	
15 minute winter	FC56	Infiltration		0.0				0.0
15 minute winter	FC57	54.000	J45	0.4	0.787	0.029	0.0034	
15 minute winter	FC57	Infiltration		0.0				0.0
15 minute winter	FC58	56.000	J46	0.4	0.756	0.030	0.0033	
15 minute winter	FC58	Infiltration		0.0				0.0
15 minute winter	FC59	57.000	J47	0.4	0.702	0.034	0.0037	
15 minute winter	FC59	Infiltration		0.0				0.0
15 minute winter	FC60	59.000	J48	0.5	0.733	0.041	0.0044	
15 minute winter	FC60	Infiltration		0.0				0.0
15 minute winter	FC61	60.000	J49	0.5	0.587	0.056	0.0061	
15 minute winter	FC61	Infiltration		0.0				0.0
15 minute winter	FC62	63.000	J52	0.6	0.570	0.076	0.0096	
15 minute winter	FC62	Infiltration		0.0				0.0
15 minute winter	FC63	65.000	S26	0.4	0.444	0.068	0.0041	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC64	14	185.333	0.183	0.9	0.2284	0.0000	SURCHARGED
15 minute winter	FC65	14	185.398	0.248	1.2	0.3200	0.0000	SURCHARGED
15 minute winter	FC66	14	185.249	0.249	1.2	0.3211	0.0000	SURCHARGED
15 minute winter	FC67	16	184.834	0.034	0.9	0.3491	0.0000	OK
15 minute winter	FC68	14	184.725	0.175	0.9	0.2193	0.0000	SURCHARGED
15 minute winter	J1	11	188.265	0.065	5.5	0.0953	0.0000	OK
15 minute winter	J2	11	188.138	0.082	5.8	0.0925	0.0000	OK
15 minute winter	J3	11	188.122	0.072	6.3	0.0815	0.0000	OK
15 minute winter	J4	11	188.089	0.050	6.6	0.0569	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC63	Infiltration		0.0				0.0
15 minute winter	FC64	66.000	J54	0.5	0.283	0.083	0.0081	
15 minute winter	FC64	Infiltration		0.0				0.0
15 minute winter	FC65	67.000	J55	0.5	0.342	0.050	0.0053	
15 minute winter	FC65	Infiltration		0.0				0.0
15 minute winter	FC66	68.000	S24	0.5	0.502	0.067	0.0020	
15 minute winter	FC66	Infiltration		0.0				0.0
15 minute winter	FC67	69.000	J56	0.2	0.314	0.026	0.0010	
15 minute winter	FC67	Infiltration		0.0				0.0
15 minute winter	FC68	70.000	J57	0.4	0.560	0.045	0.0016	
15 minute winter	FC68	Infiltration		0.0				0.0
15 minute winter	J1	1.001	J2	5.4	1.059	0.647	0.0254	
15 minute winter	J2	1.002	J3	5.8	0.638	0.430	0.0094	
15 minute winter	J3	1.003	J4	6.3	0.928	0.472	0.0132	
15 minute winter	J4	1.004	J5	6.6	1.388	0.193	0.0168	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J5	11	187.954	0.044	7.0	0.0501	0.0000	OK
15 minute winter	J6	12	187.713	0.063	7.3	0.0708	0.0000	OK
15 minute winter	J7	12	187.599	0.074	7.7	0.0836	0.0000	OK
15 minute winter	J8	12	187.567	0.046	8.3	0.0520	0.0000	OK
15 minute winter	J9	12	187.352	0.077	8.6	0.0871	0.0000	OK
15 minute winter	J10	12	187.315	0.045	9.1	0.0506	0.0000	OK
15 minute winter	J11	13	187.183	0.062	9.5	0.0699	0.0000	OK
15 minute winter	J12	12	186.889	0.080	14.9	0.0902	0.0000	OK
15 minute winter	J13	12	186.752	0.125	15.0	0.1410	0.0000	OK
15 minute winter	J14	12	186.738	0.116	15.4	0.1316	0.0000	OK
15 minute winter	J15	12	186.720	0.103	15.8	0.1162	0.0000	OK
15 minute winter	J16	12	186.684	0.079	16.2	0.0896	0.0000	OK
15 minute winter	J17	12	186.340	0.057	16.5	0.0645	0.0000	OK
15 minute winter	J18	12	186.202	0.077	19.3	0.0870	0.0000	OK
15 minute winter	J19	12	186.153	0.126	19.7	0.1420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J5	1.005	J6	7.0	1.247	0.183	0.0319	
15 minute winter	J6	1.006	J7	7.3	1.189	0.258	0.0122	
15 minute winter	J7	1.007	J8	7.9	0.929	0.256	0.0097	
15 minute winter	J8	1.008	J9	8.2	0.934	0.092	0.0754	
15 minute winter	J9	1.009	J10	8.6	0.990	0.257	0.0106	
15 minute winter	J10	1.010	J11	9.1	1.304	0.071	0.0175	
15 minute winter	J11	1.011	S2	9.5	0.672	0.147	0.0787	
15 minute winter	J12	1.013	J13	14.9	1.271	0.222	0.0758	
15 minute winter	J13	1.014	J14	15.0	0.568	0.265	0.0502	
15 minute winter	J14	1.015	J15	15.4	0.663	0.273	0.0446	
15 minute winter	J15	1.016	J16	15.8	0.875	0.296	0.0927	
15 minute winter	J16	1.017	J17	16.1	1.209	0.113	0.0449	
15 minute winter	J17	1.018	S3	16.5	1.047	0.053	0.0306	
15 minute winter	J18	1.020	J19	19.2	0.921	0.067	0.0314	
15 minute winter	J19	1.021	S4	19.6	0.780	0.356	0.1106	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J20	11	186.093	0.062	3.8	0.0697	0.0000	OK
15 minute winter	J21	11	186.071	0.062	4.3	0.0699	0.0000	OK
15 minute winter	J22	12	186.031	0.068	4.7	0.0772	0.0000	OK
15 minute winter	J23	12	186.008	0.066	4.8	0.0741	0.0000	OK
15 minute winter	J24	12	185.910	0.093	8.1	0.1047	0.0000	OK
15 minute winter	J25	12	185.895	0.099	8.4	0.1124	0.0000	OK
15 minute winter	J26	12	185.884	0.105	8.9	0.1185	0.0000	OK
15 minute winter	J27	12	185.841	0.105	12.1	0.1192	0.0000	OK
15 minute winter	J28	11	186.416	0.060	3.6	0.0679	0.0000	OK
15 minute winter	J29	11	186.336	0.065	4.0	0.0737	0.0000	OK
15 minute winter	J30	11	186.238	0.091	7.9	0.1032	0.0000	OK
15 minute winter	J31	12	186.129	0.085	8.3	0.0964	0.0000	OK
15 minute winter	J32	12	186.090	0.079	8.7	0.0898	0.0000	OK
15 minute winter	J33	12	185.587	0.052	12.1	0.0584	0.0000	OK
15 minute winter	J34	11	185.227	0.102	15.5	0.1149	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J20	23.002	J21	3.8	0.564	0.284	0.0258	
15 minute winter	J21	23.003	J22	4.2	0.584	0.316	0.0581	
15 minute winter	J22	23.004	J23	4.6	0.616	0.343	0.0273	
15 minute winter	J23	23.005	S18	4.8	0.672	0.356	0.0532	
15 minute winter	J24	23.007	J25	8.0	0.506	0.265	0.0998	
15 minute winter	J25	23.008	J26	8.4	0.482	0.279	0.0869	
15 minute winter	J26	23.009	S19	8.9	0.496	0.291	0.0680	
15 minute winter	J27	23.011	S4	12.1	0.732	0.406	0.0396	
15 minute winter	J28	32.001	J29	3.6	0.712	0.615	0.0455	
15 minute winter	J29	32.002	S12	3.9	0.770	0.665	0.0239	
15 minute winter	J30	32.004	J31	7.9	0.749	0.593	0.0522	
15 minute winter	J31	32.005	J32	8.3	0.630	0.276	0.1280	
15 minute winter	J32	32.006	S13	8.8	0.895	0.292	0.0526	
15 minute winter	J33	32.008	S14	12.1	1.040	0.116	0.1081	
15 minute winter	J34	32.010	J35	15.5	1.133	0.402	0.1241	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J35	12	185.143	0.068	15.9	0.0771	0.0000	OK
15 minute winter	J36	12	184.982	0.107	16.4	0.1213	0.0000	OK
15 minute winter	J37	12	184.610	0.110	20.1	0.1239	0.0000	OK
15 minute winter	J38	12	184.448	0.148	23.6	0.1673	0.0000	OK
15 minute winter	J39	12	184.409	0.135	24.2	0.1523	0.0000	OK
15 minute winter	J40	12	184.377	0.112	25.0	0.1262	0.0000	OK
15 minute winter	J41	16	184.618	0.021	0.6	0.0239	0.0000	OK
15 minute winter	J42	16	184.567	0.030	1.1	0.0334	0.0000	OK
15 minute winter	J43	12	184.443	0.063	3.7	0.0715	0.0000	OK
15 minute winter	J44	12	184.430	0.060	4.1	0.0679	0.0000	OK
15 minute winter	J45	12	184.386	0.066	4.5	0.0741	0.0000	OK
15 minute winter	J46	12	184.321	0.099	7.1	0.1121	0.0000	OK
15 minute winter	J47	12	184.315	0.108	7.4	0.1222	0.0000	OK
15 minute winter	J48	13	184.300	0.106	10.0	0.1204	0.0000	OK
15 minute winter	J49	13	184.288	0.119	10.3	0.1342	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J35	32.011	J36	16.0	1.117	0.179	0.0988	
15 minute winter	J36	32.012	S15	16.5	1.086	0.550	0.0361	
15 minute winter	J37	32.014	S16	20.1	1.160	0.364	0.0910	
15 minute winter	J38	32.016	J39	23.7	0.728	0.439	0.3527	
15 minute winter	J39	32.017	J40	24.2	0.890	0.443	0.0995	
15 minute winter	J40	32.018	S10	25.0	1.117	0.251	0.2143	
15 minute winter	J41	48.002	J42	0.6	0.373	0.098	0.0097	
15 minute winter	J42	48.003	S21	1.1	0.560	0.179	0.0154	
15 minute winter	J43	48.005	J44	3.7	0.545	0.262	0.0109	
15 minute winter	J44	48.006	J45	4.1	0.583	0.305	0.0613	
15 minute winter	J45	48.007	S22	4.4	0.644	0.327	0.0164	
15 minute winter	J46	48.009	J47	7.0	0.401	0.227	0.0751	
15 minute winter	J47	48.010	S23	7.3	0.381	0.243	0.0508	
15 minute winter	J48	48.012	J49	9.9	0.513	0.331	0.1478	
15 minute winter	J49	48.013	J50	10.2	0.507	0.333	0.0234	

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J50	13	184.279	0.114	10.7	0.1285	0.0000	OK
15 minute winter	J51	13	184.265	0.117	11.1	0.1323	0.0000	OK
15 minute winter	J52	13	184.253	0.109	11.6	0.1232	0.0000	OK
15 minute winter	J53	13	184.230	0.103	12.0	0.1162	0.0000	OK
15 minute winter	J54	11	185.187	0.058	3.3	0.0654	0.0000	OK
15 minute winter	J55	11	185.146	0.052	3.7	0.0583	0.0000	OK
15 minute winter	J56	13	184.140	0.133	17.5	0.1499	0.0000	OK
15 minute winter	J57	13	184.118	0.133	17.9	0.1499	0.0000	OK
15 minute winter	BASIN 1	40	185.193	0.268	34.9	21.9066	0.0000	OK
15 minute winter	BASIN 2	255	184.501	0.201	2.0	18.4303	0.0000	OK
15 minute winter	BASIN 3	255	182.661	-0.439	31.3	21.8689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J50	48.014	J51	10.7	0.528	0.358	0.1038	
15 minute winter	J51	48.015	J52	11.1	0.557	0.361	0.0226	
15 minute winter	J52	48.016	J53	11.6	0.633	0.381	0.0894	
15 minute winter	J53	48.017	S24	11.9	0.739	0.395	0.1659	
15 minute winter	J54	65.002	J55	3.3	0.745	0.551	0.0159	
15 minute winter	J55	65.003	S24	3.6	0.927	0.479	0.0309	
15 minute winter	J56	48.019	J57	17.5	0.584	0.323	0.2725	
15 minute winter	J57	48.020	S25	17.9	0.621	0.328	0.1772	
15 minute winter	BASIN 1	1.023	S5	3.5	0.340	0.043	0.7417	
15 minute winter	BASIN 1	Infiltration		0.1				1.5
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 2	71.000	BH1	1.4	0.611	0.237	0.1829	
15 minute winter	BASIN 2	Infiltration		0.0				0.0
15 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	BASIN 4	66	183.392	0.062	22.1	17.5168	0.0000	OK
15 minute winter	SWALE 1	41	184.912	0.038	1.7	0.0541	0.0000	OK
15 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	13	184.117	0.122	28.3	0.1752	0.0000	OK
15 minute winter	BH1	255	184.501	0.424	1.4	2.0324	0.0000	OK
15 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute winter	BH3	61	183.393	0.073	3.4	1.9491	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	BASIN 4	48.022	BH3	3.4	0.783	0.063	0.0546	
15 minute winter	BASIN 4	Infiltration		0.0				0.0
15 minute winter	SWALE 1	1.025	S6	1.7	0.324	0.021	0.2130	
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute winter	SWALE 3	1.033	BASIN 3	28.0	0.915	0.224	1.3196	
15 minute winter	BH1	Infiltration		0.1				1.2
15 minute winter	BH2	Infiltration		0.0				0.0
15 minute winter	BH3	Infiltration		0.2				2.6

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	18	188.407	0.037	2.5	0.0539	0.0000	OK
30 minute summer	S2	19	187.157	0.118	14.8	0.2034	0.0000	OK
30 minute summer	S3	20	186.247	0.110	19.1	0.1462	0.0000	OK
30 minute summer	S4	20	185.476	0.098	34.2	0.1251	0.0000	OK
30 minute summer	S5	50	185.256	0.346	2.6	0.4947	0.0000	OK
30 minute summer	S6	53	184.847	0.039	1.9	0.0555	0.0000	OK
30 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	20	184.202	0.077	0.7	0.1100	0.0000	OK
30 minute summer	S10	20	184.202	0.089	28.4	0.1613	0.0000	OK
30 minute summer	S11	18	186.458	0.058	3.2	0.0905	0.0000	OK
30 minute summer	S12	19	186.267	0.091	7.4	0.1341	0.0000	OK
30 minute summer	S13	19	186.047	0.054	11.5	0.0814	0.0000	OK
30 minute summer	S14	19	185.274	0.099	15.4	0.1566	0.0000	OK
30 minute summer	S15	19	184.943	0.076	19.6	0.1198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S1	1.000	J1	2.5	0.631	0.286	0.0328	
30 minute summer	S2	1.012	J12	14.7	0.776	0.493	0.0284	
30 minute summer	S3	1.019	J18	19.1	1.015	0.359	0.0974	
30 minute summer	S4	1.022	BASIN 1	34.4	1.792	0.205	0.5656	
30 minute summer	S5	1.024	SWALE 1	1.9	0.341	0.023	0.1259	
30 minute summer	S6	1.026	BASIN 2	1.9	0.384	0.022	0.0292	
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0973	
30 minute summer	S9	1.031	S10	-0.7	-0.102	-0.008	0.1205	
30 minute summer	S10	1.032	SWALE 3	28.1	1.129	0.085	0.1119	
30 minute summer	S11	32.000	J28	3.2	0.683	0.536	0.0214	
30 minute summer	S12	32.003	J30	7.3	0.661	0.545	0.0564	
30 minute summer	S13	32.007	J33	11.5	1.622	0.118	0.0925	
30 minute summer	S14	32.009	J34	15.4	0.896	0.303	0.0899	
30 minute summer	S15	32.013	J37	19.6	1.753	0.212	0.1043	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	19	184.555	0.068	23.3	0.1032	0.0000	OK
30 minute summer	S17	18	186.209	0.059	3.5	0.0936	0.0000	OK
30 minute summer	S18	19	185.921	0.097	7.9	0.1431	0.0000	OK
30 minute summer	S19	19	185.875	0.109	12.0	0.1565	0.0000	OK
30 minute summer	S20	23	184.664	0.022	0.6	0.0252	0.0000	OK
30 minute summer	S21	19	184.466	0.056	3.4	0.0750	0.0000	OK
30 minute summer	S22	20	184.329	0.098	6.9	0.1270	0.0000	OK
30 minute summer	S23	20	184.312	0.114	9.9	0.1474	0.0000	OK
30 minute summer	S24	20	184.158	0.141	18.1	0.1851	0.0000	OK
30 minute summer	S25	20	184.098	0.128	20.3	0.1774	0.0000	OK
30 minute summer	S26	18	185.414	0.036	2.9	0.0538	0.0000	OK
30 minute summer	FC1	22	188.518	0.268	1.2	0.3456	0.0000	SURCHARGED
30 minute summer	FC2	22	188.418	0.268	1.2	0.3459	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S16	32.015	J38	23.3	1.028	0.073	0.0536	
30 minute summer	S17	23.001	J20	3.5	0.759	0.591	0.0330	
30 minute summer	S18	23.006	J24	7.9	0.501	0.246	0.0293	
30 minute summer	S19	23.010	J27	11.9	0.639	0.398	0.1664	
30 minute summer	S20	48.001	J41	0.6	0.478	0.101	0.0058	
30 minute summer	S21	48.004	J43	3.3	0.511	0.251	0.0339	
30 minute summer	S22	48.008	J46	6.9	0.432	0.218	0.0413	
30 minute summer	S23	48.011	J48	9.7	0.512	0.316	0.0221	
30 minute summer	S24	48.018	J56	18.0	0.571	0.337	0.1343	
30 minute summer	S25	48.021	BASIN 4	20.3	0.787	0.381	0.0994	
30 minute summer	S26	65.001	J54	2.9	0.833	0.283	0.0306	
30 minute summer	FC1	2.000	J1	0.5	0.404	0.081	0.0150	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	0.5	0.453	0.084	0.0071	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	22	188.579	0.379	1.6	0.5123	0.0000	SURCHARGED
30 minute summer	FC4	21	188.385	0.185	0.9	0.2314	0.0000	SURCHARGED
30 minute summer	FC5	22	188.268	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC6	21	188.035	0.185	0.9	0.2309	0.0000	SURCHARGED
30 minute summer	FC7	21	187.935	0.185	0.9	0.2316	0.0000	SURCHARGED
30 minute summer	FC8	22	188.016	0.266	1.2	0.3440	0.0000	SURCHARGED
30 minute summer	FC9	21	187.656	0.186	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC10	22	187.849	0.379	1.6	0.5120	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.6	0.499	0.097	0.0113	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.4	0.506	0.056	0.0060	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.5	0.451	0.085	0.0046	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.4	0.564	0.048	0.0054	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.4	0.489	0.058	0.0062	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.5	0.633	0.053	0.0033	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.4	0.431	0.070	0.0069	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.6	0.518	0.091	0.0073	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	22	187.588	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC12	22	187.498	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC13	22	187.268	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC14	29	186.946	0.045	1.2	0.5800	0.0000	OK
30 minute summer	FC15	21	187.384	0.184	0.9	0.2297	0.0000	SURCHARGED
30 minute summer	FC16	21	187.086	0.186	0.9	0.2321	0.0000	SURCHARGED
30 minute summer	FC17	21	187.184	0.184	0.9	0.2301	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.5	0.455	0.085	0.0086	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.5	0.454	0.085	0.0076	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.5	0.455	0.085	0.0076	
30 minute summer	FC13	Infiltration		0.0				0.0
30 minute summer	FC14	15.000	J13	0.2	0.340	0.031	0.0041	
30 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.4	0.912	0.024	0.0022	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.4	0.451	0.066	0.0070	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.4	0.714	0.034	0.0028	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	21	186.736	0.186	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC19	22	186.668	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC20	22	187.216	0.265	1.2	0.3427	0.0000	SURCHARGED
30 minute summer	FC21	22	186.568	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC22	26	186.492	0.042	0.9	0.4023	0.0000	OK
30 minute summer	FC23	21	186.484	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC24	22	186.566	0.266	1.2	0.3430	0.0000	SURCHARGED
30 minute summer	FC25	22	186.816	0.265	1.2	0.3428	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.4	0.429	0.070	0.0068	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.5	0.453	0.085	0.0073	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.5	0.913	0.032	0.0024	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.5	0.454	0.085	0.0085	
30 minute summer	FC21	Infiltration		0.0				0.0
30 minute summer	FC22	23.000	S17	0.2	0.418	0.012	0.0119	
30 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.4	0.757	0.031	0.0025	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.5	0.826	0.037	0.0029	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.5	0.906	0.032	0.0027	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC26	26	186.490	0.040	0.9	0.4056	0.0000	OK
30 minute summer	FC27	21	186.684	0.184	0.9	0.2297	0.0000	SURCHARGED
30 minute summer	FC28	22	186.766	0.265	1.2	0.3427	0.0000	SURCHARGED
30 minute summer	FC29	22	186.766	0.266	1.2	0.3428	0.0000	SURCHARGED
30 minute summer	FC30	22	187.016	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC31	21	186.634	0.184	0.9	0.2307	0.0000	SURCHARGED
30 minute summer	FC32	21	186.634	0.184	0.9	0.2300	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
30 minute summer	FC26	27.000	J23	0.2	0.581	0.013	0.0014	
30 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.4	1.061	0.020	0.0018	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.5	0.911	0.032	0.0024	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.5	0.887	0.033	0.0027	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.5	0.851	0.035	0.0026	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	0.4	0.345	0.046	0.0115	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	0.4	0.273	0.033	0.0121	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	22	186.716	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC34	22	186.718	0.268	1.2	0.3458	0.0000	SURCHARGED
30 minute summer	FC35	22	186.716	0.266	1.2	0.3429	0.0000	SURCHARGED
30 minute summer	FC36	22	186.716	0.266	1.2	0.3428	0.0000	SURCHARGED
30 minute summer	FC37	22	186.178	0.378	1.6	0.5106	0.0000	SURCHARGED
30 minute summer	FC38	26	185.485	0.035	0.9	0.4192	0.0000	OK
30 minute summer	FC39	21	185.634	0.184	0.9	0.2299	0.0000	SURCHARGED
30 minute summer	FC40	22	185.765	0.265	1.2	0.3425	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.5	0.832	0.036	0.0073	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.5	0.466	0.081	0.0051	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.5	0.843	0.036	0.0031	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.5	0.883	0.033	0.0029	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.6	0.636	0.068	0.0063	
30 minute summer	FC37	Infiltration		0.0				0.0
30 minute summer	FC38	40.000	J34	0.2	0.542	0.012	0.0014	
30 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.4	0.802	0.029	0.0023	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.5	1.037	0.027	0.0025	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	22	185.116	0.266	1.2	0.3437	0.0000	SURCHARGED
30 minute summer	FC42	22	184.867	0.267	1.2	0.3443	0.0000	SURCHARGED
30 minute summer	FC43	22	184.866	0.266	1.2	0.3437	0.0000	SURCHARGED
30 minute summer	FC44	18	184.620	0.020	0.9	0.0256	0.0000	OK
30 minute summer	FC45	21	184.784	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC46	22	185.080	0.380	1.6	0.5127	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	22	185.066	0.266	1.2	0.3429	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.5	0.678	0.048	0.0038	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.5	0.590	0.058	0.0042	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.5	0.671	0.049	0.0033	
30 minute summer	FC43	Infiltration		0.0				0.0
30 minute summer	FC44	46.000	J40	0.9	0.805	0.084	0.0049	
30 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.4	0.747	0.032	0.0026	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.6	0.470	0.102	0.0077	
30 minute summer	FC46	Infiltration		0.0				0.0
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0033	
30 minute summer	FC48	50.000	J42	0.5	0.576	0.036	0.0065	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	22	185.068	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC50	22	185.068	0.268	1.2	0.3461	0.0000	SURCHARGED
30 minute summer	FC51	22	185.118	0.268	1.2	0.3460	0.0000	SURCHARGED
30 minute summer	FC52	22	185.516	0.266	1.2	0.3438	0.0000	SURCHARGED
30 minute summer	FC53	22	185.517	0.267	1.2	0.3441	0.0000	SURCHARGED
30 minute summer	FC54	21	185.434	0.184	0.9	0.2304	0.0000	SURCHARGED
30 minute summer	FC55	21	185.434	0.184	0.9	0.2299	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.5	0.451	0.085	0.0049	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.5	0.452	0.085	0.0052	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.5	0.454	0.085	0.0068	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.5	0.660	0.050	0.0042	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.5	0.620	0.054	0.0035	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.4	0.651	0.039	0.0026	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.4	0.820	0.028	0.0021	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	21	185.534	0.184	0.9	0.2298	0.0000	SURCHARGED
30 minute summer	FC57	21	185.534	0.184	0.9	0.2299	0.0000	SURCHARGED
30 minute summer	FC58	21	185.534	0.184	0.9	0.2300	0.0000	SURCHARGED
30 minute summer	FC59	21	185.534	0.184	0.9	0.2302	0.0000	SURCHARGED
30 minute summer	FC60	22	185.616	0.266	1.2	0.3433	0.0000	SURCHARGED
30 minute summer	FC61	22	185.567	0.267	1.2	0.3443	0.0000	SURCHARGED
30 minute summer	FC62	22	185.628	0.378	1.6	0.5112	0.0000	SURCHARGED
30 minute summer	FC63	21	185.586	0.186	0.9	0.2322	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.4	0.845	0.027	0.0033	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.4	0.793	0.030	0.0034	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.4	0.763	0.031	0.0034	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.4	0.708	0.035	0.0038	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.5	0.741	0.043	0.0045	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.5	0.594	0.058	0.0063	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.6	0.577	0.079	0.0099	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	0.4	0.393	0.070	0.0041	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	21	185.342	0.192	0.9	0.2401	0.0000	SURCHARGED
30 minute summer	FC65	22	185.416	0.266	1.2	0.3438	0.0000	SURCHARGED
30 minute summer	FC66	22	185.268	0.267	1.2	0.3453	0.0000	SURCHARGED
30 minute summer	FC67	26	184.840	0.040	0.9	0.4086	0.0000	OK
30 minute summer	FC68	21	184.735	0.185	0.9	0.2310	0.0000	SURCHARGED
30 minute summer	J1	18	188.265	0.065	5.4	0.0957	0.0000	OK
30 minute summer	J2	19	188.138	0.082	5.8	0.0923	0.0000	OK
30 minute summer	J3	19	188.122	0.072	6.2	0.0816	0.0000	OK
30 minute summer	J4	19	188.090	0.051	6.6	0.0572	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	0.5	0.250	0.084	0.0080	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	0.5	0.330	0.052	0.0053	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.5	0.507	0.070	0.0021	
30 minute summer	FC66	Infiltration		0.0				0.0
30 minute summer	FC67	69.000	J56	0.2	0.324	0.029	0.0011	
30 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.4	0.565	0.046	0.0017	
30 minute summer	FC68	Infiltration		0.0				0.0
30 minute summer	J1	1.001	J2	5.4	1.058	0.648	0.0255	
30 minute summer	J2	1.002	J3	5.7	0.636	0.427	0.0094	
30 minute summer	J3	1.003	J4	6.3	0.926	0.472	0.0132	
30 minute summer	J4	1.004	J5	6.7	1.389	0.195	0.0170	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J5	19	187.955	0.045	7.1	0.0505	0.0000	OK
30 minute summer	J6	19	187.713	0.063	7.5	0.0716	0.0000	OK
30 minute summer	J7	19	187.599	0.074	7.9	0.0842	0.0000	OK
30 minute summer	J8	20	187.567	0.046	8.4	0.0523	0.0000	OK
30 minute summer	J9	20	187.353	0.078	8.7	0.0879	0.0000	OK
30 minute summer	J10	20	187.315	0.045	9.3	0.0512	0.0000	OK
30 minute summer	J11	20	187.184	0.063	9.8	0.0709	0.0000	OK
30 minute summer	J12	19	186.890	0.081	15.2	0.0911	0.0000	OK
30 minute summer	J13	19	186.753	0.125	15.3	0.1419	0.0000	OK
30 minute summer	J14	20	186.739	0.117	15.6	0.1323	0.0000	OK
30 minute summer	J15	20	186.721	0.103	15.9	0.1170	0.0000	OK
30 minute summer	J16	20	186.685	0.080	16.4	0.0905	0.0000	OK
30 minute summer	J17	20	186.341	0.058	16.9	0.0654	0.0000	OK
30 minute summer	J18	20	186.203	0.078	19.6	0.0883	0.0000	OK
30 minute summer	J19	20	186.154	0.127	20.1	0.1438	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J5	1.005	J6	7.1	1.247	0.186	0.0325	
30 minute summer	J6	1.006	J7	7.5	1.193	0.263	0.0123	
30 minute summer	J7	1.007	J8	8.0	0.935	0.260	0.0098	
30 minute summer	J8	1.008	J9	8.3	0.939	0.093	0.0762	
30 minute summer	J9	1.009	J10	8.7	0.993	0.261	0.0107	
30 minute summer	J10	1.010	J11	9.3	1.302	0.072	0.0180	
30 minute summer	J11	1.011	S2	9.7	0.676	0.151	0.0793	
30 minute summer	J12	1.013	J13	15.1	1.275	0.226	0.0769	
30 minute summer	J13	1.014	J14	15.2	0.572	0.269	0.0505	
30 minute summer	J14	1.015	J15	15.6	0.665	0.276	0.0450	
30 minute summer	J15	1.016	J16	16.0	0.878	0.300	0.0938	
30 minute summer	J16	1.017	J17	16.5	1.216	0.116	0.0455	
30 minute summer	J17	1.018	S3	16.9	1.051	0.054	0.0310	
30 minute summer	J18	1.020	J19	19.6	0.923	0.069	0.0320	
30 minute summer	J19	1.021	S4	20.1	0.787	0.365	0.1125	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J20	18	186.093	0.061	3.9	0.0695	0.0000	OK
30 minute summer	J21	19	186.071	0.062	4.2	0.0702	0.0000	OK
30 minute summer	J22	19	186.032	0.069	4.7	0.0780	0.0000	OK
30 minute summer	J23	20	186.008	0.066	4.9	0.0746	0.0000	OK
30 minute summer	J24	19	185.911	0.094	8.3	0.1064	0.0000	OK
30 minute summer	J25	19	185.897	0.100	8.7	0.1136	0.0000	OK
30 minute summer	J26	19	185.885	0.106	9.0	0.1197	0.0000	OK
30 minute summer	J27	20	185.843	0.106	12.4	0.1204	0.0000	OK
30 minute summer	J28	18	186.415	0.059	3.5	0.0663	0.0000	OK
30 minute summer	J29	19	186.335	0.064	3.9	0.0726	0.0000	OK
30 minute summer	J30	19	186.237	0.090	7.7	0.1021	0.0000	OK
30 minute summer	J31	19	186.129	0.085	8.2	0.0962	0.0000	OK
30 minute summer	J32	19	186.090	0.079	8.7	0.0892	0.0000	OK
30 minute summer	J33	19	185.587	0.052	12.1	0.0583	0.0000	OK
30 minute summer	J34	19	185.227	0.102	15.5	0.1150	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J20	23.002	J21	3.8	0.563	0.283	0.0258	
30 minute summer	J21	23.003	J22	4.3	0.583	0.319	0.0592	
30 minute summer	J22	23.004	J23	4.7	0.615	0.349	0.0276	
30 minute summer	J23	23.005	S18	4.8	0.674	0.360	0.0537	
30 minute summer	J24	23.007	J25	8.2	0.504	0.272	0.1015	
30 minute summer	J25	23.008	J26	8.6	0.483	0.283	0.0881	
30 minute summer	J26	23.009	S19	9.1	0.499	0.299	0.0691	
30 minute summer	J27	23.011	S4	12.4	0.737	0.414	0.0401	
30 minute summer	J28	32.001	J29	3.5	0.703	0.591	0.0441	
30 minute summer	J29	32.002	S12	3.9	0.767	0.652	0.0235	
30 minute summer	J30	32.004	J31	7.8	0.746	0.585	0.0517	
30 minute summer	J31	32.005	J32	8.2	0.628	0.273	0.1272	
30 minute summer	J32	32.006	S13	8.6	0.894	0.287	0.0524	
30 minute summer	J33	32.008	S14	12.1	1.038	0.116	0.1078	
30 minute summer	J34	32.010	J35	15.5	1.132	0.402	0.1241	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J35	19	185.143	0.068	15.9	0.0769	0.0000	OK
30 minute summer	J36	19	184.982	0.107	16.3	0.1208	0.0000	OK
30 minute summer	J37	19	184.610	0.110	20.0	0.1238	0.0000	OK
30 minute summer	J38	19	184.448	0.148	23.8	0.1671	0.0000	OK
30 minute summer	J39	19	184.408	0.134	24.1	0.1516	0.0000	OK
30 minute summer	J40	19	184.376	0.111	24.8	0.1255	0.0000	OK
30 minute summer	J41	24	184.619	0.022	0.6	0.0243	0.0000	OK
30 minute summer	J42	23	184.567	0.030	1.1	0.0341	0.0000	OK
30 minute summer	J43	19	184.444	0.064	3.8	0.0728	0.0000	OK
30 minute summer	J44	19	184.431	0.061	4.2	0.0688	0.0000	OK
30 minute summer	J45	20	184.387	0.067	4.5	0.0752	0.0000	OK
30 minute summer	J46	20	184.323	0.101	7.2	0.1147	0.0000	OK
30 minute summer	J47	20	184.318	0.111	7.5	0.1250	0.0000	OK
30 minute summer	J48	20	184.303	0.109	10.2	0.1237	0.0000	OK
30 minute summer	J49	20	184.290	0.121	10.6	0.1369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J35	32.011	J36	15.9	1.114	0.178	0.0984	
30 minute summer	J36	32.012	S15	16.3	1.084	0.543	0.0360	
30 minute summer	J37	32.014	S16	20.0	1.160	0.362	0.0911	
30 minute summer	J38	32.016	J39	23.7	0.729	0.438	0.3515	
30 minute summer	J39	32.017	J40	24.0	0.888	0.439	0.0989	
30 minute summer	J40	32.018	S10	24.7	1.115	0.248	0.2125	
30 minute summer	J41	48.002	J42	0.6	0.377	0.102	0.0100	
30 minute summer	J42	48.003	S21	1.1	0.566	0.187	0.0159	
30 minute summer	J43	48.005	J44	3.8	0.546	0.271	0.0112	
30 minute summer	J44	48.006	J45	4.2	0.587	0.311	0.0622	
30 minute summer	J45	48.007	S22	4.6	0.649	0.336	0.0167	
30 minute summer	J46	48.009	J47	7.1	0.398	0.232	0.0774	
30 minute summer	J47	48.010	S23	7.6	0.381	0.251	0.0523	
30 minute summer	J48	48.012	J49	10.2	0.510	0.340	0.1523	
30 minute summer	J49	48.013	J50	10.6	0.507	0.346	0.0240	

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.281	0.116	11.1	0.1309	0.0000	OK
30 minute summer	J51	21	184.267	0.119	11.4	0.1346	0.0000	OK
30 minute summer	J52	21	184.255	0.111	12.0	0.1256	0.0000	OK
30 minute summer	J53	21	184.232	0.105	12.4	0.1187	0.0000	OK
30 minute summer	J54	19	185.187	0.057	3.2	0.0650	0.0000	OK
30 minute summer	J55	19	185.146	0.052	3.7	0.0587	0.0000	OK
30 minute summer	J56	20	184.142	0.135	18.2	0.1531	0.0000	OK
30 minute summer	J57	20	184.120	0.135	18.5	0.1529	0.0000	OK
30 minute summer	BASIN 1	51	185.256	0.330	35.6	29.3530	0.0000	OK
30 minute summer	BASIN 2	270	184.542	0.242	2.2	22.4514	0.0000	OK
30 minute summer	BASIN 3	270	182.680	-0.420	31.8	28.7931	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	11.0	0.530	0.369	0.1061	
30 minute summer	J51	48.015	J52	11.4	0.561	0.371	0.0232	
30 minute summer	J52	48.016	J53	12.0	0.638	0.392	0.0917	
30 minute summer	J53	48.017	S24	12.4	0.747	0.411	0.1705	
30 minute summer	J54	65.002	J55	3.2	0.740	0.544	0.0159	
30 minute summer	J55	65.003	S24	3.7	0.928	0.482	0.0311	
30 minute summer	J56	48.019	J57	18.1	0.588	0.334	0.2800	
30 minute summer	J57	48.020	S25	18.5	0.626	0.339	0.1820	
30 minute summer	BASIN 1	1.023	S5	2.6	0.299	0.032	0.8929	
30 minute summer	BASIN 1	Infiltration		0.1				1.6
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 2	71.000	BH1	1.5	0.635	0.257	0.1829	
30 minute summer	BASIN 2	Infiltration		0.0				0.0
30 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	BASIN 4	77	183.414	0.084	23.3	23.7473	0.0000	OK
30 minute summer	SWALE 1	52	184.914	0.040	1.9	0.0570	0.0000	OK
30 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	20	184.118	0.123	28.1	0.1762	0.0000	OK
30 minute summer	BH1	270	184.542	0.465	1.5	2.1509	0.0000	OK
30 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute summer	BH3	79	183.414	0.095	4.5	2.0516	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	BASIN 4	48.022	BH3	4.5	0.832	0.084	0.0809	
30 minute summer	BASIN 4	Infiltration		0.0				0.0
30 minute summer	SWALE 1	1.025	S6	1.9	0.318	0.023	0.2301	
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute summer	SWALE 3	1.033	BASIN 3	28.0	0.914	0.224	1.3266	
30 minute summer	BH1	Infiltration		0.1				1.3
30 minute summer	BH2	Infiltration		0.0				0.0
30 minute summer	BH3	Infiltration		0.2				2.7

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	18	188.403	0.033	2.0	0.0480	0.0000	OK
30 minute winter	S2	19	187.148	0.109	12.8	0.1879	0.0000	OK
30 minute winter	S3	20	186.240	0.103	16.9	0.1368	0.0000	OK
30 minute winter	S4	20	185.468	0.090	30.1	0.1155	0.0000	OK
30 minute winter	S5	51	185.253	0.343	2.8	0.4905	0.0000	OK
30 minute winter	S6	53	184.847	0.039	1.9	0.0554	0.0000	OK
30 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	20	184.194	0.069	0.4	0.0991	0.0000	OK
30 minute winter	S10	20	184.194	0.081	24.4	0.1477	0.0000	OK
30 minute winter	S11	18	186.450	0.050	2.6	0.0792	0.0000	OK
30 minute winter	S12	19	186.258	0.082	6.2	0.1206	0.0000	OK
30 minute winter	S13	19	186.043	0.050	9.9	0.0751	0.0000	OK
30 minute winter	S14	19	185.266	0.091	13.2	0.1427	0.0000	OK
30 minute winter	S15	19	184.937	0.070	16.8	0.1099	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S1	1.000	J1	2.0	0.596	0.229	0.0278	
30 minute winter	S2	1.012	J12	12.8	0.743	0.427	0.0257	
30 minute winter	S3	1.019	J18	16.9	0.996	0.317	0.0876	
30 minute winter	S4	1.022	BASIN 1	30.2	1.733	0.180	0.5603	
30 minute winter	S5	1.024	SWALE 1	1.9	0.341	0.023	0.1255	
30 minute winter	S6	1.026	BASIN 2	1.9	0.383	0.022	0.0291	
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0838	
30 minute winter	S9	1.031	S10	-0.4	-0.119	-0.005	0.1051	
30 minute winter	S10	1.032	SWALE 3	24.4	1.088	0.074	0.0998	
30 minute winter	S11	32.000	J28	2.6	0.648	0.436	0.0183	
30 minute winter	S12	32.003	J30	6.2	0.635	0.465	0.0499	
30 minute winter	S13	32.007	J33	9.9	1.555	0.101	0.0829	
30 minute winter	S14	32.009	J34	13.2	0.863	0.260	0.0801	
30 minute winter	S15	32.013	J37	16.8	1.687	0.182	0.0930	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	19	184.548	0.061	20.0	0.0922	0.0000	OK
30 minute winter	S17	18	186.201	0.051	2.8	0.0815	0.0000	OK
30 minute winter	S18	19	185.911	0.087	6.7	0.1287	0.0000	OK
30 minute winter	S19	20	185.865	0.099	10.3	0.1426	0.0000	OK
30 minute winter	S20	24	184.664	0.022	0.6	0.0247	0.0000	OK
30 minute winter	S21	19	184.462	0.053	3.0	0.0698	0.0000	OK
30 minute winter	S22	20	184.322	0.091	6.2	0.1178	0.0000	OK
30 minute winter	S23	20	184.305	0.107	8.8	0.1379	0.0000	OK
30 minute winter	S24	21	184.150	0.133	16.4	0.1747	0.0000	OK
30 minute winter	S25	21	184.092	0.122	18.4	0.1686	0.0000	OK
30 minute winter	S26	18	185.410	0.033	2.4	0.0487	0.0000	OK
30 minute winter	FC1	23	188.493	0.243	0.9	0.3131	0.0000	SURCHARGED
30 minute winter	FC2	23	188.393	0.243	0.9	0.3136	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S16	32.015	J38	20.0	1.002	0.063	0.0473	
30 minute winter	S17	23.001	J20	2.8	0.722	0.474	0.0279	
30 minute winter	S18	23.006	J24	6.6	0.481	0.208	0.0255	
30 minute winter	S19	23.010	J27	10.2	0.612	0.341	0.1490	
30 minute winter	S20	48.001	J41	0.6	0.472	0.097	0.0057	
30 minute winter	S21	48.004	J43	3.0	0.495	0.223	0.0309	
30 minute winter	S22	48.008	J46	6.1	0.420	0.194	0.0374	
30 minute winter	S23	48.011	J48	8.8	0.496	0.284	0.0203	
30 minute winter	S24	48.018	J56	16.3	0.558	0.305	0.1247	
30 minute winter	S25	48.021	BASIN 4	18.5	0.765	0.346	0.0929	
30 minute winter	S26	65.001	J54	2.4	0.779	0.234	0.0269	
30 minute winter	FC1	2.000	J1	0.5	0.407	0.077	0.0130	
30 minute winter	FC1	Infiltration		0.0				0.0
30 minute winter	FC2	3.000	J2	0.5	0.447	0.080	0.0053	
30 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC3	23	188.551	0.351	1.3	0.4747	0.0000	SURCHARGED
30 minute winter	FC4	22	188.370	0.170	0.7	0.2125	0.0000	SURCHARGED
30 minute winter	FC5	23	188.243	0.243	0.9	0.3137	0.0000	SURCHARGED
30 minute winter	FC6	22	188.019	0.169	0.7	0.2119	0.0000	SURCHARGED
30 minute winter	FC7	22	187.920	0.170	0.7	0.2127	0.0000	SURCHARGED
30 minute winter	FC8	23	187.991	0.241	0.9	0.3113	0.0000	SURCHARGED
30 minute winter	FC9	22	187.641	0.171	0.7	0.2136	0.0000	SURCHARGED
30 minute winter	FC10	23	187.821	0.351	1.3	0.4744	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC3	4.000	J3	0.6	0.494	0.093	0.0110	
30 minute winter	FC3	Infiltration		0.0				0.0
30 minute winter	FC4	5.000	J4	0.4	0.499	0.053	0.0058	
30 minute winter	FC4	Infiltration		0.0				0.0
30 minute winter	FC5	6.000	J5	0.5	0.445	0.081	0.0045	
30 minute winter	FC5	Infiltration		0.0				0.0
30 minute winter	FC6	7.000	J6	0.4	0.556	0.046	0.0052	
30 minute winter	FC6	Infiltration		0.0				0.0
30 minute winter	FC7	8.000	J7	0.4	0.482	0.056	0.0060	
30 minute winter	FC7	Infiltration		0.0				0.0
30 minute winter	FC8	9.000	J8	0.5	0.625	0.050	0.0032	
30 minute winter	FC8	Infiltration		0.0				0.0
30 minute winter	FC9	10.000	J9	0.4	0.425	0.066	0.0067	
30 minute winter	FC9	Infiltration		0.0				0.0
30 minute winter	FC10	11.000	J10	0.6	0.512	0.088	0.0071	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC11	23	187.563	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC12	23	187.473	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC13	23	187.243	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC14	29	186.944	0.044	0.9	0.5648	0.0000	OK
30 minute winter	FC15	22	187.368	0.168	0.7	0.2105	0.0000	SURCHARGED
30 minute winter	FC16	22	187.071	0.170	0.7	0.2133	0.0000	SURCHARGED
30 minute winter	FC17	22	187.169	0.169	0.7	0.2109	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC10	Infiltration		0.0				0.0
30 minute winter	FC11	12.000	J11	0.5	0.448	0.081	0.0083	
30 minute winter	FC11	Infiltration		0.0				0.0
30 minute winter	FC12	13.000	S2	0.5	0.448	0.081	0.0074	
30 minute winter	FC12	Infiltration		0.0				0.0
30 minute winter	FC13	14.000	J12	0.5	0.449	0.081	0.0073	
30 minute winter	FC13	Infiltration		0.0				0.0
30 minute winter	FC14	15.000	J13	0.2	0.338	0.031	0.0040	
30 minute winter	FC14	Infiltration		0.0				0.0
30 minute winter	FC15	16.000	J14	0.4	0.899	0.023	0.0021	
30 minute winter	FC15	Infiltration		0.0				0.0
30 minute winter	FC16	17.000	J15	0.4	0.444	0.063	0.0068	
30 minute winter	FC16	Infiltration		0.0				0.0
30 minute winter	FC17	18.000	J16	0.4	0.704	0.033	0.0027	
30 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC18	22	186.721	0.171	0.7	0.2136	0.0000	SURCHARGED
30 minute winter	FC19	23	186.643	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC20	23	187.190	0.240	0.9	0.3098	0.0000	SURCHARGED
30 minute winter	FC21	23	186.543	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC22	27	186.491	0.041	0.7	0.3972	0.0000	OK
30 minute winter	FC23	22	186.469	0.168	0.7	0.2108	0.0000	SURCHARGED
30 minute winter	FC24	23	186.540	0.240	0.9	0.3101	0.0000	SURCHARGED
30 minute winter	FC25	23	186.790	0.240	0.9	0.3098	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC18	19.000	J17	0.4	0.423	0.067	0.0065	
30 minute winter	FC18	Infiltration		0.0				0.0
30 minute winter	FC19	20.000	S3	0.5	0.447	0.081	0.0071	
30 minute winter	FC19	Infiltration		0.0				0.0
30 minute winter	FC20	21.000	J18	0.5	0.899	0.030	0.0023	
30 minute winter	FC20	Infiltration		0.0				0.0
30 minute winter	FC21	22.000	J19	0.5	0.448	0.081	0.0082	
30 minute winter	FC21	Infiltration		0.0				0.0
30 minute winter	FC22	23.000	S17	0.2	0.420	0.011	0.0101	
30 minute winter	FC22	Infiltration		0.0				0.0
30 minute winter	FC23	24.000	J20	0.4	0.746	0.030	0.0025	
30 minute winter	FC23	Infiltration		0.0				0.0
30 minute winter	FC24	25.000	J21	0.5	0.813	0.035	0.0028	
30 minute winter	FC24	Infiltration		0.0				0.0
30 minute winter	FC25	26.000	J22	0.5	0.892	0.030	0.0026	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC26	27	186.490	0.040	0.7	0.4007	0.0000	OK
30 minute winter	FC27	22	186.668	0.168	0.7	0.2105	0.0000	SURCHARGED
30 minute winter	FC28	23	186.740	0.240	0.9	0.3098	0.0000	SURCHARGED
30 minute winter	FC29	23	186.740	0.240	0.9	0.3099	0.0000	SURCHARGED
30 minute winter	FC30	23	186.990	0.240	0.9	0.3100	0.0000	SURCHARGED
30 minute winter	FC31	22	186.619	0.169	0.7	0.2117	0.0000	SURCHARGED
30 minute winter	FC32	22	186.619	0.169	0.7	0.2108	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC25	Infiltration		0.0				0.0
30 minute winter	FC26	27.000	J23	0.2	0.580	0.013	0.0014	
30 minute winter	FC26	Infiltration		0.0				0.0
30 minute winter	FC27	28.000	J24	0.4	1.046	0.019	0.0017	
30 minute winter	FC27	Infiltration		0.0				0.0
30 minute winter	FC28	29.000	J25	0.5	0.897	0.030	0.0023	
30 minute winter	FC28	Infiltration		0.0				0.0
30 minute winter	FC29	30.000	J26	0.5	0.873	0.031	0.0026	
30 minute winter	FC29	Infiltration		0.0				0.0
30 minute winter	FC30	31.000	J27	0.5	0.838	0.033	0.0025	
30 minute winter	FC30	Infiltration		0.0				0.0
30 minute winter	FC31	33.000	J28	0.4	0.361	0.044	0.0101	
30 minute winter	FC31	Infiltration		0.0				0.0
30 minute winter	FC32	34.000	J29	0.4	0.279	0.032	0.0107	
30 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC33	23	186.690	0.240	0.9	0.3100	0.0000	SURCHARGED
30 minute winter	FC34	23	186.693	0.243	0.9	0.3134	0.0000	SURCHARGED
30 minute winter	FC35	23	186.690	0.240	0.9	0.3100	0.0000	SURCHARGED
30 minute winter	FC36	23	186.690	0.240	0.9	0.3099	0.0000	SURCHARGED
30 minute winter	FC37	23	186.150	0.350	1.3	0.4728	0.0000	SURCHARGED
30 minute winter	FC38	27	185.485	0.035	0.7	0.4157	0.0000	OK
30 minute winter	FC39	22	185.618	0.168	0.7	0.2106	0.0000	SURCHARGED
30 minute winter	FC40	23	185.740	0.240	0.9	0.3095	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC33	35.000	S12	0.5	0.822	0.034	0.0055	
30 minute winter	FC33	Infiltration		0.0				0.0
30 minute winter	FC34	36.000	J30	0.5	0.459	0.077	0.0050	
30 minute winter	FC34	Infiltration		0.0				0.0
30 minute winter	FC35	37.000	J31	0.5	0.830	0.034	0.0030	
30 minute winter	FC35	Infiltration		0.0				0.0
30 minute winter	FC36	38.000	J32	0.5	0.869	0.032	0.0028	
30 minute winter	FC36	Infiltration		0.0				0.0
30 minute winter	FC37	39.000	J33	0.6	0.629	0.066	0.0061	
30 minute winter	FC37	Infiltration		0.0				0.0
30 minute winter	FC38	40.000	J34	0.2	0.541	0.012	0.0014	
30 minute winter	FC38	Infiltration		0.0				0.0
30 minute winter	FC39	41.000	J35	0.4	0.791	0.028	0.0022	
30 minute winter	FC39	Infiltration		0.0				0.0
30 minute winter	FC40	42.000	J36	0.5	1.021	0.025	0.0024	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC41	23	185.091	0.241	0.9	0.3109	0.0000	SURCHARGED
30 minute winter	FC42	23	184.841	0.241	0.9	0.3117	0.0000	SURCHARGED
30 minute winter	FC43	23	184.841	0.241	0.9	0.3110	0.0000	SURCHARGED
30 minute winter	FC44	19	184.618	0.018	0.7	0.0225	0.0000	OK
30 minute winter	FC45	22	184.769	0.169	0.7	0.2108	0.0000	SURCHARGED
30 minute winter	FC46	23	185.052	0.352	1.3	0.4751	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	23	185.040	0.240	0.9	0.3100	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC40	Infiltration		0.0				0.0
30 minute winter	FC41	43.000	J37	0.5	0.668	0.046	0.0036	
30 minute winter	FC41	Infiltration		0.0				0.0
30 minute winter	FC42	44.000	J38	0.5	0.582	0.056	0.0041	
30 minute winter	FC42	Infiltration		0.0				0.0
30 minute winter	FC43	45.000	J39	0.5	0.661	0.046	0.0032	
30 minute winter	FC43	Infiltration		0.0				0.0
30 minute winter	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
30 minute winter	FC44	Infiltration		0.0				0.0
30 minute winter	FC45	47.000	S10	0.4	0.736	0.031	0.0025	
30 minute winter	FC45	Infiltration		0.0				0.0
30 minute winter	FC46	48.000	S20	0.6	0.464	0.098	0.0075	
30 minute winter	FC46	Infiltration		0.0				0.0
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
30 minute winter	FC48	50.000	J42	0.5	0.628	0.035	0.0062	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC49	23	185.043	0.243	0.9	0.3137	0.0000	SURCHARGED
30 minute winter	FC50	23	185.043	0.243	0.9	0.3137	0.0000	SURCHARGED
30 minute winter	FC51	23	185.093	0.243	0.9	0.3136	0.0000	SURCHARGED
30 minute winter	FC52	23	185.491	0.241	0.9	0.3111	0.0000	SURCHARGED
30 minute winter	FC53	23	185.491	0.241	0.9	0.3114	0.0000	SURCHARGED
30 minute winter	FC54	22	185.419	0.169	0.7	0.2113	0.0000	SURCHARGED
30 minute winter	FC55	22	185.418	0.168	0.7	0.2106	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC48	Infiltration		0.0				0.0
30 minute winter	FC49	51.000	S21	0.5	0.445	0.081	0.0047	
30 minute winter	FC49	Infiltration		0.0				0.0
30 minute winter	FC50	52.000	J43	0.5	0.445	0.081	0.0050	
30 minute winter	FC50	Infiltration		0.0				0.0
30 minute winter	FC51	55.000	S22	0.5	0.447	0.081	0.0066	
30 minute winter	FC51	Infiltration		0.0				0.0
30 minute winter	FC52	58.000	S23	0.5	0.650	0.048	0.0040	
30 minute winter	FC52	Infiltration		0.0				0.0
30 minute winter	FC53	61.000	J50	0.5	0.611	0.052	0.0034	
30 minute winter	FC53	Infiltration		0.0				0.0
30 minute winter	FC54	62.000	J51	0.4	0.642	0.037	0.0025	
30 minute winter	FC54	Infiltration		0.0				0.0
30 minute winter	FC55	64.000	J53	0.4	0.809	0.027	0.0021	
30 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC56	22	185.518	0.168	0.7	0.2105	0.0000	SURCHARGED
30 minute winter	FC57	22	185.518	0.168	0.7	0.2107	0.0000	SURCHARGED
30 minute winter	FC58	22	185.519	0.168	0.7	0.2108	0.0000	SURCHARGED
30 minute winter	FC59	22	185.519	0.169	0.7	0.2110	0.0000	SURCHARGED
30 minute winter	FC60	23	185.591	0.241	0.9	0.3105	0.0000	SURCHARGED
30 minute winter	FC61	23	185.541	0.241	0.9	0.3116	0.0000	SURCHARGED
30 minute winter	FC62	23	185.600	0.350	1.3	0.4735	0.0000	SURCHARGED
30 minute winter	FC63	22	185.571	0.171	0.7	0.2134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC56	53.000	J44	0.4	0.834	0.026	0.0032	
30 minute winter	FC56	Infiltration		0.0				0.0
30 minute winter	FC57	54.000	J45	0.4	0.782	0.028	0.0033	
30 minute winter	FC57	Infiltration		0.0				0.0
30 minute winter	FC58	56.000	J46	0.4	0.752	0.030	0.0033	
30 minute winter	FC58	Infiltration		0.0				0.0
30 minute winter	FC59	57.000	J47	0.4	0.698	0.033	0.0037	
30 minute winter	FC59	Infiltration		0.0				0.0
30 minute winter	FC60	59.000	J48	0.5	0.730	0.041	0.0044	
30 minute winter	FC60	Infiltration		0.0				0.0
30 minute winter	FC61	60.000	J49	0.5	0.585	0.056	0.0061	
30 minute winter	FC61	Infiltration		0.0				0.0
30 minute winter	FC62	63.000	J52	0.6	0.570	0.076	0.0096	
30 minute winter	FC62	Infiltration		0.0				0.0
30 minute winter	FC63	65.000	S26	0.4	0.406	0.067	0.0037	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC64	22	185.326	0.176	0.7	0.2205	0.0000	SURCHARGED
30 minute winter	FC65	23	185.391	0.241	0.9	0.3111	0.0000	SURCHARGED
30 minute winter	FC66	23	185.242	0.242	0.9	0.3128	0.0000	SURCHARGED
30 minute winter	FC67	27	184.839	0.039	0.7	0.4039	0.0000	OK
30 minute winter	FC68	22	184.719	0.169	0.7	0.2120	0.0000	SURCHARGED
30 minute winter	J1	18	188.257	0.057	4.4	0.0831	0.0000	OK
30 minute winter	J2	19	188.129	0.073	4.8	0.0830	0.0000	OK
30 minute winter	J3	19	188.115	0.065	5.3	0.0740	0.0000	OK
30 minute winter	J4	19	188.085	0.046	5.6	0.0519	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC63	Infiltration		0.0				0.0
30 minute winter	FC64	66.000	J54	0.5	0.259	0.076	0.0068	
30 minute winter	FC64	Infiltration		0.0				0.0
30 minute winter	FC65	67.000	J55	0.5	0.327	0.050	0.0048	
30 minute winter	FC65	Infiltration		0.0				0.0
30 minute winter	FC66	68.000	S24	0.5	0.500	0.067	0.0020	
30 minute winter	FC66	Infiltration		0.0				0.0
30 minute winter	FC67	69.000	J56	0.2	0.323	0.028	0.0011	
30 minute winter	FC67	Infiltration		0.0				0.0
30 minute winter	FC68	70.000	J57	0.4	0.557	0.044	0.0016	
30 minute winter	FC68	Infiltration		0.0				0.0
30 minute winter	J1	1.001	J2	4.4	1.013	0.527	0.0217	
30 minute winter	J2	1.002	J3	4.7	0.599	0.353	0.0083	
30 minute winter	J3	1.003	J4	5.3	0.886	0.396	0.0116	
30 minute winter	J4	1.004	J5	5.6	1.335	0.165	0.0149	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J5	19	187.951	0.041	6.0	0.0461	0.0000	OK
30 minute winter	J6	19	187.708	0.058	6.4	0.0651	0.0000	OK
30 minute winter	J7	20	187.594	0.069	6.8	0.0780	0.0000	OK
30 minute winter	J8	20	187.564	0.043	7.1	0.0488	0.0000	OK
30 minute winter	J9	20	187.347	0.072	7.6	0.0818	0.0000	OK
30 minute winter	J10	20	187.312	0.042	8.1	0.0474	0.0000	OK
30 minute winter	J11	21	187.179	0.058	8.6	0.0653	0.0000	OK
30 minute winter	J12	20	186.883	0.074	13.2	0.0842	0.0000	OK
30 minute winter	J13	20	186.744	0.117	13.3	0.1324	0.0000	OK
30 minute winter	J14	20	186.732	0.110	13.7	0.1239	0.0000	OK
30 minute winter	J15	20	186.714	0.097	14.1	0.1097	0.0000	OK
30 minute winter	J16	20	186.680	0.075	14.5	0.0844	0.0000	OK
30 minute winter	J17	20	186.336	0.053	14.9	0.0600	0.0000	OK
30 minute winter	J18	20	186.196	0.071	17.3	0.0806	0.0000	OK
30 minute winter	J19	20	186.146	0.119	17.8	0.1346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J5	1.005	J6	6.0	1.203	0.158	0.0286	
30 minute winter	J6	1.006	J7	6.4	1.149	0.224	0.0109	
30 minute winter	J7	1.007	J8	6.6	0.877	0.215	0.0088	
30 minute winter	J8	1.008	J9	7.2	0.899	0.081	0.0690	
30 minute winter	J9	1.009	J10	7.6	0.960	0.227	0.0097	
30 minute winter	J10	1.010	J11	8.1	1.269	0.063	0.0160	
30 minute winter	J11	1.011	S2	8.5	0.657	0.133	0.0720	
30 minute winter	J12	1.013	J13	13.2	1.233	0.197	0.0692	
30 minute winter	J13	1.014	J14	13.3	0.549	0.236	0.0462	
30 minute winter	J14	1.015	J15	13.7	0.640	0.244	0.0411	
30 minute winter	J15	1.016	J16	14.1	0.850	0.265	0.0854	
30 minute winter	J16	1.017	J17	14.5	1.177	0.102	0.0414	
30 minute winter	J17	1.018	S3	14.8	1.026	0.048	0.0281	
30 minute winter	J18	1.020	J19	17.3	0.905	0.061	0.0289	
30 minute winter	J19	1.021	S4	17.8	0.759	0.322	0.1029	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J20	19	186.086	0.055	3.1	0.0622	0.0000	OK
30 minute winter	J21	19	186.065	0.056	3.6	0.0632	0.0000	OK
30 minute winter	J22	20	186.026	0.063	4.0	0.0707	0.0000	OK
30 minute winter	J23	20	186.003	0.060	4.1	0.0684	0.0000	OK
30 minute winter	J24	19	185.902	0.085	7.0	0.0957	0.0000	OK
30 minute winter	J25	20	185.887	0.091	7.4	0.1031	0.0000	OK
30 minute winter	J26	20	185.876	0.097	7.8	0.1092	0.0000	OK
30 minute winter	J27	20	185.834	0.098	10.7	0.1113	0.0000	OK
30 minute winter	J28	18	186.408	0.052	2.9	0.0587	0.0000	OK
30 minute winter	J29	19	186.328	0.057	3.3	0.0650	0.0000	OK
30 minute winter	J30	19	186.229	0.082	6.6	0.0926	0.0000	OK
30 minute winter	J31	19	186.122	0.078	7.0	0.0884	0.0000	OK
30 minute winter	J32	20	186.084	0.073	7.5	0.0829	0.0000	OK
30 minute winter	J33	19	185.583	0.048	10.4	0.0542	0.0000	OK
30 minute winter	J34	19	185.219	0.094	13.3	0.1059	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J20	23.002	J21	3.1	0.535	0.233	0.0223	
30 minute winter	J21	23.003	J22	3.6	0.556	0.267	0.0516	
30 minute winter	J22	23.004	J23	4.0	0.590	0.295	0.0244	
30 minute winter	J23	23.005	S18	4.1	0.648	0.310	0.0479	
30 minute winter	J24	23.007	J25	7.0	0.488	0.231	0.0887	
30 minute winter	J25	23.008	J26	7.4	0.472	0.245	0.0778	
30 minute winter	J26	23.009	S19	7.9	0.483	0.257	0.0613	
30 minute winter	J27	23.011	S4	10.7	0.707	0.358	0.0362	
30 minute winter	J28	32.001	J29	2.9	0.671	0.492	0.0386	
30 minute winter	J29	32.002	S12	3.3	0.739	0.552	0.0206	
30 minute winter	J30	32.004	J31	6.6	0.713	0.499	0.0462	
30 minute winter	J31	32.005	J32	7.0	0.600	0.234	0.1140	
30 minute winter	J32	32.006	S13	7.5	0.854	0.249	0.0470	
30 minute winter	J33	32.008	S14	10.4	1.010	0.100	0.0958	
30 minute winter	J34	32.010	J35	13.3	1.092	0.344	0.1104	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J35	19	185.137	0.062	13.6	0.0701	0.0000	OK
30 minute winter	J36	19	184.973	0.098	14.1	0.1113	0.0000	OK
30 minute winter	J37	19	184.601	0.101	17.2	0.1145	0.0000	OK
30 minute winter	J38	19	184.435	0.135	20.4	0.1532	0.0000	OK
30 minute winter	J39	20	184.397	0.123	20.8	0.1396	0.0000	OK
30 minute winter	J40	20	184.367	0.102	21.4	0.1158	0.0000	OK
30 minute winter	J41	25	184.618	0.021	0.6	0.0239	0.0000	OK
30 minute winter	J42	25	184.567	0.029	1.1	0.0333	0.0000	OK
30 minute winter	J43	19	184.440	0.060	3.4	0.0680	0.0000	OK
30 minute winter	J44	20	184.427	0.057	3.7	0.0648	0.0000	OK
30 minute winter	J45	20	184.383	0.063	4.1	0.0712	0.0000	OK
30 minute winter	J46	20	184.316	0.094	6.5	0.1064	0.0000	OK
30 minute winter	J47	20	184.310	0.103	6.8	0.1167	0.0000	OK
30 minute winter	J48	20	184.296	0.102	9.2	0.1155	0.0000	OK
30 minute winter	J49	21	184.283	0.114	9.6	0.1291	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J35	32.011	J36	13.6	1.074	0.153	0.0878	
30 minute winter	J36	32.012	S15	14.1	1.043	0.469	0.0322	
30 minute winter	J37	32.014	S16	17.2	1.131	0.312	0.0804	
30 minute winter	J38	32.016	J39	20.4	0.701	0.377	0.3144	
30 minute winter	J39	32.017	J40	20.8	0.857	0.380	0.0887	
30 minute winter	J40	32.018	S10	21.5	1.075	0.216	0.1912	
30 minute winter	J41	48.002	J42	0.6	0.373	0.098	0.0097	
30 minute winter	J42	48.003	S21	1.1	0.560	0.179	0.0154	
30 minute winter	J43	48.005	J44	3.4	0.531	0.242	0.0103	
30 minute winter	J44	48.006	J45	3.8	0.571	0.282	0.0578	
30 minute winter	J45	48.007	S22	4.1	0.633	0.305	0.0156	
30 minute winter	J46	48.009	J47	6.5	0.392	0.209	0.0705	
30 minute winter	J47	48.010	S23	6.8	0.376	0.226	0.0480	
30 minute winter	J48	48.012	J49	9.2	0.495	0.307	0.1404	
30 minute winter	J49	48.013	J50	9.6	0.493	0.313	0.0223	

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J50	21	184.274	0.109	10.0	0.1237	0.0000	OK
30 minute winter	J51	21	184.261	0.113	10.4	0.1279	0.0000	OK
30 minute winter	J52	21	184.249	0.105	11.0	0.1192	0.0000	OK
30 minute winter	J53	21	184.227	0.100	11.4	0.1128	0.0000	OK
30 minute winter	J54	19	185.181	0.052	2.7	0.0587	0.0000	OK
30 minute winter	J55	19	185.141	0.047	3.2	0.0535	0.0000	OK
30 minute winter	J56	21	184.135	0.128	16.5	0.1448	0.0000	OK
30 minute winter	J57	21	184.113	0.128	16.9	0.1451	0.0000	OK
30 minute winter	BASIN 1	50	185.253	0.328	31.3	29.0071	0.0000	OK
30 minute winter	BASIN 2	270	184.541	0.240	2.2	22.2809	0.0000	OK
30 minute winter	BASIN 3	270	182.680	-0.420	27.8	28.5526	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J50	48.014	J51	10.0	0.516	0.336	0.0992	
30 minute winter	J51	48.015	J52	10.4	0.546	0.340	0.0217	
30 minute winter	J52	48.016	J53	11.0	0.623	0.360	0.0858	
30 minute winter	J53	48.017	S24	11.3	0.728	0.376	0.1598	
30 minute winter	J54	65.002	J55	2.7	0.708	0.461	0.0141	
30 minute winter	J55	65.003	S24	3.1	0.894	0.414	0.0277	
30 minute winter	J56	48.019	J57	16.5	0.575	0.304	0.2609	
30 minute winter	J57	48.020	S25	16.9	0.609	0.310	0.1701	
30 minute winter	BASIN 1	1.023	S5	2.8	0.293	0.033	0.8872	
30 minute winter	BASIN 1	Infiltration		0.1				1.6
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 2	71.000	BH1	1.5	0.635	0.259	0.1829	
30 minute winter	BASIN 2	Infiltration		0.0				0.0
30 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	BASIN 4	79	183.413	0.083	21.1	23.4297	0.0000	OK
30 minute winter	SWALE 1	51	184.914	0.040	1.9	0.0569	0.0000	OK
30 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.109	0.114	24.4	0.1631	0.0000	OK
30 minute winter	BH1	270	184.540	0.463	1.5	2.1460	0.0000	OK
30 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute winter	BH3	77	183.413	0.094	4.5	2.0465	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	BASIN 4	48.022	BH3	4.5	0.823	0.083	0.0795	
30 minute winter	BASIN 4	Infiltration		0.0				0.0
30 minute winter	SWALE 1	1.025	S6	1.9	0.318	0.023	0.2294	
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute winter	SWALE 3	1.033	BASIN 3	24.3	0.880	0.194	1.1936	
30 minute winter	BH1	Infiltration		0.1				1.3
30 minute winter	BH2	Infiltration		0.0				0.0
30 minute winter	BH3	Infiltration		0.2				2.7

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	33	188.402	0.032	1.9	0.0467	0.0000	OK
60 minute summer	S2	34	187.145	0.106	12.2	0.1832	0.0000	OK
60 minute summer	S3	35	186.238	0.101	16.2	0.1337	0.0000	OK
60 minute summer	S4	34	185.462	0.084	28.6	0.1080	0.0000	OK
60 minute summer	S5	71	185.313	0.403	2.3	0.5763	0.0000	SURCHARGED
60 minute summer	S6	74	184.848	0.040	2.1	0.0578	0.0000	OK
60 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	35	184.191	0.066	0.4	0.0942	0.0000	OK
60 minute summer	S10	35	184.191	0.078	22.8	0.1414	0.0000	OK
60 minute summer	S11	33	186.448	0.048	2.4	0.0754	0.0000	OK
60 minute summer	S12	34	186.254	0.078	5.8	0.1153	0.0000	OK
60 minute summer	S13	34	186.042	0.048	9.3	0.0725	0.0000	OK
60 minute summer	S14	34	185.262	0.087	12.3	0.1371	0.0000	OK
60 minute summer	S15	34	184.934	0.067	15.7	0.1058	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S1	1.000	J1	1.9	0.589	0.218	0.0268	
60 minute summer	S2	1.012	J12	12.2	0.732	0.407	0.0249	
60 minute summer	S3	1.019	J18	16.2	0.990	0.304	0.0844	
60 minute summer	S4	1.022	BASIN 1	28.7	1.567	0.171	0.6429	
60 minute summer	S5	1.024	SWALE 1	2.1	0.321	0.025	0.1336	
60 minute summer	S6	1.026	BASIN 2	2.1	0.389	0.024	0.0312	
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0778	
60 minute summer	S9	1.031	S10	-0.4	-0.067	-0.004	0.0983	
60 minute summer	S10	1.032	SWALE 3	22.8	1.070	0.069	0.0943	
60 minute summer	S11	32.000	J28	2.4	0.635	0.403	0.0172	
60 minute summer	S12	32.003	J30	5.8	0.625	0.434	0.0473	
60 minute summer	S13	32.007	J33	9.3	1.525	0.095	0.0790	
60 minute summer	S14	32.009	J34	12.3	0.848	0.243	0.0761	
60 minute summer	S15	32.013	J37	15.7	1.657	0.170	0.0884	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	34	184.545	0.058	18.7	0.0877	0.0000	OK
60 minute summer	S17	33	186.199	0.049	2.6	0.0783	0.0000	OK
60 minute summer	S18	34	185.908	0.084	6.3	0.1243	0.0000	OK
60 minute summer	S19	35	185.862	0.096	9.7	0.1377	0.0000	OK
60 minute summer	S20	39	184.664	0.022	0.6	0.0243	0.0000	OK
60 minute summer	S21	34	184.460	0.051	2.9	0.0679	0.0000	OK
60 minute summer	S22	35	184.319	0.088	5.8	0.1136	0.0000	OK
60 minute summer	S23	35	184.302	0.104	8.4	0.1335	0.0000	OK
60 minute summer	S24	36	184.146	0.129	15.6	0.1700	0.0000	OK
60 minute summer	S25	36	184.089	0.119	17.6	0.1645	0.0000	OK
60 minute summer	S26	33	185.409	0.032	2.3	0.0476	0.0000	OK
60 minute summer	FC1	38	188.474	0.224	0.9	0.2888	0.0000	SURCHARGED
60 minute summer	FC2	38	188.374	0.224	0.9	0.2894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S16	32.015	J38	18.6	0.991	0.059	0.0447	
60 minute summer	S17	23.001	J20	2.6	0.711	0.444	0.0265	
60 minute summer	S18	23.006	J24	6.3	0.476	0.196	0.0243	
60 minute summer	S19	23.010	J27	9.6	0.603	0.321	0.1427	
60 minute summer	S20	48.001	J41	0.6	0.469	0.095	0.0056	
60 minute summer	S21	48.004	J43	2.8	0.488	0.213	0.0297	
60 minute summer	S22	48.008	J46	5.8	0.416	0.185	0.0356	
60 minute summer	S23	48.011	J48	8.3	0.488	0.270	0.0194	
60 minute summer	S24	48.018	J56	15.6	0.552	0.291	0.1203	
60 minute summer	S25	48.021	BASIN 4	17.6	0.756	0.331	0.0899	
60 minute summer	S26	65.001	J54	2.3	0.769	0.224	0.0261	
60 minute summer	FC1	2.000	J1	0.5	0.325	0.074	0.0125	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	0.5	0.441	0.077	0.0050	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	38	188.534	0.334	1.2	0.4509	0.0000	SURCHARGED
60 minute summer	FC4	37	188.364	0.164	0.7	0.2057	0.0000	SURCHARGED
60 minute summer	FC5	38	188.224	0.224	0.9	0.2895	0.0000	SURCHARGED
60 minute summer	FC6	37	188.014	0.164	0.7	0.2051	0.0000	SURCHARGED
60 minute summer	FC7	37	187.915	0.165	0.7	0.2059	0.0000	SURCHARGED
60 minute summer	FC8	38	187.972	0.222	0.9	0.2869	0.0000	SURCHARGED
60 minute summer	FC9	37	187.635	0.165	0.7	0.2068	0.0000	SURCHARGED
60 minute summer	FC10	38	187.804	0.333	1.2	0.4505	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.6	0.490	0.091	0.0108	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.4	0.496	0.052	0.0058	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.5	0.439	0.077	0.0043	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.4	0.553	0.045	0.0052	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.4	0.480	0.055	0.0059	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.5	0.617	0.048	0.0031	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.4	0.423	0.065	0.0066	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.6	0.509	0.085	0.0069	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	38	187.544	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC12	38	187.454	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC13	38	187.224	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC14	46	186.948	0.048	0.9	0.6074	0.0000	OK
60 minute summer	FC15	37	187.363	0.163	0.7	0.2037	0.0000	SURCHARGED
60 minute summer	FC16	37	187.065	0.165	0.7	0.2065	0.0000	SURCHARGED
60 minute summer	FC17	37	187.163	0.163	0.7	0.2041	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.5	0.442	0.078	0.0080	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	0.5	0.442	0.077	0.0071	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.5	0.443	0.077	0.0071	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.2	0.343	0.032	0.0042	
60 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.4	0.895	0.023	0.0021	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.4	0.442	0.061	0.0067	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.4	0.700	0.032	0.0027	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	37	186.715	0.165	0.7	0.2069	0.0000	SURCHARGED
60 minute summer	FC19	38	186.624	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC20	38	187.171	0.221	0.9	0.2853	0.0000	SURCHARGED
60 minute summer	FC21	38	186.524	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC22	43	186.495	0.045	0.7	0.4340	0.0000	OK
60 minute summer	FC23	37	186.463	0.163	0.7	0.2040	0.0000	SURCHARGED
60 minute summer	FC24	38	186.521	0.221	0.9	0.2856	0.0000	SURCHARGED
60 minute summer	FC25	38	186.771	0.221	0.9	0.2853	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.4	0.421	0.066	0.0065	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.5	0.441	0.078	0.0069	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.5	0.887	0.029	0.0023	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.5	0.442	0.078	0.0079	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	0.2	0.412	0.012	0.0097	
60 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.4	0.742	0.029	0.0024	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.5	0.802	0.033	0.0027	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.5	0.881	0.029	0.0025	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	43	186.494	0.044	0.7	0.4391	0.0000	OK
60 minute summer	FC27	37	186.663	0.163	0.7	0.2037	0.0000	SURCHARGED
60 minute summer	FC28	38	186.721	0.221	0.9	0.2853	0.0000	SURCHARGED
60 minute summer	FC29	38	186.721	0.221	0.9	0.2854	0.0000	SURCHARGED
60 minute summer	FC30	38	186.971	0.221	0.9	0.2855	0.0000	SURCHARGED
60 minute summer	FC31	37	186.614	0.164	0.7	0.2049	0.0000	SURCHARGED
60 minute summer	FC32	37	186.613	0.163	0.7	0.2040	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.2	0.591	0.014	0.0014	
60 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.4	1.041	0.018	0.0017	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.5	0.886	0.029	0.0023	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.5	0.862	0.030	0.0025	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.5	0.827	0.032	0.0025	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	0.4	0.302	0.043	0.0096	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	0.4	0.255	0.031	0.0103	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	38	186.671	0.221	0.9	0.2855	0.0000	SURCHARGED
60 minute summer	FC34	38	186.674	0.224	0.9	0.2892	0.0000	SURCHARGED
60 minute summer	FC35	38	186.671	0.221	0.9	0.2855	0.0000	SURCHARGED
60 minute summer	FC36	38	186.671	0.221	0.9	0.2854	0.0000	SURCHARGED
60 minute summer	FC37	38	186.132	0.332	1.2	0.4487	0.0000	SURCHARGED
60 minute summer	FC38	43	185.488	0.038	0.7	0.4599	0.0000	OK
60 minute summer	FC39	37	185.613	0.163	0.7	0.2039	0.0000	SURCHARGED
60 minute summer	FC40	38	185.721	0.221	0.9	0.2851	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	0.5	0.813	0.033	0.0048	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.5	0.454	0.074	0.0048	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.5	0.819	0.032	0.0029	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.5	0.858	0.030	0.0027	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.6	0.624	0.064	0.0060	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute summer	FC38	40.000	J34	0.2	0.553	0.013	0.0014	
60 minute summer	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.4	0.787	0.027	0.0022	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.5	1.008	0.024	0.0023	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	38	185.072	0.222	0.9	0.2865	0.0000	SURCHARGED
60 minute summer	FC42	38	184.823	0.223	0.9	0.2873	0.0000	SURCHARGED
60 minute summer	FC43	38	184.822	0.222	0.9	0.2865	0.0000	SURCHARGED
60 minute summer	FC44	33	184.618	0.018	0.7	0.0225	0.0000	OK
60 minute summer	FC45	37	184.763	0.163	0.7	0.2040	0.0000	SURCHARGED
60 minute summer	FC46	38	185.034	0.334	1.2	0.4514	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	38	185.021	0.221	0.9	0.2855	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.5	0.660	0.044	0.0035	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	0.5	0.575	0.053	0.0039	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.5	0.652	0.044	0.0031	
60 minute summer	FC43	Infiltration		0.0				0.0
60 minute summer	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
60 minute summer	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.4	0.732	0.030	0.0025	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.6	0.461	0.095	0.0074	
60 minute summer	FC46	Infiltration		0.0				0.0
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0031	
60 minute summer	FC48	50.000	J42	0.5	0.559	0.033	0.0061	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	38	185.024	0.224	0.9	0.2895	0.0000	SURCHARGED
60 minute summer	FC50	38	185.024	0.224	0.9	0.2895	0.0000	SURCHARGED
60 minute summer	FC51	38	185.074	0.224	0.9	0.2894	0.0000	SURCHARGED
60 minute summer	FC52	38	185.472	0.222	0.9	0.2866	0.0000	SURCHARGED
60 minute summer	FC53	38	185.472	0.222	0.9	0.2870	0.0000	SURCHARGED
60 minute summer	FC54	37	185.414	0.163	0.7	0.2045	0.0000	SURCHARGED
60 minute summer	FC55	37	185.413	0.163	0.7	0.2038	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.5	0.439	0.077	0.0045	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.5	0.440	0.077	0.0049	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.5	0.442	0.077	0.0064	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.5	0.642	0.046	0.0039	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.5	0.604	0.049	0.0033	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.4	0.639	0.036	0.0024	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.4	0.805	0.026	0.0020	
60 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	37	185.513	0.163	0.7	0.2038	0.0000	SURCHARGED
60 minute summer	FC57	37	185.513	0.163	0.7	0.2039	0.0000	SURCHARGED
60 minute summer	FC58	37	185.513	0.163	0.7	0.2040	0.0000	SURCHARGED
60 minute summer	FC59	37	185.513	0.163	0.7	0.2042	0.0000	SURCHARGED
60 minute summer	FC60	38	185.572	0.222	0.9	0.2860	0.0000	SURCHARGED
60 minute summer	FC61	38	185.523	0.222	0.9	0.2872	0.0000	SURCHARGED
60 minute summer	FC62	38	185.583	0.333	1.2	0.4495	0.0000	SURCHARGED
60 minute summer	FC63	37	185.565	0.165	0.7	0.2067	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.4	0.829	0.025	0.0031	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.4	0.778	0.028	0.0033	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.4	0.748	0.029	0.0033	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.4	0.694	0.033	0.0036	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.5	0.721	0.039	0.0042	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.5	0.578	0.053	0.0059	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.6	0.566	0.074	0.0094	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	0.4	0.359	0.066	0.0036	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	37	185.320	0.170	0.7	0.2130	0.0000	SURCHARGED
60 minute summer	FC65	38	185.372	0.222	0.9	0.2866	0.0000	SURCHARGED
60 minute summer	FC66	38	185.224	0.223	0.9	0.2885	0.0000	SURCHARGED
60 minute summer	FC67	43	184.843	0.043	0.7	0.4445	0.0000	OK
60 minute summer	FC68	37	184.714	0.164	0.7	0.2052	0.0000	SURCHARGED
60 minute summer	J1	33	188.255	0.055	4.2	0.0806	0.0000	OK
60 minute summer	J2	34	188.128	0.072	4.6	0.0809	0.0000	OK
60 minute summer	J3	34	188.114	0.064	5.0	0.0723	0.0000	OK
60 minute summer	J4	34	188.084	0.045	5.4	0.0507	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	0.4	0.236	0.073	0.0065	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	0.5	0.310	0.047	0.0046	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.5	0.495	0.064	0.0020	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.2	0.329	0.030	0.0011	
60 minute summer	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.4	0.554	0.043	0.0016	
60 minute summer	FC68	Infiltration		0.0				0.0
60 minute summer	J1	1.001	J2	4.2	1.002	0.502	0.0209	
60 minute summer	J2	1.002	J3	4.5	0.590	0.337	0.0080	
60 minute summer	J3	1.003	J4	5.0	0.875	0.379	0.0113	
60 minute summer	J4	1.004	J5	5.4	1.322	0.158	0.0144	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J5	34	187.950	0.040	5.8	0.0451	0.0000	OK
60 minute summer	J6	34	187.706	0.056	6.2	0.0637	0.0000	OK
60 minute summer	J7	35	187.593	0.068	6.5	0.0765	0.0000	OK
60 minute summer	J8	35	187.563	0.042	7.1	0.0479	0.0000	OK
60 minute summer	J9	35	187.346	0.071	7.3	0.0802	0.0000	OK
60 minute summer	J10	35	187.311	0.041	7.8	0.0465	0.0000	OK
60 minute summer	J11	36	187.178	0.057	8.3	0.0639	0.0000	OK
60 minute summer	J12	35	186.882	0.073	12.6	0.0820	0.0000	OK
60 minute summer	J13	35	186.741	0.114	12.8	0.1293	0.0000	OK
60 minute summer	J14	35	186.729	0.107	13.1	0.1211	0.0000	OK
60 minute summer	J15	35	186.712	0.095	13.5	0.1073	0.0000	OK
60 minute summer	J16	35	186.678	0.073	13.9	0.0824	0.0000	OK
60 minute summer	J17	35	186.335	0.052	14.2	0.0584	0.0000	OK
60 minute summer	J18	35	186.194	0.069	16.6	0.0781	0.0000	OK
60 minute summer	J19	35	186.143	0.116	17.0	0.1315	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J5	1.005	J6	5.8	1.193	0.152	0.0278	
60 minute summer	J6	1.006	J7	6.1	1.139	0.216	0.0106	
60 minute summer	J7	1.007	J8	6.7	0.892	0.216	0.0086	
60 minute summer	J8	1.008	J9	7.0	0.889	0.078	0.0672	
60 minute summer	J9	1.009	J10	7.3	0.951	0.219	0.0094	
60 minute summer	J10	1.010	J11	7.8	1.257	0.061	0.0155	
60 minute summer	J11	1.011	S2	8.2	0.651	0.128	0.0699	
60 minute summer	J12	1.013	J13	12.6	1.219	0.188	0.0669	
60 minute summer	J13	1.014	J14	12.8	0.542	0.225	0.0447	
60 minute summer	J14	1.015	J15	13.1	0.631	0.233	0.0399	
60 minute summer	J15	1.016	J16	13.5	0.840	0.253	0.0828	
60 minute summer	J16	1.017	J17	13.9	1.165	0.097	0.0401	
60 minute summer	J17	1.018	S3	14.2	1.019	0.046	0.0271	
60 minute summer	J18	1.020	J19	16.6	0.899	0.058	0.0279	
60 minute summer	J19	1.021	S4	17.0	0.750	0.309	0.0998	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J20	34	186.084	0.053	3.0	0.0600	0.0000	OK
60 minute summer	J21	34	186.063	0.054	3.4	0.0612	0.0000	OK
60 minute summer	J22	35	186.024	0.061	3.8	0.0686	0.0000	OK
60 minute summer	J23	35	186.001	0.059	3.9	0.0666	0.0000	OK
60 minute summer	J24	34	185.899	0.082	6.6	0.0924	0.0000	OK
60 minute summer	J25	35	185.884	0.088	7.0	0.0995	0.0000	OK
60 minute summer	J26	35	185.872	0.093	7.4	0.1054	0.0000	OK
60 minute summer	J27	35	185.831	0.095	10.1	0.1078	0.0000	OK
60 minute summer	J28	33	186.406	0.050	2.7	0.0561	0.0000	OK
60 minute summer	J29	34	186.326	0.055	3.1	0.0623	0.0000	OK
60 minute summer	J30	34	186.226	0.079	6.2	0.0889	0.0000	OK
60 minute summer	J31	34	186.120	0.076	6.6	0.0854	0.0000	OK
60 minute summer	J32	35	186.082	0.071	7.0	0.0803	0.0000	OK
60 minute summer	J33	34	185.581	0.046	9.8	0.0525	0.0000	OK
60 minute summer	J34	34	185.215	0.090	12.4	0.1022	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J20	23.002	J21	3.0	0.528	0.219	0.0213	
60 minute summer	J21	23.003	J22	3.4	0.548	0.253	0.0496	
60 minute summer	J22	23.004	J23	3.8	0.582	0.280	0.0235	
60 minute summer	J23	23.005	S18	4.0	0.641	0.296	0.0463	
60 minute summer	J24	23.007	J25	6.6	0.484	0.219	0.0844	
60 minute summer	J25	23.008	J26	7.0	0.468	0.232	0.0742	
60 minute summer	J26	23.009	S19	7.5	0.477	0.244	0.0585	
60 minute summer	J27	23.011	S4	10.1	0.695	0.338	0.0348	
60 minute summer	J28	32.001	J29	2.7	0.659	0.458	0.0366	
60 minute summer	J29	32.002	S12	3.1	0.728	0.517	0.0196	
60 minute summer	J30	32.004	J31	6.2	0.702	0.467	0.0439	
60 minute summer	J31	32.005	J32	6.6	0.590	0.220	0.1091	
60 minute summer	J32	32.006	S13	7.0	0.842	0.234	0.0450	
60 minute summer	J33	32.008	S14	9.7	0.997	0.094	0.0910	
60 minute summer	J34	32.010	J35	12.4	1.074	0.322	0.1050	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J35	34	185.135	0.060	12.8	0.0674	0.0000	OK
60 minute summer	J36	35	184.970	0.095	13.2	0.1076	0.0000	OK
60 minute summer	J37	34	184.598	0.098	16.1	0.1106	0.0000	OK
60 minute summer	J38	34	184.430	0.130	19.0	0.1471	0.0000	OK
60 minute summer	J39	35	184.393	0.119	19.4	0.1346	0.0000	OK
60 minute summer	J40	35	184.364	0.099	20.0	0.1116	0.0000	OK
60 minute summer	J41	40	184.618	0.021	0.6	0.0236	0.0000	OK
60 minute summer	J42	40	184.566	0.029	1.0	0.0328	0.0000	OK
60 minute summer	J43	35	184.439	0.059	3.2	0.0664	0.0000	OK
60 minute summer	J44	35	184.426	0.056	3.6	0.0633	0.0000	OK
60 minute summer	J45	35	184.382	0.062	4.0	0.0696	0.0000	OK
60 minute summer	J46	35	184.313	0.091	6.2	0.1026	0.0000	OK
60 minute summer	J47	35	184.307	0.100	6.5	0.1128	0.0000	OK
60 minute summer	J48	36	184.293	0.099	8.8	0.1117	0.0000	OK
60 minute summer	J49	36	184.280	0.111	9.2	0.1254	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J35	32.011	J36	12.7	1.057	0.143	0.0835	
60 minute summer	J36	32.012	S15	13.2	1.027	0.441	0.0307	
60 minute summer	J37	32.014	S16	16.1	1.119	0.291	0.0760	
60 minute summer	J38	32.016	J39	19.0	0.688	0.351	0.2988	
60 minute summer	J39	32.017	J40	19.4	0.843	0.355	0.0844	
60 minute summer	J40	32.018	S10	20.1	1.056	0.202	0.1820	
60 minute summer	J41	48.002	J42	0.6	0.372	0.095	0.0095	
60 minute summer	J42	48.003	S21	1.0	0.555	0.174	0.0151	
60 minute summer	J43	48.005	J44	3.2	0.525	0.231	0.0099	
60 minute summer	J44	48.006	J45	3.6	0.565	0.271	0.0561	
60 minute summer	J45	48.007	S22	4.0	0.626	0.293	0.0151	
60 minute summer	J46	48.009	J47	6.2	0.390	0.200	0.0673	
60 minute summer	J47	48.010	S23	6.5	0.375	0.216	0.0459	
60 minute summer	J48	48.012	J49	8.7	0.488	0.292	0.1349	
60 minute summer	J49	48.013	J50	9.1	0.486	0.298	0.0215	

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J50	36	184.271	0.106	9.6	0.1202	0.0000	OK
60 minute summer	J51	36	184.258	0.110	10.0	0.1245	0.0000	OK
60 minute summer	J52	36	184.247	0.103	10.5	0.1161	0.0000	OK
60 minute summer	J53	37	184.224	0.097	10.9	0.1100	0.0000	OK
60 minute summer	J54	34	185.180	0.051	2.6	0.0573	0.0000	OK
60 minute summer	J55	34	185.140	0.046	3.0	0.0523	0.0000	OK
60 minute summer	J56	36	184.132	0.125	15.7	0.1409	0.0000	OK
60 minute summer	J57	36	184.110	0.125	16.2	0.1415	0.0000	OK
60 minute summer	BASIN 1	71	185.313	0.388	29.7	36.3398	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.589	0.289	2.3	27.1896	0.0000	OK
60 minute summer	BASIN 3	300	182.700	-0.400	25.8	36.0303	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J50	48.014	J51	9.6	0.510	0.320	0.0957	
60 minute summer	J51	48.015	J52	9.9	0.540	0.325	0.0209	
60 minute summer	J52	48.016	J53	10.5	0.616	0.344	0.0830	
60 minute summer	J53	48.017	S24	10.9	0.720	0.360	0.1548	
60 minute summer	J54	65.002	J55	2.6	0.701	0.444	0.0137	
60 minute summer	J55	65.003	S24	3.0	0.886	0.399	0.0269	
60 minute summer	J56	48.019	J57	15.8	0.569	0.291	0.2520	
60 minute summer	J57	48.020	S25	16.2	0.603	0.296	0.1645	
60 minute summer	BASIN 1	1.023	S5	2.3	0.272	0.028	0.9418	
60 minute summer	BASIN 1	Infiltration		0.1				1.7
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 2	71.000	BH1	1.6	0.642	0.271	0.1829	
60 minute summer	BASIN 2	Infiltration		0.0				0.0
60 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	BASIN 4	100	183.436	0.106	20.1	30.0552	0.0000	OK
60 minute summer	SWALE 1	72	184.916	0.042	2.1	0.0594	0.0000	OK
60 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.105	0.110	22.8	0.1570	0.0000	OK
60 minute summer	BH1	300	184.589	0.512	1.6	2.2873	0.0000	OK
60 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute summer	BH3	106	183.437	0.117	4.7	2.1545	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	BASIN 4	48.022	BH3	4.7	0.783	0.087	0.1093	
60 minute summer	BASIN 4	Infiltration		0.0				0.0
60 minute summer	SWALE 1	1.025	S6	2.1	0.326	0.025	0.2441	
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
60 minute summer	SWALE 3	1.033	BASIN 3	22.6	0.864	0.181	1.1329	
60 minute summer	BH1	Infiltration		0.1				1.4
60 minute summer	BH2	Infiltration		0.0				0.0
60 minute summer	BH3	Infiltration		0.2				2.9

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	35	188.396	0.026	1.3	0.0384	0.0000	OK
60 minute winter	S2	35	187.134	0.095	10.0	0.1642	0.0000	OK
60 minute winter	S3	37	186.228	0.091	13.4	0.1209	0.0000	OK
60 minute winter	S4	36	185.453	0.075	23.4	0.0964	0.0000	OK
60 minute winter	S5	71	185.311	0.401	2.3	0.5744	0.0000	SURCHARGED
60 minute winter	S6	74	184.848	0.040	2.1	0.0578	0.0000	OK
60 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.180	0.055	0.2	0.0792	0.0000	OK
60 minute winter	S10	35	184.180	0.067	18.0	0.1225	0.0000	OK
60 minute winter	S11	34	186.439	0.039	1.7	0.0615	0.0000	OK
60 minute winter	S12	34	186.242	0.066	4.4	0.0972	0.0000	OK
60 minute winter	S13	34	186.036	0.043	7.2	0.0636	0.0000	OK
60 minute winter	S14	35	185.250	0.075	9.6	0.1184	0.0000	OK
60 minute winter	S15	35	184.926	0.059	12.3	0.0928	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S1	1.000	J1	1.3	0.532	0.149	0.0205	
60 minute winter	S2	1.012	J12	9.9	0.690	0.333	0.0216	
60 minute winter	S3	1.019	J18	13.4	0.961	0.251	0.0721	
60 minute winter	S4	1.022	BASIN 1	23.4	1.503	0.140	0.6437	
60 minute winter	S5	1.024	SWALE 1	2.1	0.321	0.025	0.1334	
60 minute winter	S6	1.026	BASIN 2	2.1	0.389	0.024	0.0311	
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0605	
60 minute winter	S9	1.031	S10	-0.2	-0.078	-0.002	0.0784	
60 minute winter	S10	1.032	SWALE 3	18.0	1.014	0.055	0.0785	
60 minute winter	S11	32.000	J28	1.7	0.581	0.286	0.0134	
60 minute winter	S12	32.003	J30	4.4	0.585	0.329	0.0382	
60 minute winter	S13	32.007	J33	7.2	1.415	0.073	0.0662	
60 minute winter	S14	32.009	J34	9.6	0.796	0.189	0.0632	
60 minute winter	S15	32.013	J37	12.3	1.556	0.134	0.0739	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	35	184.536	0.049	14.6	0.0742	0.0000	OK
60 minute winter	S17	34	186.191	0.041	1.9	0.0655	0.0000	OK
60 minute winter	S18	35	185.897	0.073	4.9	0.1076	0.0000	OK
60 minute winter	S19	35	185.850	0.084	7.7	0.1213	0.0000	OK
60 minute winter	S20	41	184.663	0.021	0.5	0.0238	0.0000	OK
60 minute winter	S21	34	184.455	0.046	2.4	0.0615	0.0000	OK
60 minute winter	S22	36	184.309	0.078	4.9	0.1013	0.0000	OK
60 minute winter	S23	36	184.292	0.094	7.1	0.1209	0.0000	OK
60 minute winter	S24	37	184.136	0.118	13.4	0.1558	0.0000	OK
60 minute winter	S25	37	184.080	0.110	15.1	0.1520	0.0000	OK
60 minute winter	S26	34	185.405	0.028	1.7	0.0407	0.0000	OK
60 minute winter	FC1	40	188.448	0.198	0.6	0.2553	0.0000	SURCHARGED
60 minute winter	FC2	40	188.348	0.198	0.6	0.2560	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S16	32.015	J38	14.6	0.948	0.046	0.0369	
60 minute winter	S17	23.001	J20	1.9	0.659	0.328	0.0211	
60 minute winter	S18	23.006	J24	4.9	0.451	0.154	0.0200	
60 minute winter	S19	23.010	J27	7.7	0.568	0.258	0.1211	
60 minute winter	S20	48.001	J41	0.5	0.463	0.091	0.0054	
60 minute winter	S21	48.004	J43	2.4	0.468	0.179	0.0262	
60 minute winter	S22	48.008	J46	4.9	0.404	0.157	0.0305	
60 minute winter	S23	48.011	J48	7.1	0.471	0.230	0.0170	
60 minute winter	S24	48.018	J56	13.4	0.534	0.251	0.1070	
60 minute winter	S25	48.021	BASIN 4	15.1	0.722	0.284	0.0808	
60 minute winter	S26	65.001	J54	1.7	0.696	0.165	0.0213	
60 minute winter	FC1	2.000	J1	0.4	0.316	0.069	0.0102	
60 minute winter	FC1	Infiltration		0.0				0.0
60 minute winter	FC2	3.000	J2	0.4	0.433	0.072	0.0045	
60 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC3	41	188.508	0.308	0.9	0.4155	0.0000	SURCHARGED
60 minute winter	FC4	39	188.332	0.132	0.5	0.1646	0.0000	SURCHARGED
60 minute winter	FC5	40	188.198	0.198	0.6	0.2561	0.0000	SURCHARGED
60 minute winter	FC6	39	187.981	0.131	0.5	0.1638	0.0000	SURCHARGED
60 minute winter	FC7	39	187.882	0.132	0.5	0.1648	0.0000	SURCHARGED
60 minute winter	FC8	40	187.946	0.196	0.6	0.2529	0.0000	SURCHARGED
60 minute winter	FC9	39	187.603	0.133	0.5	0.1659	0.0000	SURCHARGED
60 minute winter	FC10	41	187.777	0.307	0.9	0.4151	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC3	4.000	J3	0.5	0.484	0.087	0.0105	
60 minute winter	FC3	Infiltration		0.0				0.0
60 minute winter	FC4	5.000	J4	0.3	0.479	0.046	0.0053	
60 minute winter	FC4	Infiltration		0.0				0.0
60 minute winter	FC5	6.000	J5	0.4	0.431	0.072	0.0041	
60 minute winter	FC5	Infiltration		0.0				0.0
60 minute winter	FC6	7.000	J6	0.3	0.534	0.040	0.0048	
60 minute winter	FC6	Infiltration		0.0				0.0
60 minute winter	FC7	8.000	J7	0.3	0.464	0.049	0.0054	
60 minute winter	FC7	Infiltration		0.0				0.0
60 minute winter	FC8	9.000	J8	0.4	0.605	0.045	0.0030	
60 minute winter	FC8	Infiltration		0.0				0.0
60 minute winter	FC9	10.000	J9	0.3	0.409	0.058	0.0061	
60 minute winter	FC9	Infiltration		0.0				0.0
60 minute winter	FC10	11.000	J10	0.5	0.502	0.082	0.0067	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC11	40	187.518	0.198	0.6	0.2559	0.0000	SURCHARGED
60 minute winter	FC12	40	187.428	0.198	0.6	0.2559	0.0000	SURCHARGED
60 minute winter	FC13	40	187.198	0.198	0.6	0.2559	0.0000	SURCHARGED
60 minute winter	FC14	48	186.948	0.048	0.6	0.6071	0.0000	OK
60 minute winter	FC15	39	187.330	0.130	0.5	0.1622	0.0000	SURCHARGED
60 minute winter	FC16	39	187.032	0.132	0.5	0.1655	0.0000	SURCHARGED
60 minute winter	FC17	39	187.130	0.130	0.5	0.1626	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC10	Infiltration		0.0				0.0
60 minute winter	FC11	12.000	J11	0.4	0.434	0.073	0.0076	
60 minute winter	FC11	Infiltration		0.0				0.0
60 minute winter	FC12	13.000	S2	0.4	0.434	0.072	0.0068	
60 minute winter	FC12	Infiltration		0.0				0.0
60 minute winter	FC13	14.000	J12	0.4	0.435	0.072	0.0067	
60 minute winter	FC13	Infiltration		0.0				0.0
60 minute winter	FC14	15.000	J13	0.2	0.343	0.032	0.0042	
60 minute winter	FC14	Infiltration		0.0				0.0
60 minute winter	FC15	16.000	J14	0.3	0.863	0.020	0.0019	
60 minute winter	FC15	Infiltration		0.0				0.0
60 minute winter	FC16	17.000	J15	0.3	0.427	0.055	0.0061	
60 minute winter	FC16	Infiltration		0.0				0.0
60 minute winter	FC17	18.000	J16	0.3	0.676	0.028	0.0025	
60 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC18	39	186.683	0.133	0.5	0.1660	0.0000	SURCHARGED
60 minute winter	FC19	40	186.598	0.198	0.6	0.2560	0.0000	SURCHARGED
60 minute winter	FC20	40	187.144	0.194	0.6	0.2509	0.0000	SURCHARGED
60 minute winter	FC21	40	186.498	0.198	0.6	0.2559	0.0000	SURCHARGED
60 minute winter	FC22	45	186.492	0.042	0.5	0.4103	0.0000	OK
60 minute winter	FC23	39	186.430	0.130	0.5	0.1624	0.0000	SURCHARGED
60 minute winter	FC24	40	186.495	0.195	0.6	0.2513	0.0000	SURCHARGED
60 minute winter	FC25	40	186.744	0.194	0.6	0.2509	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC18	19.000	J17	0.3	0.407	0.058	0.0059	
60 minute winter	FC18	Infiltration		0.0				0.0
60 minute winter	FC19	20.000	S3	0.4	0.433	0.073	0.0065	
60 minute winter	FC19	Infiltration		0.0				0.0
60 minute winter	FC20	21.000	J18	0.4	0.870	0.027	0.0021	
60 minute winter	FC20	Infiltration		0.0				0.0
60 minute winter	FC21	22.000	J19	0.4	0.434	0.073	0.0076	
60 minute winter	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.2	0.410	0.012	0.0078	
60 minute winter	FC22	Infiltration		0.0				0.0
60 minute winter	FC23	24.000	J20	0.3	0.717	0.026	0.0022	
60 minute winter	FC23	Infiltration		0.0				0.0
60 minute winter	FC24	25.000	J21	0.4	0.786	0.031	0.0025	
60 minute winter	FC24	Infiltration		0.0				0.0
60 minute winter	FC25	26.000	J22	0.4	0.864	0.027	0.0024	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	45	186.491	0.041	0.5	0.4158	0.0000	OK
60 minute winter	FC27	39	186.630	0.130	0.5	0.1622	0.0000	SURCHARGED
60 minute winter	FC28	40	186.694	0.194	0.6	0.2509	0.0000	SURCHARGED
60 minute winter	FC29	40	186.694	0.194	0.6	0.2510	0.0000	SURCHARGED
60 minute winter	FC30	40	186.945	0.195	0.6	0.2511	0.0000	SURCHARGED
60 minute winter	FC31	39	186.581	0.131	0.5	0.1635	0.0000	SURCHARGED
60 minute winter	FC32	39	186.580	0.130	0.5	0.1624	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.2	0.585	0.013	0.0014	
60 minute winter	FC26	Infiltration		0.0				0.0
60 minute winter	FC27	28.000	J24	0.3	1.006	0.016	0.0016	
60 minute winter	FC27	Infiltration		0.0				0.0
60 minute winter	FC28	29.000	J25	0.4	0.868	0.027	0.0022	
60 minute winter	FC28	Infiltration		0.0				0.0
60 minute winter	FC29	30.000	J26	0.4	0.845	0.028	0.0024	
60 minute winter	FC29	Infiltration		0.0				0.0
60 minute winter	FC30	31.000	J27	0.4	0.811	0.030	0.0023	
60 minute winter	FC30	Infiltration		0.0				0.0
60 minute winter	FC31	33.000	J28	0.3	0.282	0.038	0.0078	
60 minute winter	FC31	Infiltration		0.0				0.0
60 minute winter	FC32	34.000	J29	0.3	0.240	0.028	0.0085	
60 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC33	40	186.645	0.195	0.6	0.2511	0.0000	SURCHARGED
60 minute winter	FC34	40	186.648	0.198	0.6	0.2557	0.0000	SURCHARGED
60 minute winter	FC35	40	186.645	0.195	0.6	0.2512	0.0000	SURCHARGED
60 minute winter	FC36	40	186.644	0.194	0.6	0.2510	0.0000	SURCHARGED
60 minute winter	FC37	41	186.106	0.306	0.9	0.4129	0.0000	SURCHARGED
60 minute winter	FC38	45	185.487	0.037	0.5	0.4385	0.0000	OK
60 minute winter	FC39	39	185.580	0.130	0.5	0.1622	0.0000	SURCHARGED
60 minute winter	FC40	40	185.694	0.194	0.6	0.2507	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC33	35.000	S12	0.4	0.797	0.030	0.0026	
60 minute winter	FC33	Infiltration		0.0				0.0
60 minute winter	FC34	36.000	J30	0.4	0.445	0.069	0.0046	
60 minute winter	FC34	Infiltration		0.0				0.0
60 minute winter	FC35	37.000	J31	0.4	0.802	0.030	0.0028	
60 minute winter	FC35	Infiltration		0.0				0.0
60 minute winter	FC36	38.000	J32	0.4	0.841	0.028	0.0026	
60 minute winter	FC36	Infiltration		0.0				0.0
60 minute winter	FC37	39.000	J33	0.5	0.616	0.061	0.0058	
60 minute winter	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.2	0.547	0.013	0.0014	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute winter	FC39	41.000	J35	0.3	0.760	0.024	0.0020	
60 minute winter	FC39	Infiltration		0.0				0.0
60 minute winter	FC40	42.000	J36	0.4	0.988	0.023	0.0022	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC41	40	185.046	0.195	0.6	0.2524	0.0000	SURCHARGED
60 minute winter	FC42	40	184.796	0.196	0.6	0.2534	0.0000	SURCHARGED
60 minute winter	FC43	40	184.796	0.196	0.6	0.2525	0.0000	SURCHARGED
60 minute winter	FC44	34	184.615	0.015	0.5	0.0190	0.0000	OK
60 minute winter	FC45	39	184.730	0.130	0.5	0.1624	0.0000	SURCHARGED
60 minute winter	FC46	41	185.008	0.308	0.9	0.4161	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	40	184.995	0.195	0.6	0.2511	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC40	Infiltration		0.0				0.0
60 minute winter	FC41	43.000	J37	0.4	0.647	0.041	0.0033	
60 minute winter	FC41	Infiltration		0.0				0.0
60 minute winter	FC42	44.000	J38	0.4	0.564	0.050	0.0038	
60 minute winter	FC42	Infiltration		0.0				0.0
60 minute winter	FC43	45.000	J39	0.4	0.640	0.042	0.0029	
60 minute winter	FC43	Infiltration		0.0				0.0
60 minute winter	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
60 minute winter	FC44	Infiltration		0.0				0.0
60 minute winter	FC45	47.000	S10	0.3	0.707	0.027	0.0023	
60 minute winter	FC45	Infiltration		0.0				0.0
60 minute winter	FC46	48.000	S20	0.5	0.455	0.091	0.0071	
60 minute winter	FC46	Infiltration		0.0				0.0
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0030	
60 minute winter	FC48	50.000	J42	0.4	0.558	0.031	0.0059	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC49	40	184.998	0.198	0.6	0.2561	0.0000	SURCHARGED
60 minute winter	FC50	40	184.998	0.198	0.6	0.2560	0.0000	SURCHARGED
60 minute winter	FC51	40	185.048	0.198	0.6	0.2560	0.0000	SURCHARGED
60 minute winter	FC52	40	185.446	0.196	0.6	0.2526	0.0000	SURCHARGED
60 minute winter	FC53	40	185.446	0.196	0.6	0.2530	0.0000	SURCHARGED
60 minute winter	FC54	39	185.380	0.130	0.5	0.1630	0.0000	SURCHARGED
60 minute winter	FC55	39	185.380	0.130	0.5	0.1622	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC48	Infiltration		0.0				0.0
60 minute winter	FC49	51.000	S21	0.4	0.431	0.072	0.0043	
60 minute winter	FC49	Infiltration		0.0				0.0
60 minute winter	FC50	52.000	J43	0.4	0.431	0.072	0.0046	
60 minute winter	FC50	Infiltration		0.0				0.0
60 minute winter	FC51	55.000	S22	0.4	0.433	0.072	0.0061	
60 minute winter	FC51	Infiltration		0.0				0.0
60 minute winter	FC52	58.000	S23	0.4	0.629	0.043	0.0037	
60 minute winter	FC52	Infiltration		0.0				0.0
60 minute winter	FC53	61.000	J50	0.4	0.592	0.046	0.0031	
60 minute winter	FC53	Infiltration		0.0				0.0
60 minute winter	FC54	62.000	J51	0.3	0.616	0.032	0.0022	
60 minute winter	FC54	Infiltration		0.0				0.0
60 minute winter	FC55	64.000	J53	0.3	0.777	0.023	0.0019	
60 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC56	39	185.480	0.130	0.5	0.1622	0.0000	SURCHARGED
60 minute winter	FC57	39	185.480	0.130	0.5	0.1622	0.0000	SURCHARGED
60 minute winter	FC58	39	185.480	0.130	0.5	0.1623	0.0000	SURCHARGED
60 minute winter	FC59	39	185.480	0.130	0.5	0.1626	0.0000	SURCHARGED
60 minute winter	FC60	40	185.545	0.195	0.6	0.2518	0.0000	SURCHARGED
60 minute winter	FC61	40	185.496	0.196	0.6	0.2533	0.0000	SURCHARGED
60 minute winter	FC62	41	185.556	0.306	0.9	0.4138	0.0000	SURCHARGED
60 minute winter	FC63	39	185.533	0.133	0.5	0.1658	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC56	53.000	J44	0.3	0.800	0.023	0.0029	
60 minute winter	FC56	Infiltration		0.0				0.0
60 minute winter	FC57	54.000	J45	0.3	0.752	0.025	0.0030	
60 minute winter	FC57	Infiltration		0.0				0.0
60 minute winter	FC58	56.000	J46	0.3	0.722	0.026	0.0030	
60 minute winter	FC58	Infiltration		0.0				0.0
60 minute winter	FC59	57.000	J47	0.3	0.670	0.029	0.0033	
60 minute winter	FC59	Infiltration		0.0				0.0
60 minute winter	FC60	59.000	J48	0.4	0.707	0.036	0.0040	
60 minute winter	FC60	Infiltration		0.0				0.0
60 minute winter	FC61	60.000	J49	0.4	0.568	0.050	0.0056	
60 minute winter	FC61	Infiltration		0.0				0.0
60 minute winter	FC62	63.000	J52	0.5	0.559	0.071	0.0091	
60 minute winter	FC62	Infiltration		0.0				0.0
60 minute winter	FC63	65.000	S26	0.3	0.338	0.058	0.0030	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC64	39	185.286	0.136	0.5	0.1698	0.0000	SURCHARGED
60 minute winter	FC65	40	185.346	0.196	0.6	0.2526	0.0000	SURCHARGED
60 minute winter	FC66	40	185.198	0.197	0.6	0.2549	0.0000	SURCHARGED
60 minute winter	FC67	45	184.841	0.041	0.5	0.4212	0.0000	OK
60 minute winter	FC68	39	184.681	0.131	0.5	0.1639	0.0000	SURCHARGED
60 minute winter	J1	35	188.245	0.045	3.0	0.0657	0.0000	OK
60 minute winter	J2	35	188.117	0.061	3.4	0.0693	0.0000	OK
60 minute winter	J3	35	188.106	0.056	3.9	0.0629	0.0000	OK
60 minute winter	J4	36	188.078	0.039	4.2	0.0441	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC63	Infiltration		0.0				0.0
60 minute winter	FC64	66.000	J54	0.4	0.223	0.062	0.0050	
60 minute winter	FC64	Infiltration		0.0				0.0
60 minute winter	FC65	67.000	J55	0.4	0.302	0.044	0.0040	
60 minute winter	FC65	Infiltration		0.0				0.0
60 minute winter	FC66	68.000	S24	0.4	0.485	0.060	0.0019	
60 minute winter	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.2	0.326	0.029	0.0011	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute winter	FC68	70.000	J57	0.3	0.536	0.039	0.0015	
60 minute winter	FC68	Infiltration		0.0				0.0
60 minute winter	J1	1.001	J2	3.0	0.927	0.361	0.0162	
60 minute winter	J2	1.002	J3	3.4	0.533	0.252	0.0066	
60 minute winter	J3	1.003	J4	3.9	0.814	0.292	0.0093	
60 minute winter	J4	1.004	J5	4.2	1.241	0.123	0.0120	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J5	36	187.945	0.035	4.6	0.0399	0.0000	OK
60 minute winter	J6	36	187.700	0.050	5.0	0.0562	0.0000	OK
60 minute winter	J7	36	187.586	0.061	5.3	0.0687	0.0000	OK
60 minute winter	J8	36	187.560	0.038	5.9	0.0435	0.0000	OK
60 minute winter	J9	37	187.339	0.064	6.0	0.0725	0.0000	OK
60 minute winter	J10	37	187.307	0.037	6.5	0.0418	0.0000	OK
60 minute winter	J11	37	187.172	0.051	7.0	0.0579	0.0000	OK
60 minute winter	J12	35	186.874	0.065	10.3	0.0735	0.0000	OK
60 minute winter	J13	36	186.730	0.103	10.5	0.1166	0.0000	OK
60 minute winter	J14	36	186.719	0.097	10.8	0.1096	0.0000	OK
60 minute winter	J15	36	186.703	0.086	11.2	0.0975	0.0000	OK
60 minute winter	J16	36	186.671	0.066	11.5	0.0743	0.0000	OK
60 minute winter	J17	36	186.329	0.046	11.8	0.0516	0.0000	OK
60 minute winter	J18	37	186.185	0.060	13.8	0.0682	0.0000	OK
60 minute winter	J19	37	186.133	0.106	14.2	0.1195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J5	1.005	J6	4.6	1.129	0.121	0.0234	
60 minute winter	J6	1.006	J7	5.0	1.082	0.174	0.0090	
60 minute winter	J7	1.007	J8	5.5	0.847	0.177	0.0074	
60 minute winter	J8	1.008	J9	5.7	0.838	0.064	0.0584	
60 minute winter	J9	1.009	J10	6.0	0.905	0.180	0.0081	
60 minute winter	J10	1.010	J11	6.5	1.207	0.051	0.0135	
60 minute winter	J11	1.011	S2	7.0	0.630	0.108	0.0607	
60 minute winter	J12	1.013	J13	10.3	1.159	0.154	0.0577	
60 minute winter	J13	1.014	J14	10.5	0.512	0.185	0.0389	
60 minute winter	J14	1.015	J15	10.8	0.597	0.192	0.0348	
60 minute winter	J15	1.016	J16	11.2	0.799	0.210	0.0720	
60 minute winter	J16	1.017	J17	11.5	1.111	0.081	0.0349	
60 minute winter	J17	1.018	S3	11.8	0.986	0.038	0.0233	
60 minute winter	J18	1.020	J19	13.8	0.870	0.048	0.0240	
60 minute winter	J19	1.021	S4	14.2	0.712	0.257	0.0877	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J20	34	186.077	0.046	2.3	0.0515	0.0000	OK
60 minute winter	J21	35	186.056	0.047	2.6	0.0533	0.0000	OK
60 minute winter	J22	35	186.017	0.054	3.1	0.0605	0.0000	OK
60 minute winter	J23	36	185.994	0.052	3.2	0.0591	0.0000	OK
60 minute winter	J24	35	185.888	0.071	5.2	0.0803	0.0000	OK
60 minute winter	J25	35	185.873	0.077	5.6	0.0866	0.0000	OK
60 minute winter	J26	35	185.861	0.082	6.0	0.0922	0.0000	OK
60 minute winter	J27	35	185.821	0.085	8.1	0.0959	0.0000	OK
60 minute winter	J28	34	186.398	0.041	2.0	0.0469	0.0000	OK
60 minute winter	J29	35	186.318	0.047	2.3	0.0528	0.0000	OK
60 minute winter	J30	35	186.214	0.067	4.8	0.0759	0.0000	OK
60 minute winter	J31	35	186.110	0.066	5.2	0.0750	0.0000	OK
60 minute winter	J32	35	186.074	0.063	5.6	0.0716	0.0000	OK
60 minute winter	J33	35	185.576	0.041	7.7	0.0467	0.0000	OK
60 minute winter	J34	35	185.205	0.079	9.7	0.0899	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J20	23.002	J21	2.3	0.490	0.167	0.0174	
60 minute winter	J21	23.003	J22	2.7	0.513	0.198	0.0415	
60 minute winter	J22	23.004	J23	3.1	0.550	0.226	0.0199	
60 minute winter	J23	23.005	S18	3.2	0.606	0.239	0.0396	
60 minute winter	J24	23.007	J25	5.2	0.464	0.174	0.0699	
60 minute winter	J25	23.008	J26	5.6	0.452	0.186	0.0617	
60 minute winter	J26	23.009	S19	6.0	0.459	0.197	0.0491	
60 minute winter	J27	23.011	S4	8.1	0.653	0.272	0.0297	
60 minute winter	J28	32.001	J29	2.0	0.609	0.340	0.0293	
60 minute winter	J29	32.002	S12	2.3	0.683	0.394	0.0159	
60 minute winter	J30	32.004	J31	4.8	0.660	0.360	0.0360	
60 minute winter	J31	32.005	J32	5.2	0.549	0.172	0.0921	
60 minute winter	J32	32.006	S13	5.6	0.791	0.185	0.0380	
60 minute winter	J33	32.008	S14	7.7	0.952	0.074	0.0753	
60 minute winter	J34	32.010	J35	9.7	1.011	0.252	0.0875	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J35	35	185.127	0.052	10.1	0.0586	0.0000	OK
60 minute winter	J36	35	184.959	0.084	10.5	0.0952	0.0000	OK
60 minute winter	J37	35	184.587	0.087	12.7	0.0984	0.0000	OK
60 minute winter	J38	35	184.414	0.114	15.0	0.1290	0.0000	OK
60 minute winter	J39	36	184.379	0.105	15.4	0.1182	0.0000	OK
60 minute winter	J40	36	184.352	0.087	15.8	0.0979	0.0000	OK
60 minute winter	J41	42	184.617	0.020	0.5	0.0231	0.0000	OK
60 minute winter	J42	42	184.565	0.028	1.0	0.0319	0.0000	OK
60 minute winter	J43	37	184.434	0.054	2.8	0.0609	0.0000	OK
60 minute winter	J44	37	184.422	0.052	3.1	0.0584	0.0000	OK
60 minute winter	J45	37	184.377	0.057	3.5	0.0645	0.0000	OK
60 minute winter	J46	37	184.303	0.081	5.3	0.0916	0.0000	OK
60 minute winter	J47	37	184.297	0.090	5.6	0.1017	0.0000	OK
60 minute winter	J48	37	184.284	0.090	7.5	0.1013	0.0000	OK
60 minute winter	J49	37	184.271	0.101	7.9	0.1148	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J35	32.011	J36	10.0	0.996	0.113	0.0701	
60 minute winter	J36	32.012	S15	10.4	0.966	0.348	0.0258	
60 minute winter	J37	32.014	S16	12.7	1.069	0.230	0.0630	
60 minute winter	J38	32.016	J39	15.0	0.646	0.277	0.2509	
60 minute winter	J39	32.017	J40	15.4	0.798	0.281	0.0706	
60 minute winter	J40	32.018	S10	15.8	0.992	0.159	0.1526	
60 minute winter	J41	48.002	J42	0.5	0.370	0.091	0.0092	
60 minute winter	J42	48.003	S21	1.0	0.547	0.164	0.0145	
60 minute winter	J43	48.005	J44	2.8	0.506	0.199	0.0089	
60 minute winter	J44	48.006	J45	3.1	0.545	0.235	0.0504	
60 minute winter	J45	48.007	S22	3.5	0.605	0.256	0.0137	
60 minute winter	J46	48.009	J47	5.3	0.383	0.171	0.0583	
60 minute winter	J47	48.010	S23	5.6	0.369	0.186	0.0402	
60 minute winter	J48	48.012	J49	7.5	0.471	0.250	0.1195	
60 minute winter	J49	48.013	J50	7.9	0.469	0.257	0.0192	

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J50	37	184.262	0.097	8.3	0.1100	0.0000	OK
60 minute winter	J51	37	184.250	0.102	8.6	0.1148	0.0000	OK
60 minute winter	J52	38	184.239	0.095	9.2	0.1073	0.0000	OK
60 minute winter	J53	38	184.217	0.090	9.5	0.1023	0.0000	OK
60 minute winter	J54	34	185.172	0.043	2.0	0.0490	0.0000	OK
60 minute winter	J55	35	185.134	0.040	2.4	0.0457	0.0000	OK
60 minute winter	J56	37	184.121	0.114	13.6	0.1291	0.0000	OK
60 minute winter	J57	37	184.100	0.115	13.9	0.1301	0.0000	OK
60 minute winter	BASIN 1	71	185.311	0.386	24.2	36.1782	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.588	0.288	2.3	27.0733	0.0000	OK
60 minute winter	BASIN 3	300	182.700	-0.400	20.5	35.8655	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J50	48.014	J51	8.3	0.491	0.278	0.0857	
60 minute winter	J51	48.015	J52	8.6	0.519	0.282	0.0189	
60 minute winter	J52	48.016	J53	9.1	0.595	0.300	0.0751	
60 minute winter	J53	48.017	S24	9.5	0.692	0.315	0.1408	
60 minute winter	J54	65.002	J55	2.0	0.650	0.340	0.0113	
60 minute winter	J55	65.003	S24	2.4	0.837	0.316	0.0226	
60 minute winter	J56	48.019	J57	13.6	0.550	0.251	0.2247	
60 minute winter	J57	48.020	S25	13.9	0.580	0.255	0.1474	
60 minute winter	BASIN 1	1.023	S5	2.3	0.271	0.027	0.9418	
60 minute winter	BASIN 1	Infiltration		0.1				1.7
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 2	71.000	BH1	1.6	0.638	0.275	0.1829	
60 minute winter	BASIN 2	Infiltration		0.0				0.0
60 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	BASIN 4	99	183.436	0.106	17.0	30.0253	0.0000	OK
60 minute winter	SWALE 1	72	184.916	0.041	2.1	0.0594	0.0000	OK
60 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	36	184.092	0.097	18.0	0.1392	0.0000	OK
60 minute winter	BH1	300	184.588	0.511	1.6	2.2840	0.0000	OK
60 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute winter	BH3	104	183.436	0.117	4.3	2.1541	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	BASIN 4	48.022	BH3	4.3	0.748	0.079	0.1091	
60 minute winter	BASIN 4	Infiltration		0.0				0.0
60 minute winter	SWALE 1	1.025	S6	2.1	0.326	0.025	0.2437	
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
60 minute winter	SWALE 3	1.033	BASIN 3	18.0	0.810	0.144	0.9602	
60 minute winter	BH1	Infiltration		0.1				1.4
60 minute winter	BH2	Infiltration		0.0				0.0
60 minute winter	BH3	Infiltration		0.2				2.9

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.397	0.027	1.4	0.0399	0.0000	OK
120 minute summer	S2	66	187.135	0.096	10.2	0.1663	0.0000	OK
120 minute summer	S3	66	186.229	0.092	13.7	0.1226	0.0000	OK
120 minute summer	S4	66	185.454	0.076	24.1	0.0979	0.0000	OK
120 minute summer	S5	126	185.416	0.506	2.4	0.7244	0.0000	SURCHARGED
120 minute summer	S6	128	184.851	0.043	2.4	0.0612	0.0000	OK
120 minute summer	S7	2	184.759	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.330	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	66	184.181	0.056	0.1	0.0803	0.0000	OK
120 minute summer	S10	66	184.181	0.068	18.3	0.1239	0.0000	OK
120 minute summer	S11	64	186.440	0.040	1.8	0.0635	0.0000	OK
120 minute summer	S12	64	186.243	0.067	4.6	0.0997	0.0000	OK
120 minute summer	S13	64	186.036	0.043	7.5	0.0647	0.0000	OK
120 minute summer	S14	64	185.251	0.076	9.9	0.1202	0.0000	OK
120 minute summer	S15	66	184.927	0.060	12.6	0.0937	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S1	1.000	J1	1.4	0.540	0.160	0.0216	
120 minute summer	S2	1.012	J12	10.2	0.695	0.341	0.0219	
120 minute summer	S3	1.019	J18	13.7	0.965	0.257	0.0736	
120 minute summer	S4	1.022	BASIN 1	24.1	1.055	0.144	0.6791	
120 minute summer	S5	1.024	SWALE 1	2.4	0.332	0.029	0.1460	
120 minute summer	S6	1.026	BASIN 2	2.4	0.404	0.027	0.0340	
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0618	
120 minute summer	S9	1.031	S10	-0.1	-0.056	-0.002	0.0799	
120 minute summer	S10	1.032	SWALE 3	18.4	1.019	0.056	0.0798	
120 minute summer	S11	32.000	J28	1.8	0.589	0.303	0.0139	
120 minute summer	S12	32.003	J30	4.6	0.591	0.343	0.0394	
120 minute summer	S13	32.007	J33	7.4	1.429	0.076	0.0676	
120 minute summer	S14	32.009	J34	9.8	0.801	0.194	0.0644	
120 minute summer	S15	32.013	J37	12.6	1.565	0.136	0.0750	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.536	0.049	14.9	0.0750	0.0000	OK
120 minute summer	S17	64	186.193	0.043	2.1	0.0678	0.0000	OK
120 minute summer	S18	64	185.898	0.074	5.1	0.1100	0.0000	OK
120 minute summer	S19	66	185.852	0.086	8.0	0.1236	0.0000	OK
120 minute summer	S20	72	184.663	0.021	0.5	0.0239	0.0000	OK
120 minute summer	S21	66	184.455	0.046	2.4	0.0615	0.0000	OK
120 minute summer	S22	66	184.310	0.079	5.0	0.1018	0.0000	OK
120 minute summer	S23	68	184.292	0.094	7.1	0.1214	0.0000	OK
120 minute summer	S24	66	184.136	0.119	13.5	0.1561	0.0000	OK
120 minute summer	S25	66	184.080	0.110	15.2	0.1525	0.0000	OK
120 minute summer	S26	64	185.405	0.028	1.8	0.0419	0.0000	OK
120 minute summer	FC1	70	188.447	0.197	0.6	0.2542	0.0000	SURCHARGED
120 minute summer	FC2	70	188.348	0.197	0.6	0.2549	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S16	32.015	J38	14.8	0.952	0.047	0.0374	
120 minute summer	S17	23.001	J20	2.1	0.669	0.347	0.0220	
120 minute summer	S18	23.006	J24	5.1	0.456	0.160	0.0206	
120 minute summer	S19	23.010	J27	8.0	0.573	0.266	0.1243	
120 minute summer	S20	48.001	J41	0.5	0.464	0.092	0.0055	
120 minute summer	S21	48.004	J43	2.4	0.468	0.180	0.0264	
120 minute summer	S22	48.008	J46	5.0	0.402	0.158	0.0307	
120 minute summer	S23	48.011	J48	7.1	0.471	0.231	0.0172	
120 minute summer	S24	48.018	J56	13.5	0.534	0.252	0.1074	
120 minute summer	S25	48.021	BASIN 4	15.2	0.723	0.286	0.0811	
120 minute summer	S26	65.001	J54	1.8	0.711	0.175	0.0221	
120 minute summer	FC1	2.000	J1	0.4	0.304	0.069	0.0105	
120 minute summer	FC1	Infiltration		0.0				0.0
120 minute summer	FC2	3.000	J2	0.4	0.432	0.072	0.0045	
120 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC3	72	188.513	0.313	0.9	0.4233	0.0000	SURCHARGED
120 minute summer	FC4	70	188.333	0.133	0.5	0.1662	0.0000	SURCHARGED
120 minute summer	FC5	70	188.198	0.198	0.6	0.2550	0.0000	SURCHARGED
120 minute summer	FC6	70	187.982	0.132	0.5	0.1653	0.0000	SURCHARGED
120 minute summer	FC7	70	187.883	0.133	0.5	0.1665	0.0000	SURCHARGED
120 minute summer	FC8	70	187.945	0.195	0.6	0.2516	0.0000	SURCHARGED
120 minute summer	FC9	70	187.604	0.134	0.5	0.1677	0.0000	SURCHARGED
120 minute summer	FC10	72	187.783	0.313	0.9	0.4228	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC3	4.000	J3	0.5	0.486	0.088	0.0106	
120 minute summer	FC3	Infiltration		0.0				0.0
120 minute summer	FC4	5.000	J4	0.3	0.480	0.047	0.0053	
120 minute summer	FC4	Infiltration		0.0				0.0
120 minute summer	FC5	6.000	J5	0.4	0.431	0.072	0.0041	
120 minute summer	FC5	Infiltration		0.0				0.0
120 minute summer	FC6	7.000	J6	0.3	0.535	0.040	0.0048	
120 minute summer	FC6	Infiltration		0.0				0.0
120 minute summer	FC7	8.000	J7	0.3	0.465	0.049	0.0054	
120 minute summer	FC7	Infiltration		0.0				0.0
120 minute summer	FC8	9.000	J8	0.4	0.604	0.045	0.0030	
120 minute summer	FC8	Infiltration		0.0				0.0
120 minute summer	FC9	10.000	J9	0.3	0.410	0.058	0.0061	
120 minute summer	FC9	Infiltration		0.0				0.0
120 minute summer	FC10	11.000	J10	0.5	0.504	0.083	0.0068	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC11	70	187.517	0.197	0.6	0.2548	0.0000	SURCHARGED
120 minute summer	FC12	70	187.427	0.197	0.6	0.2549	0.0000	SURCHARGED
120 minute summer	FC13	70	187.197	0.197	0.6	0.2548	0.0000	SURCHARGED
120 minute summer	FC14	78	186.956	0.056	0.6	0.7080	0.0000	OK
120 minute summer	FC15	68	187.331	0.131	0.5	0.1637	0.0000	SURCHARGED
120 minute summer	FC16	70	187.034	0.134	0.5	0.1672	0.0000	SURCHARGED
120 minute summer	FC17	70	187.131	0.131	0.5	0.1640	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC10	Infiltration		0.0				0.0
120 minute summer	FC11	12.000	J11	0.4	0.434	0.072	0.0076	
120 minute summer	FC11	Infiltration		0.0				0.0
120 minute summer	FC12	13.000	S2	0.4	0.433	0.072	0.0068	
120 minute summer	FC12	Infiltration		0.0				0.0
120 minute summer	FC13	14.000	J12	0.4	0.434	0.072	0.0067	
120 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.2	0.353	0.035	0.0045	
120 minute summer	FC14	Infiltration		0.0				0.0
120 minute summer	FC15	16.000	J14	0.4	0.864	0.020	0.0019	
120 minute summer	FC15	Infiltration		0.0				0.0
120 minute summer	FC16	17.000	J15	0.3	0.428	0.055	0.0062	
120 minute summer	FC16	Infiltration		0.0				0.0
120 minute summer	FC17	18.000	J16	0.3	0.677	0.029	0.0025	
120 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC18	70	186.684	0.134	0.5	0.1678	0.0000	SURCHARGED
120 minute summer	FC19	70	186.597	0.197	0.6	0.2549	0.0000	SURCHARGED
120 minute summer	FC20	70	187.143	0.193	0.6	0.2496	0.0000	SURCHARGED
120 minute summer	FC21	70	186.497	0.197	0.6	0.2549	0.0000	SURCHARGED
120 minute summer	FC22	78	186.498	0.048	0.5	0.4650	0.0000	OK
120 minute summer	FC23	70	186.431	0.131	0.5	0.1638	0.0000	SURCHARGED
120 minute summer	FC24	70	186.494	0.194	0.6	0.2500	0.0000	SURCHARGED
120 minute summer	FC25	70	186.743	0.193	0.6	0.2497	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC18	19.000	J17	0.3	0.408	0.059	0.0060	
120 minute summer	FC18	Infiltration		0.0				0.0
120 minute summer	FC19	20.000	S3	0.4	0.432	0.073	0.0065	
120 minute summer	FC19	Infiltration		0.0				0.0
120 minute summer	FC20	21.000	J18	0.4	0.870	0.027	0.0021	
120 minute summer	FC20	Infiltration		0.0				0.0
120 minute summer	FC21	22.000	J19	0.4	0.433	0.073	0.0075	
120 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.2	0.345	0.013	0.0082	
120 minute summer	FC22	Infiltration		0.0				0.0
120 minute summer	FC23	24.000	J20	0.3	0.718	0.026	0.0022	
120 minute summer	FC23	Infiltration		0.0				0.0
120 minute summer	FC24	25.000	J21	0.4	0.786	0.031	0.0025	
120 minute summer	FC24	Infiltration		0.0				0.0
120 minute summer	FC25	26.000	J22	0.4	0.863	0.027	0.0024	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	78	186.497	0.047	0.5	0.4729	0.0000	OK
120 minute summer	FC27	68	186.631	0.131	0.5	0.1637	0.0000	SURCHARGED
120 minute summer	FC28	70	186.693	0.193	0.6	0.2497	0.0000	SURCHARGED
120 minute summer	FC29	70	186.694	0.193	0.6	0.2497	0.0000	SURCHARGED
120 minute summer	FC30	70	186.944	0.194	0.6	0.2499	0.0000	SURCHARGED
120 minute summer	FC31	70	186.582	0.132	0.5	0.1650	0.0000	SURCHARGED
120 minute summer	FC32	70	186.581	0.131	0.5	0.1638	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.2	0.601	0.014	0.0015	
120 minute summer	FC26	Infiltration		0.0				0.0
120 minute summer	FC27	28.000	J24	0.4	1.007	0.016	0.0016	
120 minute summer	FC27	Infiltration		0.0				0.0
120 minute summer	FC28	29.000	J25	0.4	0.868	0.027	0.0022	
120 minute summer	FC28	Infiltration		0.0				0.0
120 minute summer	FC29	30.000	J26	0.4	0.844	0.028	0.0024	
120 minute summer	FC29	Infiltration		0.0				0.0
120 minute summer	FC30	31.000	J27	0.4	0.810	0.030	0.0023	
120 minute summer	FC30	Infiltration		0.0				0.0
120 minute summer	FC31	33.000	J28	0.3	0.274	0.039	0.0080	
120 minute summer	FC31	Infiltration		0.0				0.0
120 minute summer	FC32	34.000	J29	0.3	0.235	0.028	0.0086	
120 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC33	70	186.644	0.194	0.6	0.2499	0.0000	SURCHARGED
120 minute summer	FC34	70	186.647	0.197	0.6	0.2546	0.0000	SURCHARGED
120 minute summer	FC35	70	186.644	0.194	0.6	0.2499	0.0000	SURCHARGED
120 minute summer	FC36	70	186.643	0.193	0.6	0.2497	0.0000	SURCHARGED
120 minute summer	FC37	72	186.111	0.311	0.9	0.4204	0.0000	SURCHARGED
120 minute summer	FC38	78	185.492	0.042	0.5	0.5066	0.0000	OK
120 minute summer	FC39	68	185.581	0.131	0.5	0.1637	0.0000	SURCHARGED
120 minute summer	FC40	70	185.693	0.193	0.6	0.2495	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC33	35.000	S12	0.4	0.797	0.030	0.0029	
120 minute summer	FC33	Infiltration		0.0				0.0
120 minute summer	FC34	36.000	J30	0.4	0.445	0.069	0.0046	
120 minute summer	FC34	Infiltration		0.0				0.0
120 minute summer	FC35	37.000	J31	0.4	0.802	0.030	0.0028	
120 minute summer	FC35	Infiltration		0.0				0.0
120 minute summer	FC36	38.000	J32	0.4	0.841	0.028	0.0026	
120 minute summer	FC36	Infiltration		0.0				0.0
120 minute summer	FC37	39.000	J33	0.5	0.618	0.062	0.0058	
120 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.2	0.565	0.014	0.0015	
120 minute summer	FC38	Infiltration		0.0				0.0
120 minute summer	FC39	41.000	J35	0.4	0.761	0.024	0.0020	
120 minute summer	FC39	Infiltration		0.0				0.0
120 minute summer	FC40	42.000	J36	0.4	0.988	0.023	0.0022	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC41	70	185.045	0.195	0.6	0.2511	0.0000	SURCHARGED
120 minute summer	FC42	70	184.795	0.195	0.6	0.2522	0.0000	SURCHARGED
120 minute summer	FC43	70	184.795	0.195	0.6	0.2512	0.0000	SURCHARGED
120 minute summer	FC44	64	184.615	0.015	0.5	0.0190	0.0000	OK
120 minute summer	FC45	70	184.731	0.131	0.5	0.1638	0.0000	SURCHARGED
120 minute summer	FC46	72	185.014	0.314	0.9	0.4239	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	70	184.994	0.194	0.6	0.2499	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC40	Infiltration		0.0				0.0
120 minute summer	FC41	43.000	J37	0.4	0.646	0.041	0.0033	
120 minute summer	FC41	Infiltration		0.0				0.0
120 minute summer	FC42	44.000	J38	0.4	0.564	0.050	0.0038	
120 minute summer	FC42	Infiltration		0.0				0.0
120 minute summer	FC43	45.000	J39	0.4	0.639	0.041	0.0029	
120 minute summer	FC43	Infiltration		0.0				0.0
120 minute summer	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
120 minute summer	FC44	Infiltration		0.0				0.0
120 minute summer	FC45	47.000	S10	0.3	0.708	0.027	0.0023	
120 minute summer	FC45	Infiltration		0.0				0.0
120 minute summer	FC46	48.000	S20	0.5	0.457	0.092	0.0072	
120 minute summer	FC46	Infiltration		0.0				0.0
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0030	
120 minute summer	FC48	50.000	J42	0.4	0.541	0.031	0.0059	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC49	70	184.998	0.198	0.6	0.2550	0.0000	SURCHARGED
120 minute summer	FC50	70	184.998	0.197	0.6	0.2550	0.0000	SURCHARGED
120 minute summer	FC51	70	185.047	0.197	0.6	0.2549	0.0000	SURCHARGED
120 minute summer	FC52	70	185.445	0.195	0.6	0.2513	0.0000	SURCHARGED
120 minute summer	FC53	70	185.445	0.195	0.6	0.2518	0.0000	SURCHARGED
120 minute summer	FC54	70	185.382	0.131	0.5	0.1645	0.0000	SURCHARGED
120 minute summer	FC55	68	185.381	0.131	0.5	0.1637	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC48	Infiltration		0.0				0.0
120 minute summer	FC49	51.000	S21	0.4	0.431	0.072	0.0043	
120 minute summer	FC49	Infiltration		0.0				0.0
120 minute summer	FC50	52.000	J43	0.4	0.431	0.072	0.0046	
120 minute summer	FC50	Infiltration		0.0				0.0
120 minute summer	FC51	55.000	S22	0.4	0.433	0.072	0.0061	
120 minute summer	FC51	Infiltration		0.0				0.0
120 minute summer	FC52	58.000	S23	0.4	0.629	0.043	0.0037	
120 minute summer	FC52	Infiltration		0.0				0.0
120 minute summer	FC53	61.000	J50	0.4	0.592	0.046	0.0031	
120 minute summer	FC53	Infiltration		0.0				0.0
120 minute summer	FC54	62.000	J51	0.3	0.618	0.032	0.0022	
120 minute summer	FC54	Infiltration		0.0				0.0
120 minute summer	FC55	64.000	J53	0.4	0.778	0.023	0.0019	
120 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC56	68	185.481	0.131	0.5	0.1637	0.0000	SURCHARGED
120 minute summer	FC57	68	185.481	0.131	0.5	0.1637	0.0000	SURCHARGED
120 minute summer	FC58	68	185.481	0.131	0.5	0.1638	0.0000	SURCHARGED
120 minute summer	FC59	70	185.481	0.131	0.5	0.1640	0.0000	SURCHARGED
120 minute summer	FC60	70	185.544	0.194	0.6	0.2505	0.0000	SURCHARGED
120 minute summer	FC61	70	185.495	0.195	0.6	0.2521	0.0000	SURCHARGED
120 minute summer	FC62	72	185.562	0.312	0.9	0.4215	0.0000	SURCHARGED
120 minute summer	FC63	70	185.534	0.134	0.5	0.1675	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC56	53.000	J44	0.4	0.801	0.023	0.0029	
120 minute summer	FC56	Infiltration		0.0				0.0
120 minute summer	FC57	54.000	J45	0.4	0.753	0.025	0.0030	
120 minute summer	FC57	Infiltration		0.0				0.0
120 minute summer	FC58	56.000	J46	0.4	0.723	0.026	0.0030	
120 minute summer	FC58	Infiltration		0.0				0.0
120 minute summer	FC59	57.000	J47	0.3	0.671	0.029	0.0033	
120 minute summer	FC59	Infiltration		0.0				0.0
120 minute summer	FC60	59.000	J48	0.4	0.707	0.036	0.0040	
120 minute summer	FC60	Infiltration		0.0				0.0
120 minute summer	FC61	60.000	J49	0.4	0.567	0.050	0.0056	
120 minute summer	FC61	Infiltration		0.0				0.0
120 minute summer	FC62	63.000	J52	0.5	0.560	0.072	0.0092	
120 minute summer	FC62	Infiltration		0.0				0.0
120 minute summer	FC63	65.000	S26	0.3	0.329	0.059	0.0031	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC64	70	185.287	0.137	0.5	0.1716	0.0000	SURCHARGED
120 minute summer	FC65	70	185.345	0.195	0.6	0.2513	0.0000	SURCHARGED
120 minute summer	FC66	70	185.197	0.197	0.6	0.2538	0.0000	SURCHARGED
120 minute summer	FC67	78	184.847	0.047	0.5	0.4821	0.0000	OK
120 minute summer	FC68	70	184.682	0.132	0.5	0.1654	0.0000	SURCHARGED
120 minute summer	J1	64	188.246	0.046	3.2	0.0681	0.0000	OK
120 minute summer	J2	64	188.119	0.063	3.6	0.0710	0.0000	OK
120 minute summer	J3	64	188.107	0.057	4.0	0.0642	0.0000	OK
120 minute summer	J4	66	188.079	0.040	4.3	0.0449	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC63	Infiltration		0.0				0.0
120 minute summer	FC64	66.000	J54	0.4	0.217	0.062	0.0052	
120 minute summer	FC64	Infiltration		0.0				0.0
120 minute summer	FC65	67.000	J55	0.4	0.295	0.044	0.0040	
120 minute summer	FC65	Infiltration		0.0				0.0
120 minute summer	FC66	68.000	S24	0.4	0.485	0.059	0.0019	
120 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012	
120 minute summer	FC67	Infiltration		0.0				0.0
120 minute summer	FC68	70.000	J57	0.3	0.537	0.039	0.0015	
120 minute summer	FC68	Infiltration		0.0				0.0
120 minute summer	J1	1.001	J2	3.2	0.941	0.383	0.0170	
120 minute summer	J2	1.002	J3	3.6	0.543	0.264	0.0068	
120 minute summer	J3	1.003	J4	4.0	0.824	0.303	0.0096	
120 minute summer	J4	1.004	J5	4.3	1.253	0.127	0.0123	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J5	66	187.946	0.036	4.7	0.0405	0.0000	OK
120 minute summer	J6	66	187.701	0.050	5.1	0.0571	0.0000	OK
120 minute summer	J7	66	187.587	0.062	5.4	0.0698	0.0000	OK
120 minute summer	J8	66	187.560	0.039	5.9	0.0441	0.0000	OK
120 minute summer	J9	66	187.340	0.065	6.2	0.0735	0.0000	OK
120 minute summer	J10	66	187.308	0.037	6.7	0.0424	0.0000	OK
120 minute summer	J11	68	187.173	0.052	7.1	0.0587	0.0000	OK
120 minute summer	J12	66	186.875	0.066	10.6	0.0745	0.0000	OK
120 minute summer	J13	66	186.732	0.105	10.8	0.1182	0.0000	OK
120 minute summer	J14	66	186.720	0.098	11.1	0.1110	0.0000	OK
120 minute summer	J15	66	186.704	0.087	11.5	0.0987	0.0000	OK
120 minute summer	J16	66	186.672	0.067	11.8	0.0753	0.0000	OK
120 minute summer	J17	66	186.329	0.046	12.1	0.0524	0.0000	OK
120 minute summer	J18	66	186.186	0.061	14.1	0.0694	0.0000	OK
120 minute summer	J19	66	186.134	0.107	14.5	0.1210	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J5	1.005	J6	4.8	1.138	0.124	0.0239	
120 minute summer	J6	1.006	J7	5.1	1.090	0.179	0.0092	
120 minute summer	J7	1.007	J8	5.5	0.840	0.177	0.0076	
120 minute summer	J8	1.008	J9	5.8	0.844	0.066	0.0595	
120 minute summer	J9	1.009	J10	6.2	0.911	0.185	0.0083	
120 minute summer	J10	1.010	J11	6.7	1.213	0.052	0.0137	
120 minute summer	J11	1.011	S2	7.1	0.630	0.110	0.0617	
120 minute summer	J12	1.013	J13	10.6	1.166	0.158	0.0588	
120 minute summer	J13	1.014	J14	10.8	0.516	0.190	0.0397	
120 minute summer	J14	1.015	J15	11.1	0.601	0.197	0.0355	
120 minute summer	J15	1.016	J16	11.5	0.804	0.215	0.0733	
120 minute summer	J16	1.017	J17	11.8	1.118	0.083	0.0355	
120 minute summer	J17	1.018	S3	12.1	0.991	0.039	0.0238	
120 minute summer	J18	1.020	J19	14.1	0.874	0.049	0.0245	
120 minute summer	J19	1.021	S4	14.5	0.716	0.263	0.0892	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J20	64	186.078	0.047	2.4	0.0529	0.0000	OK
120 minute summer	J21	64	186.057	0.048	2.8	0.0544	0.0000	OK
120 minute summer	J22	66	186.018	0.055	3.1	0.0617	0.0000	OK
120 minute summer	J23	66	185.995	0.053	3.3	0.0604	0.0000	OK
120 minute summer	J24	66	185.890	0.073	5.4	0.0820	0.0000	OK
120 minute summer	J25	66	185.874	0.078	5.8	0.0886	0.0000	OK
120 minute summer	J26	66	185.862	0.083	6.2	0.0942	0.0000	OK
120 minute summer	J27	66	185.822	0.086	8.4	0.0977	0.0000	OK
120 minute summer	J28	64	186.399	0.043	2.1	0.0483	0.0000	OK
120 minute summer	J29	64	186.319	0.048	2.4	0.0539	0.0000	OK
120 minute summer	J30	64	186.216	0.069	5.0	0.0775	0.0000	OK
120 minute summer	J31	66	186.111	0.067	5.3	0.0761	0.0000	OK
120 minute summer	J32	66	186.075	0.064	5.7	0.0726	0.0000	OK
120 minute summer	J33	66	185.577	0.042	7.9	0.0474	0.0000	OK
120 minute summer	J34	64	185.205	0.080	10.0	0.0910	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J20	23.002	J21	2.4	0.497	0.176	0.0180	
120 minute summer	J21	23.003	J22	2.7	0.519	0.205	0.0425	
120 minute summer	J22	23.004	J23	3.1	0.553	0.233	0.0205	
120 minute summer	J23	23.005	S18	3.3	0.613	0.248	0.0407	
120 minute summer	J24	23.007	J25	5.4	0.468	0.180	0.0720	
120 minute summer	J25	23.008	J26	5.8	0.455	0.193	0.0636	
120 minute summer	J26	23.009	S19	6.3	0.461	0.205	0.0505	
120 minute summer	J27	23.011	S4	8.4	0.660	0.282	0.0305	
120 minute summer	J28	32.001	J29	2.1	0.616	0.357	0.0303	
120 minute summer	J29	32.002	S12	2.4	0.688	0.407	0.0164	
120 minute summer	J30	32.004	J31	4.9	0.665	0.372	0.0370	
120 minute summer	J31	32.005	J32	5.3	0.553	0.177	0.0939	
120 minute summer	J32	32.006	S13	5.8	0.795	0.191	0.0387	
120 minute summer	J33	32.008	S14	7.9	0.958	0.076	0.0768	
120 minute summer	J34	32.010	J35	9.9	1.017	0.258	0.0890	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J35	66	185.128	0.053	10.3	0.0594	0.0000	OK
120 minute summer	J36	66	184.960	0.085	10.7	0.0964	0.0000	OK
120 minute summer	J37	66	184.588	0.088	13.0	0.0994	0.0000	OK
120 minute summer	J38	66	184.415	0.115	15.2	0.1304	0.0000	OK
120 minute summer	J39	66	184.380	0.106	15.7	0.1196	0.0000	OK
120 minute summer	J40	66	184.353	0.088	16.1	0.0991	0.0000	OK
120 minute summer	J41	72	184.618	0.021	0.5	0.0232	0.0000	OK
120 minute summer	J42	72	184.565	0.028	1.0	0.0320	0.0000	OK
120 minute summer	J43	66	184.434	0.054	2.8	0.0611	0.0000	OK
120 minute summer	J44	68	184.422	0.052	3.1	0.0585	0.0000	OK
120 minute summer	J45	68	184.377	0.057	3.5	0.0647	0.0000	OK
120 minute summer	J46	68	184.303	0.081	5.3	0.0921	0.0000	OK
120 minute summer	J47	68	184.297	0.090	5.6	0.1022	0.0000	OK
120 minute summer	J48	68	184.284	0.090	7.5	0.1017	0.0000	OK
120 minute summer	J49	68	184.271	0.102	7.9	0.1153	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J35	32.011	J36	10.3	1.002	0.116	0.0715	
120 minute summer	J36	32.012	S15	10.7	0.974	0.358	0.0263	
120 minute summer	J37	32.014	S16	13.0	1.076	0.235	0.0639	
120 minute summer	J38	32.016	J39	15.3	0.649	0.283	0.2547	
120 minute summer	J39	32.017	J40	15.7	0.802	0.287	0.0718	
120 minute summer	J40	32.018	S10	16.2	0.998	0.162	0.1551	
120 minute summer	J41	48.002	J42	0.5	0.371	0.092	0.0092	
120 minute summer	J42	48.003	S21	1.0	0.548	0.165	0.0146	
120 minute summer	J43	48.005	J44	2.8	0.506	0.201	0.0089	
120 minute summer	J44	48.006	J45	3.1	0.546	0.236	0.0507	
120 minute summer	J45	48.007	S22	3.5	0.606	0.258	0.0137	
120 minute summer	J46	48.009	J47	5.3	0.383	0.172	0.0586	
120 minute summer	J47	48.010	S23	5.6	0.369	0.187	0.0404	
120 minute summer	J48	48.012	J49	7.5	0.470	0.251	0.1202	
120 minute summer	J49	48.013	J50	7.9	0.469	0.259	0.0193	

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J50	68	184.263	0.098	8.4	0.1106	0.0000	OK
120 minute summer	J51	68	184.250	0.102	8.7	0.1154	0.0000	OK
120 minute summer	J52	68	184.239	0.095	9.2	0.1079	0.0000	OK
120 minute summer	J53	68	184.218	0.091	9.6	0.1027	0.0000	OK
120 minute summer	J54	64	185.173	0.044	2.1	0.0503	0.0000	OK
120 minute summer	J55	64	185.135	0.041	2.5	0.0464	0.0000	OK
120 minute summer	J56	66	184.121	0.114	13.7	0.1294	0.0000	OK
120 minute summer	J57	66	184.100	0.115	14.0	0.1304	0.0000	OK
120 minute summer	BASIN 1	126	185.416	0.491	24.9	49.3956	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.685	0.385	2.5	37.2566	0.0000	OK
120 minute summer	BASIN 3	360	182.741	-0.359	21.0	50.7276	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J50	48.014	J51	8.4	0.492	0.280	0.0863	
120 minute summer	J51	48.015	J52	8.7	0.520	0.284	0.0190	
120 minute summer	J52	48.016	J53	9.2	0.596	0.303	0.0756	
120 minute summer	J53	48.017	S24	9.6	0.694	0.317	0.1416	
120 minute summer	J54	65.002	J55	2.1	0.659	0.355	0.0116	
120 minute summer	J55	65.003	S24	2.5	0.842	0.325	0.0231	
120 minute summer	J56	48.019	J57	13.6	0.550	0.252	0.2253	
120 minute summer	J57	48.020	S25	14.0	0.581	0.257	0.1480	
120 minute summer	BASIN 1	1.023	S5	2.4	0.266	0.029	0.9418	
120 minute summer	BASIN 1	Infiltration		0.1				2.0
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
120 minute summer	BASIN 2	71.000	BH1	1.6	0.558	0.264	0.1829	
120 minute summer	BASIN 2	Infiltration		0.0				0.0
120 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	BASIN 4	152	183.482	0.152	17.3	43.1240	0.0000	OK
120 minute summer	SWALE 1	126	184.918	0.044	2.4	0.0630	0.0000	OK
120 minute summer	SWALE 2	2	184.375	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.093	0.098	18.4	0.1407	0.0000	OK
120 minute summer	BH1	360	184.685	0.608	1.6	2.5660	0.0000	OK
120 minute summer	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute summer	BH3	154	183.482	0.163	3.2	2.3658	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	BASIN 4	48.022	BH3	3.2	0.521	0.060	0.1705	
120 minute summer	BASIN 4	Infiltration		0.0				0.0
120 minute summer	SWALE 1	1.025	S6	2.4	0.338	0.029	0.2660	
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
120 minute summer	SWALE 3	1.033	BASIN 3	18.4	0.814	0.147	0.9742	
120 minute summer	BH1	Infiltration		0.1				1.7
120 minute summer	BH2	Infiltration		0.0				0.0
120 minute summer	BH3	Infiltration		0.2				3.3

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.392	0.022	0.9	0.0320	0.0000	OK
120 minute winter	S2	66	187.122	0.083	7.8	0.1439	0.0000	OK
120 minute winter	S3	66	186.218	0.081	10.6	0.1074	0.0000	OK
120 minute winter	S4	66	185.445	0.067	18.6	0.0858	0.0000	OK
120 minute winter	S5	124	185.416	0.506	2.4	0.7239	0.0000	SURCHARGED
120 minute winter	S6	126	184.851	0.043	2.4	0.0611	0.0000	OK
120 minute winter	S7	2	184.759	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.330	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	66	184.170	0.045	0.1	0.0649	0.0000	OK
120 minute winter	S10	66	184.170	0.057	13.8	0.1044	0.0000	OK
120 minute winter	S11	66	186.432	0.032	1.2	0.0504	0.0000	OK
120 minute winter	S12	66	186.231	0.055	3.3	0.0817	0.0000	OK
120 minute winter	S13	66	186.030	0.037	5.5	0.0554	0.0000	OK
120 minute winter	S14	66	185.239	0.064	7.3	0.1014	0.0000	OK
120 minute winter	S15	66	184.918	0.051	9.5	0.0806	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S1	1.000	J1	0.9	0.477	0.103	0.0159	
120 minute winter	S2	1.012	J12	7.8	0.643	0.260	0.0181	
120 minute winter	S3	1.019	J18	10.6	0.924	0.199	0.0596	
120 minute winter	S4	1.022	BASIN 1	18.6	1.089	0.111	0.6749	
120 minute winter	S5	1.024	SWALE 1	2.4	0.332	0.029	0.1459	
120 minute winter	S6	1.026	BASIN 2	2.4	0.404	0.027	0.0340	
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0453	
120 minute winter	S9	1.031	S10	-0.1	-0.054	-0.001	0.0606	
120 minute winter	S10	1.032	SWALE 3	13.8	0.954	0.042	0.0637	
120 minute winter	S11	32.000	J28	1.2	0.527	0.202	0.0104	
120 minute winter	S12	32.003	J30	3.3	0.544	0.246	0.0307	
120 minute winter	S13	32.007	J33	5.5	1.306	0.056	0.0547	
120 minute winter	S14	32.009	J34	7.3	0.742	0.144	0.0517	
120 minute winter	S15	32.013	J37	9.5	1.451	0.102	0.0609	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.528	0.041	11.2	0.0622	0.0000	OK
120 minute winter	S17	66	186.185	0.035	1.5	0.0559	0.0000	OK
120 minute winter	S18	66	185.887	0.063	3.9	0.0934	0.0000	OK
120 minute winter	S19	66	185.840	0.074	6.1	0.1060	0.0000	OK
120 minute winter	S20	76	184.662	0.020	0.5	0.0223	0.0000	OK
120 minute winter	S21	68	184.450	0.041	1.9	0.0544	0.0000	OK
120 minute winter	S22	68	184.298	0.067	4.0	0.0868	0.0000	OK
120 minute winter	S23	68	184.279	0.081	5.6	0.1049	0.0000	OK
120 minute winter	S24	70	184.121	0.104	10.8	0.1370	0.0000	OK
120 minute winter	S25	70	184.068	0.098	12.1	0.1350	0.0000	OK
120 minute winter	S26	66	185.401	0.024	1.3	0.0350	0.0000	OK
120 minute winter	FC1	72	188.394	0.144	0.4	0.1856	0.0000	SURCHARGED
120 minute winter	FC2	72	188.294	0.144	0.4	0.1864	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S16	32.015	J38	11.2	0.900	0.035	0.0300	
120 minute winter	S17	23.001	J20	1.5	0.611	0.246	0.0171	
120 minute winter	S18	23.006	J24	3.9	0.430	0.121	0.0164	
120 minute winter	S19	23.010	J27	6.1	0.534	0.203	0.1014	
120 minute winter	S20	48.001	J41	0.5	0.446	0.080	0.0049	
120 minute winter	S21	48.004	J43	1.9	0.444	0.145	0.0223	
120 minute winter	S22	48.008	J46	4.0	0.392	0.126	0.0246	
120 minute winter	S23	48.011	J48	5.6	0.451	0.183	0.0140	
120 minute winter	S24	48.018	J56	10.8	0.508	0.201	0.0900	
120 minute winter	S25	48.021	BASIN 4	12.1	0.678	0.227	0.0687	
120 minute winter	S26	65.001	J54	1.3	0.635	0.122	0.0173	
120 minute winter	FC1	2.000	J1	0.4	0.270	0.058	0.0082	
120 minute winter	FC1	Infiltration		0.0				0.0
120 minute winter	FC2	3.000	J2	0.4	0.412	0.061	0.0040	
120 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC3	74	188.441	0.241	0.6	0.3251	0.0000	SURCHARGED
120 minute winter	FC4	74	188.293	0.093	0.3	0.1169	0.0000	OK
120 minute winter	FC5	72	188.144	0.144	0.4	0.1865	0.0000	SURCHARGED
120 minute winter	FC6	74	187.943	0.093	0.3	0.1159	0.0000	OK
120 minute winter	FC7	74	187.844	0.094	0.3	0.1172	0.0000	OK
120 minute winter	FC8	72	187.892	0.142	0.4	0.1827	0.0000	SURCHARGED
120 minute winter	FC9	74	187.565	0.095	0.3	0.1185	0.0000	OK
120 minute winter	FC10	74	187.710	0.240	0.6	0.3246	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC3	4.000	J3	0.5	0.466	0.076	0.0096	
120 minute winter	FC3	Infiltration		0.0				0.0
120 minute winter	FC4	5.000	J4	0.3	0.453	0.038	0.0046	
120 minute winter	FC4	Infiltration		0.0				0.0
120 minute winter	FC5	6.000	J5	0.4	0.410	0.061	0.0036	
120 minute winter	FC5	Infiltration		0.0				0.0
120 minute winter	FC6	7.000	J6	0.3	0.504	0.033	0.0042	
120 minute winter	FC6	Infiltration		0.0				0.0
120 minute winter	FC7	8.000	J7	0.3	0.438	0.040	0.0047	
120 minute winter	FC7	Infiltration		0.0				0.0
120 minute winter	FC8	9.000	J8	0.4	0.575	0.038	0.0026	
120 minute winter	FC8	Infiltration		0.0				0.0
120 minute winter	FC9	10.000	J9	0.3	0.387	0.048	0.0053	
120 minute winter	FC9	Infiltration		0.0				0.0
120 minute winter	FC10	11.000	J10	0.5	0.484	0.072	0.0061	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC11	72	187.464	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC12	72	187.374	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC13	72	187.144	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC14	88	186.952	0.052	0.4	0.6596	0.0000	OK
120 minute winter	FC15	74	187.292	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC16	74	186.994	0.094	0.3	0.1180	0.0000	OK
120 minute winter	FC17	74	187.092	0.092	0.3	0.1145	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC10	Infiltration		0.0				0.0
120 minute winter	FC11	12.000	J11	0.4	0.413	0.061	0.0068	
120 minute winter	FC11	Infiltration		0.0				0.0
120 minute winter	FC12	13.000	S2	0.4	0.413	0.061	0.0060	
120 minute winter	FC12	Infiltration		0.0				0.0
120 minute winter	FC13	14.000	J12	0.4	0.414	0.061	0.0060	
120 minute winter	FC13	Infiltration		0.0				0.0
120 minute winter	FC14	15.000	J13	0.2	0.348	0.034	0.0043	
120 minute winter	FC14	Infiltration		0.0				0.0
120 minute winter	FC15	16.000	J14	0.3	0.816	0.017	0.0016	
120 minute winter	FC15	Infiltration		0.0				0.0
120 minute winter	FC16	17.000	J15	0.3	0.404	0.045	0.0054	
120 minute winter	FC16	Infiltration		0.0				0.0
120 minute winter	FC17	18.000	J16	0.3	0.639	0.023	0.0022	
120 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC18	74	186.645	0.095	0.3	0.1186	0.0000	OK
120 minute winter	FC19	72	186.544	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC20	72	187.090	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC21	72	186.444	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC22	82	186.494	0.044	0.3	0.4282	0.0000	OK
120 minute winter	FC23	74	186.392	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC24	72	186.440	0.140	0.4	0.1809	0.0000	SURCHARGED
120 minute winter	FC25	72	186.690	0.140	0.4	0.1808	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC18	19.000	J17	0.3	0.385	0.048	0.0052	
120 minute winter	FC18	Infiltration		0.0				0.0
120 minute winter	FC19	20.000	S3	0.4	0.412	0.061	0.0058	
120 minute winter	FC19	Infiltration		0.0				0.0
120 minute winter	FC20	21.000	J18	0.4	0.826	0.023	0.0019	
120 minute winter	FC20	Infiltration		0.0				0.0
120 minute winter	FC21	22.000	J19	0.4	0.412	0.061	0.0067	
120 minute winter	FC21	Infiltration		0.0				0.0
120 minute winter	FC22	23.000	S17	0.2	0.380	0.012	0.0064	
120 minute winter	FC22	Infiltration		0.0				0.0
120 minute winter	FC23	24.000	J20	0.3	0.676	0.022	0.0019	
120 minute winter	FC23	Infiltration		0.0				0.0
120 minute winter	FC24	25.000	J21	0.4	0.747	0.026	0.0023	
120 minute winter	FC24	Infiltration		0.0				0.0
120 minute winter	FC25	26.000	J22	0.4	0.820	0.023	0.0021	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC26	82	186.493	0.043	0.3	0.4369	0.0000	OK
120 minute winter	FC27	74	186.592	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC28	72	186.640	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC29	72	186.640	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC30	72	186.890	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC31	74	186.542	0.092	0.3	0.1155	0.0000	OK
120 minute winter	FC32	74	186.542	0.092	0.3	0.1145	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC25	Infiltration		0.0				0.0
120 minute winter	FC26	27.000	J23	0.2	0.591	0.014	0.0014	
120 minute winter	FC26	Infiltration		0.0				0.0
120 minute winter	FC27	28.000	J24	0.3	0.947	0.013	0.0014	
120 minute winter	FC27	Infiltration		0.0				0.0
120 minute winter	FC28	29.000	J25	0.4	0.825	0.023	0.0019	
120 minute winter	FC28	Infiltration		0.0				0.0
120 minute winter	FC29	30.000	J26	0.4	0.802	0.024	0.0021	
120 minute winter	FC29	Infiltration		0.0				0.0
120 minute winter	FC30	31.000	J27	0.4	0.770	0.025	0.0021	
120 minute winter	FC30	Infiltration		0.0				0.0
120 minute winter	FC31	33.000	J28	0.3	0.246	0.032	0.0062	
120 minute winter	FC31	Infiltration		0.0				0.0
120 minute winter	FC32	34.000	J29	0.3	0.213	0.023	0.0068	
120 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC33	72	186.590	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC34	72	186.594	0.144	0.4	0.1860	0.0000	SURCHARGED
120 minute winter	FC35	72	186.590	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC36	72	186.590	0.140	0.4	0.1808	0.0000	SURCHARGED
120 minute winter	FC37	74	186.038	0.238	0.6	0.3220	0.0000	SURCHARGED
120 minute winter	FC38	82	185.490	0.040	0.3	0.4742	0.0000	OK
120 minute winter	FC39	74	185.542	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC40	72	185.640	0.140	0.4	0.1808	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC33	35.000	S12	0.4	0.757	0.026	0.0020	
120 minute winter	FC33	Infiltration		0.0				0.0
120 minute winter	FC34	36.000	J30	0.4	0.424	0.058	0.0041	
120 minute winter	FC34	Infiltration		0.0				0.0
120 minute winter	FC35	37.000	J31	0.4	0.762	0.025	0.0024	
120 minute winter	FC35	Infiltration		0.0				0.0
120 minute winter	FC36	38.000	J32	0.4	0.799	0.024	0.0023	
120 minute winter	FC36	Infiltration		0.0				0.0
120 minute winter	FC37	39.000	J33	0.5	0.594	0.054	0.0053	
120 minute winter	FC37	Infiltration		0.0				0.0
120 minute winter	FC38	40.000	J34	0.2	0.557	0.014	0.0014	
120 minute winter	FC38	Infiltration		0.0				0.0
120 minute winter	FC39	41.000	J35	0.3	0.717	0.020	0.0018	
120 minute winter	FC39	Infiltration		0.0				0.0
120 minute winter	FC40	42.000	J36	0.4	0.938	0.019	0.0020	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC41	72	184.991	0.141	0.4	0.1821	0.0000	SURCHARGED
120 minute winter	FC42	72	184.742	0.142	0.4	0.1834	0.0000	SURCHARGED
120 minute winter	FC43	72	184.741	0.141	0.4	0.1822	0.0000	SURCHARGED
120 minute winter	FC44	60	184.612	0.012	0.3	0.0148	0.0000	OK
120 minute winter	FC45	74	184.692	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC46	74	184.941	0.241	0.6	0.3257	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	72	184.940	0.140	0.4	0.1808	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC40	Infiltration		0.0				0.0
120 minute winter	FC41	43.000	J37	0.4	0.615	0.034	0.0030	
120 minute winter	FC41	Infiltration		0.0				0.0
120 minute winter	FC42	44.000	J38	0.4	0.536	0.042	0.0033	
120 minute winter	FC42	Infiltration		0.0				0.0
120 minute winter	FC43	45.000	J39	0.4	0.608	0.035	0.0026	
120 minute winter	FC43	Infiltration		0.0				0.0
120 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
120 minute winter	FC44	Infiltration		0.0				0.0
120 minute winter	FC45	47.000	S10	0.3	0.668	0.022	0.0020	
120 minute winter	FC45	Infiltration		0.0				0.0
120 minute winter	FC46	48.000	S20	0.5	0.440	0.080	0.0065	
120 minute winter	FC46	Infiltration		0.0				0.0
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
120 minute winter	FC48	50.000	J42	0.4	0.541	0.026	0.0052	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC49	72	184.944	0.144	0.4	0.1864	0.0000	SURCHARGED
120 minute winter	FC50	72	184.944	0.144	0.4	0.1864	0.0000	SURCHARGED
120 minute winter	FC51	72	184.994	0.144	0.4	0.1863	0.0000	SURCHARGED
120 minute winter	FC52	72	185.391	0.141	0.4	0.1823	0.0000	SURCHARGED
120 minute winter	FC53	72	185.392	0.142	0.4	0.1829	0.0000	SURCHARGED
120 minute winter	FC54	74	185.342	0.092	0.3	0.1148	0.0000	OK
120 minute winter	FC55	74	185.342	0.092	0.3	0.1145	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC48	Infiltration		0.0				0.0
120 minute winter	FC49	51.000	S21	0.4	0.410	0.061	0.0038	
120 minute winter	FC49	Infiltration		0.0				0.0
120 minute winter	FC50	52.000	J43	0.4	0.411	0.061	0.0041	
120 minute winter	FC50	Infiltration		0.0				0.0
120 minute winter	FC51	55.000	S22	0.4	0.412	0.061	0.0054	
120 minute winter	FC51	Infiltration		0.0				0.0
120 minute winter	FC52	58.000	S23	0.4	0.598	0.036	0.0033	
120 minute winter	FC52	Infiltration		0.0				0.0
120 minute winter	FC53	61.000	J50	0.4	0.563	0.039	0.0027	
120 minute winter	FC53	Infiltration		0.0				0.0
120 minute winter	FC54	62.000	J51	0.3	0.582	0.027	0.0020	
120 minute winter	FC54	Infiltration		0.0				0.0
120 minute winter	FC55	64.000	J53	0.3	0.733	0.019	0.0016	
120 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC56	74	185.442	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC57	74	185.442	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC58	74	185.442	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC59	74	185.442	0.092	0.3	0.1145	0.0000	OK
120 minute winter	FC60	72	185.491	0.141	0.4	0.1815	0.0000	SURCHARGED
120 minute winter	FC61	72	185.442	0.142	0.4	0.1833	0.0000	SURCHARGED
120 minute winter	FC62	74	185.489	0.239	0.6	0.3232	0.0000	SURCHARGED
120 minute winter	FC63	74	185.495	0.095	0.3	0.1183	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC56	53.000	J44	0.3	0.755	0.018	0.0025	
120 minute winter	FC56	Infiltration		0.0				0.0
120 minute winter	FC57	54.000	J45	0.3	0.709	0.020	0.0026	
120 minute winter	FC57	Infiltration		0.0				0.0
120 minute winter	FC58	56.000	J46	0.3	0.681	0.021	0.0026	
120 minute winter	FC58	Infiltration		0.0				0.0
120 minute winter	FC59	57.000	J47	0.3	0.632	0.024	0.0029	
120 minute winter	FC59	Infiltration		0.0				0.0
120 minute winter	FC60	59.000	J48	0.4	0.670	0.031	0.0036	
120 minute winter	FC60	Infiltration		0.0				0.0
120 minute winter	FC61	60.000	J49	0.4	0.539	0.042	0.0050	
120 minute winter	FC61	Infiltration		0.0				0.0
120 minute winter	FC62	63.000	J52	0.5	0.538	0.062	0.0083	
120 minute winter	FC62	Infiltration		0.0				0.0
120 minute winter	FC63	65.000	S26	0.3	0.304	0.048	0.0025	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC64	74	185.245	0.095	0.3	0.1189	0.0000	OK
120 minute winter	FC65	72	185.291	0.141	0.4	0.1824	0.0000	SURCHARGED
120 minute winter	FC66	72	185.143	0.143	0.4	0.1851	0.0000	SURCHARGED
120 minute winter	FC67	82	184.843	0.043	0.3	0.4461	0.0000	OK
120 minute winter	FC68	74	184.643	0.093	0.3	0.1160	0.0000	OK
120 minute winter	J1	68	188.237	0.037	2.1	0.0542	0.0000	OK
120 minute winter	J2	68	188.108	0.052	2.5	0.0591	0.0000	OK
120 minute winter	J3	68	188.098	0.048	3.0	0.0546	0.0000	OK
120 minute winter	J4	68	188.073	0.034	3.2	0.0382	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC63	Infiltration		0.0				0.0
120 minute winter	FC64	66.000	J54	0.3	0.199	0.048	0.0038	
120 minute winter	FC64	Infiltration		0.0				0.0
120 minute winter	FC65	67.000	J55	0.4	0.280	0.037	0.0033	
120 minute winter	FC65	Infiltration		0.0				0.0
120 minute winter	FC66	68.000	S24	0.4	0.463	0.050	0.0017	
120 minute winter	FC66	Infiltration		0.0				0.0
120 minute winter	FC67	69.000	J56	0.2	0.329	0.030	0.0011	
120 minute winter	FC67	Infiltration		0.0				0.0
120 minute winter	FC68	70.000	J57	0.3	0.507	0.032	0.0013	
120 minute winter	FC68	Infiltration		0.0				0.0
120 minute winter	J1	1.001	J2	2.1	0.853	0.259	0.0126	
120 minute winter	J2	1.002	J3	2.5	0.483	0.185	0.0054	
120 minute winter	J3	1.003	J4	2.9	0.756	0.222	0.0077	
120 minute winter	J4	1.004	J5	3.2	1.156	0.094	0.0099	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J5	68	187.941	0.031	3.6	0.0351	0.0000	OK
120 minute winter	J6	68	187.693	0.043	3.8	0.0485	0.0000	OK
120 minute winter	J7	68	187.579	0.054	4.1	0.0606	0.0000	OK
120 minute winter	J8	70	187.555	0.034	4.6	0.0387	0.0000	OK
120 minute winter	J9	70	187.332	0.057	4.7	0.0643	0.0000	OK
120 minute winter	J10	70	187.303	0.033	5.2	0.0369	0.0000	OK
120 minute winter	J11	70	187.166	0.045	5.6	0.0511	0.0000	OK
120 minute winter	J12	68	186.866	0.057	8.1	0.0644	0.0000	OK
120 minute winter	J13	70	186.718	0.091	8.3	0.1028	0.0000	OK
120 minute winter	J14	70	186.708	0.086	8.6	0.0971	0.0000	OK
120 minute winter	J15	70	186.694	0.077	8.8	0.0867	0.0000	OK
120 minute winter	J16	70	186.663	0.058	9.1	0.0655	0.0000	OK
120 minute winter	J17	70	186.322	0.039	9.4	0.0445	0.0000	OK
120 minute winter	J18	66	186.176	0.051	10.9	0.0579	0.0000	OK
120 minute winter	J19	70	186.121	0.094	11.3	0.1060	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J5	1.005	J6	3.6	1.060	0.093	0.0192	
120 minute winter	J6	1.006	J7	3.8	1.017	0.135	0.0074	
120 minute winter	J7	1.007	J8	4.3	0.791	0.140	0.0062	
120 minute winter	J8	1.008	J9	4.5	0.780	0.050	0.0493	
120 minute winter	J9	1.009	J10	4.8	0.850	0.142	0.0068	
120 minute winter	J10	1.010	J11	5.2	1.149	0.040	0.0113	
120 minute winter	J11	1.011	S2	5.6	0.601	0.087	0.0508	
120 minute winter	J12	1.013	J13	8.1	1.089	0.121	0.0483	
120 minute winter	J13	1.014	J14	8.3	0.479	0.146	0.0328	
120 minute winter	J14	1.015	J15	8.6	0.557	0.152	0.0295	
120 minute winter	J15	1.016	J16	8.8	0.751	0.166	0.0607	
120 minute winter	J16	1.017	J17	9.1	1.047	0.064	0.0293	
120 minute winter	J17	1.018	S3	9.4	0.941	0.030	0.0195	
120 minute winter	J18	1.020	J19	10.9	0.835	0.038	0.0199	
120 minute winter	J19	1.021	S4	11.3	0.667	0.204	0.0744	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J20	66	186.070	0.039	1.7	0.0444	0.0000	OK
120 minute winter	J21	66	186.050	0.041	2.1	0.0464	0.0000	OK
120 minute winter	J22	66	186.010	0.047	2.4	0.0531	0.0000	OK
120 minute winter	J23	68	185.989	0.047	2.6	0.0526	0.0000	OK
120 minute winter	J24	66	185.879	0.062	4.1	0.0697	0.0000	OK
120 minute winter	J25	66	185.862	0.066	4.5	0.0750	0.0000	OK
120 minute winter	J26	66	185.850	0.071	4.8	0.0802	0.0000	OK
120 minute winter	J27	66	185.811	0.075	6.4	0.0846	0.0000	OK
120 minute winter	J28	66	186.391	0.035	1.5	0.0392	0.0000	OK
120 minute winter	J29	66	186.310	0.039	1.7	0.0445	0.0000	OK
120 minute winter	J30	66	186.204	0.057	3.6	0.0648	0.0000	OK
120 minute winter	J31	66	186.102	0.058	4.0	0.0651	0.0000	OK
120 minute winter	J32	66	186.067	0.056	4.3	0.0630	0.0000	OK
120 minute winter	J33	66	185.571	0.036	5.9	0.0412	0.0000	OK
120 minute winter	J34	66	185.194	0.069	7.5	0.0785	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J20	23.002	J21	1.7	0.457	0.128	0.0143	
120 minute winter	J21	23.003	J22	2.1	0.482	0.154	0.0345	
120 minute winter	J22	23.004	J23	2.4	0.516	0.178	0.0168	
120 minute winter	J23	23.005	S18	2.6	0.572	0.192	0.0338	
120 minute winter	J24	23.007	J25	4.1	0.444	0.137	0.0574	
120 minute winter	J25	23.008	J26	4.5	0.436	0.148	0.0508	
120 minute winter	J26	23.009	S19	4.8	0.441	0.157	0.0407	
120 minute winter	J27	23.011	S4	6.4	0.612	0.215	0.0251	
120 minute winter	J28	32.001	J29	1.5	0.559	0.248	0.0232	
120 minute winter	J29	32.002	S12	1.7	0.634	0.293	0.0128	
120 minute winter	J30	32.004	J31	3.6	0.615	0.273	0.0293	
120 minute winter	J31	32.005	J32	4.0	0.506	0.132	0.0761	
120 minute winter	J32	32.006	S13	4.3	0.733	0.143	0.0315	
120 minute winter	J33	32.008	S14	5.9	0.900	0.057	0.0613	
120 minute winter	J34	32.010	J35	7.5	0.945	0.194	0.0720	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J35	66	185.120	0.045	7.7	0.0505	0.0000	OK
120 minute winter	J36	66	184.949	0.074	8.1	0.0833	0.0000	OK
120 minute winter	J37	66	184.577	0.077	9.8	0.0868	0.0000	OK
120 minute winter	J38	66	184.399	0.099	11.5	0.1119	0.0000	OK
120 minute winter	J39	66	184.365	0.091	11.9	0.1029	0.0000	OK
120 minute winter	J40	66	184.340	0.075	12.2	0.0850	0.0000	OK
120 minute winter	J41	76	184.616	0.019	0.5	0.0217	0.0000	OK
120 minute winter	J42	74	184.563	0.026	0.8	0.0295	0.0000	OK
120 minute winter	J43	68	184.428	0.048	2.3	0.0542	0.0000	OK
120 minute winter	J44	68	184.416	0.046	2.6	0.0521	0.0000	OK
120 minute winter	J45	70	184.371	0.051	2.8	0.0575	0.0000	OK
120 minute winter	J46	68	184.291	0.069	4.2	0.0782	0.0000	OK
120 minute winter	J47	68	184.285	0.077	4.5	0.0876	0.0000	OK
120 minute winter	J48	68	184.271	0.077	6.0	0.0874	0.0000	OK
120 minute winter	J49	70	184.258	0.089	6.3	0.1003	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J35	32.011	J36	7.7	0.930	0.087	0.0579	
120 minute winter	J36	32.012	S15	8.1	0.901	0.269	0.0214	
120 minute winter	J37	32.014	S16	9.8	1.010	0.177	0.0516	
120 minute winter	J38	32.016	J39	11.5	0.602	0.213	0.2069	
120 minute winter	J39	32.017	J40	11.9	0.747	0.217	0.0581	
120 minute winter	J40	32.018	S10	12.1	0.925	0.122	0.1257	
120 minute winter	J41	48.002	J42	0.5	0.360	0.080	0.0083	
120 minute winter	J42	48.003	S21	0.8	0.525	0.142	0.0130	
120 minute winter	J43	48.005	J44	2.3	0.484	0.163	0.0076	
120 minute winter	J44	48.006	J45	2.6	0.519	0.191	0.0431	
120 minute winter	J45	48.007	S22	2.8	0.573	0.208	0.0117	
120 minute winter	J46	48.009	J47	4.2	0.377	0.137	0.0472	
120 minute winter	J47	48.010	S23	4.5	0.361	0.149	0.0330	
120 minute winter	J48	48.012	J49	6.0	0.450	0.199	0.0989	
120 minute winter	J49	48.013	J50	6.3	0.448	0.206	0.0160	

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J50	70	184.250	0.085	6.7	0.0962	0.0000	OK
120 minute winter	J51	70	184.238	0.090	6.9	0.1015	0.0000	OK
120 minute winter	J52	70	184.228	0.084	7.4	0.0952	0.0000	OK
120 minute winter	J53	70	184.208	0.081	7.7	0.0912	0.0000	OK
120 minute winter	J54	66	185.166	0.037	1.5	0.0420	0.0000	OK
120 minute winter	J55	66	185.129	0.035	1.9	0.0397	0.0000	OK
120 minute winter	J56	70	184.108	0.101	10.9	0.1137	0.0000	OK
120 minute winter	J57	70	184.087	0.102	11.2	0.1151	0.0000	OK
120 minute winter	BASIN 1	124	185.416	0.491	19.2	49.3516	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.684	0.384	2.5	37.1075	0.0000	OK
120 minute winter	BASIN 3	360	182.740	-0.360	15.6	50.4154	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J50	48.014	J51	6.7	0.468	0.223	0.0723	
120 minute winter	J51	48.015	J52	6.9	0.491	0.227	0.0161	
120 minute winter	J52	48.016	J53	7.4	0.564	0.243	0.0641	
120 minute winter	J53	48.017	S24	7.7	0.654	0.255	0.1208	
120 minute winter	J54	65.002	J55	1.5	0.602	0.259	0.0093	
120 minute winter	J55	65.003	S24	1.9	0.783	0.246	0.0188	
120 minute winter	J56	48.019	J57	10.9	0.523	0.201	0.1896	
120 minute winter	J57	48.020	S25	11.2	0.548	0.205	0.1251	
120 minute winter	BASIN 1	1.023	S5	2.4	0.247	0.029	0.9418	
120 minute winter	BASIN 1	Infiltration		0.1				2.0
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
120 minute winter	BASIN 2	71.000	BH1	1.5	0.572	0.259	0.1829	
120 minute winter	BASIN 2	Infiltration		0.0				0.0
120 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	BASIN 4	152	183.481	0.151	13.5	42.9756	0.0000	OK
120 minute winter	SWALE 1	126	184.918	0.044	2.4	0.0630	0.0000	OK
120 minute winter	SWALE 2	2	184.375	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	68	184.080	0.085	13.8	0.1213	0.0000	OK
120 minute winter	BH1	360	184.684	0.607	1.5	2.5620	0.0000	OK
120 minute winter	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute winter	BH3	150	183.481	0.162	2.9	2.3633	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	BASIN 4	48.022	BH3	2.9	0.548	0.054	0.1698	
120 minute winter	BASIN 4	Infiltration		0.0				0.0
120 minute winter	SWALE 1	1.025	S6	2.4	0.338	0.029	0.2659	
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
120 minute winter	SWALE 3	1.033	BASIN 3	13.8	0.752	0.110	0.7922	
120 minute winter	BH1	Infiltration		0.1				1.7
120 minute winter	BH2	Infiltration		0.0				0.0
120 minute winter	BH3	Infiltration		0.2				3.3

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.394	0.024	1.1	0.0353	0.0000	OK
180 minute summer	S2	96	187.128	0.089	8.9	0.1541	0.0000	OK
180 minute summer	S3	100	186.223	0.086	11.9	0.1138	0.0000	OK
180 minute summer	S4	176	185.455	0.077	20.7	0.0982	0.0000	OK
180 minute summer	S5	176	185.455	0.545	2.5	0.7795	0.0000	SURCHARGED
180 minute summer	S6	176	184.852	0.043	2.5	0.0622	0.0000	OK
180 minute summer	S7	4	184.759	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.330	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	96	184.175	0.049	0.1	0.0708	0.0000	OK
180 minute summer	S10	96	184.174	0.061	15.5	0.1118	0.0000	OK
180 minute summer	S11	96	186.435	0.035	1.4	0.0550	0.0000	OK
180 minute summer	S12	96	186.236	0.060	3.8	0.0886	0.0000	OK
180 minute summer	S13	96	186.033	0.040	6.2	0.0592	0.0000	OK
180 minute summer	S14	96	185.244	0.069	8.3	0.1088	0.0000	OK
180 minute summer	S15	96	184.922	0.055	10.7	0.0858	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S1	1.000	J1	1.1	0.504	0.126	0.0182	
180 minute summer	S2	1.012	J12	8.8	0.667	0.296	0.0198	
180 minute summer	S3	1.019	J18	11.9	0.943	0.223	0.0654	
180 minute summer	S4	1.022	BASIN 1	20.6	1.023	0.123	0.7074	
180 minute summer	S5	1.024	SWALE 1	2.5	0.336	0.030	0.1501	
180 minute summer	S6	1.026	BASIN 2	2.5	0.410	0.029	0.0349	
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0513	
180 minute summer	S9	1.031	S10	-0.1	-0.029	-0.001	0.0678	
180 minute summer	S10	1.032	SWALE 3	15.5	0.981	0.047	0.0695	
180 minute summer	S11	32.000	J28	1.4	0.550	0.235	0.0116	
180 minute summer	S12	32.003	J30	3.8	0.563	0.282	0.0340	
180 minute summer	S13	32.007	J33	6.2	1.356	0.064	0.0598	
180 minute summer	S14	32.009	J34	8.3	0.765	0.163	0.0567	
180 minute summer	S15	32.013	J37	10.6	1.497	0.115	0.0664	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.531	0.044	12.6	0.0672	0.0000	OK
180 minute summer	S17	96	186.188	0.038	1.7	0.0601	0.0000	OK
180 minute summer	S18	96	185.892	0.068	4.3	0.1001	0.0000	OK
180 minute summer	S19	96	185.844	0.078	6.8	0.1130	0.0000	OK
180 minute summer	S20	104	184.662	0.020	0.5	0.0230	0.0000	OK
180 minute summer	S21	96	184.453	0.044	2.2	0.0580	0.0000	OK
180 minute summer	S22	96	184.303	0.072	4.5	0.0938	0.0000	OK
180 minute summer	S23	96	184.285	0.087	6.4	0.1126	0.0000	OK
180 minute summer	S24	100	184.129	0.112	12.1	0.1468	0.0000	OK
180 minute summer	S25	100	184.074	0.104	13.7	0.1441	0.0000	OK
180 minute summer	S26	96	185.403	0.026	1.5	0.0381	0.0000	OK
180 minute summer	FC1	104	188.416	0.166	0.5	0.2144	0.0000	SURCHARGED
180 minute summer	FC2	104	188.317	0.167	0.5	0.2152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S16	32.015	J38	12.6	0.921	0.040	0.0328	
180 minute summer	S17	23.001	J20	1.7	0.633	0.281	0.0188	
180 minute summer	S18	23.006	J24	4.3	0.440	0.136	0.0181	
180 minute summer	S19	23.010	J27	6.8	0.549	0.227	0.1103	
180 minute summer	S20	48.001	J41	0.5	0.455	0.085	0.0052	
180 minute summer	S21	48.004	J43	2.2	0.456	0.163	0.0243	
180 minute summer	S22	48.008	J46	4.5	0.398	0.142	0.0274	
180 minute summer	S23	48.011	J48	6.3	0.462	0.206	0.0154	
180 minute summer	S24	48.018	J56	12.1	0.521	0.227	0.0989	
180 minute summer	S25	48.021	BASIN 4	13.7	0.703	0.257	0.0751	
180 minute summer	S26	65.001	J54	1.5	0.668	0.145	0.0195	
180 minute summer	FC1	2.000	J1	0.4	0.269	0.063	0.0092	
180 minute summer	FC1	Infiltration		0.0				0.0
180 minute summer	FC2	3.000	J2	0.4	0.421	0.066	0.0042	
180 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC3	104	188.472	0.272	0.7	0.3680	0.0000	SURCHARGED
180 minute summer	FC4	100	188.313	0.113	0.4	0.1414	0.0000	SURCHARGED
180 minute summer	FC5	104	188.167	0.167	0.5	0.2153	0.0000	SURCHARGED
180 minute summer	FC6	100	187.962	0.112	0.4	0.1405	0.0000	SURCHARGED
180 minute summer	FC7	100	187.863	0.113	0.4	0.1417	0.0000	SURCHARGED
180 minute summer	FC8	104	187.914	0.164	0.5	0.2115	0.0000	SURCHARGED
180 minute summer	FC9	100	187.584	0.114	0.4	0.1430	0.0000	SURCHARGED
180 minute summer	FC10	104	187.742	0.272	0.7	0.3675	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC3	4.000	J3	0.5	0.475	0.081	0.0100	
180 minute summer	FC3	Infiltration		0.0				0.0
180 minute summer	FC4	5.000	J4	0.3	0.468	0.043	0.0050	
180 minute summer	FC4	Infiltration		0.0				0.0
180 minute summer	FC5	6.000	J5	0.4	0.420	0.066	0.0039	
180 minute summer	FC5	Infiltration		0.0				0.0
180 minute summer	FC6	7.000	J6	0.3	0.521	0.037	0.0045	
180 minute summer	FC6	Infiltration		0.0				0.0
180 minute summer	FC7	8.000	J7	0.3	0.452	0.045	0.0051	
180 minute summer	FC7	Infiltration		0.0				0.0
180 minute summer	FC8	9.000	J8	0.4	0.588	0.041	0.0028	
180 minute summer	FC8	Infiltration		0.0				0.0
180 minute summer	FC9	10.000	J9	0.3	0.400	0.053	0.0057	
180 minute summer	FC9	Infiltration		0.0				0.0
180 minute summer	FC10	11.000	J10	0.5	0.493	0.077	0.0064	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC11	104	187.487	0.167	0.5	0.2151	0.0000	SURCHARGED
180 minute summer	FC12	104	187.397	0.167	0.5	0.2151	0.0000	SURCHARGED
180 minute summer	FC13	104	187.167	0.167	0.5	0.2151	0.0000	SURCHARGED
180 minute summer	FC14	112	186.957	0.056	0.5	0.7200	0.0000	OK
180 minute summer	FC15	100	187.311	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC16	100	187.014	0.114	0.4	0.1425	0.0000	SURCHARGED
180 minute summer	FC17	100	187.111	0.111	0.4	0.1392	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC10	Infiltration		0.0				0.0
180 minute summer	FC11	12.000	J11	0.4	0.422	0.066	0.0072	
180 minute summer	FC11	Infiltration		0.0				0.0
180 minute summer	FC12	13.000	S2	0.4	0.422	0.066	0.0064	
180 minute summer	FC12	Infiltration		0.0				0.0
180 minute summer	FC13	14.000	J12	0.4	0.423	0.066	0.0063	
180 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.2	0.354	0.035	0.0045	
180 minute summer	FC14	Infiltration		0.0				0.0
180 minute summer	FC15	16.000	J14	0.3	0.842	0.018	0.0018	
180 minute summer	FC15	Infiltration		0.0				0.0
180 minute summer	FC16	17.000	J15	0.3	0.417	0.050	0.0058	
180 minute summer	FC16	Infiltration		0.0				0.0
180 minute summer	FC17	18.000	J16	0.3	0.660	0.026	0.0023	
180 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC18	100	186.664	0.114	0.4	0.1430	0.0000	SURCHARGED
180 minute summer	FC19	104	186.567	0.167	0.5	0.2152	0.0000	SURCHARGED
180 minute summer	FC20	104	187.112	0.162	0.5	0.2092	0.0000	SURCHARGED
180 minute summer	FC21	104	186.467	0.167	0.5	0.2151	0.0000	SURCHARGED
180 minute summer	FC22	112	186.498	0.048	0.4	0.4620	0.0000	OK
180 minute summer	FC23	100	186.411	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC24	104	186.462	0.162	0.5	0.2096	0.0000	SURCHARGED
180 minute summer	FC25	104	186.712	0.162	0.5	0.2092	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC18	19.000	J17	0.3	0.398	0.054	0.0056	
180 minute summer	FC18	Infiltration		0.0				0.0
180 minute summer	FC19	20.000	S3	0.4	0.421	0.066	0.0061	
180 minute summer	FC19	Infiltration		0.0				0.0
180 minute summer	FC20	21.000	J18	0.4	0.847	0.024	0.0020	
180 minute summer	FC20	Infiltration		0.0				0.0
180 minute summer	FC21	22.000	J19	0.4	0.422	0.066	0.0071	
180 minute summer	FC21	Infiltration		0.0				0.0
180 minute summer	FC22	23.000	S17	0.2	0.294	0.013	0.0071	
180 minute summer	FC22	Infiltration		0.0				0.0
180 minute summer	FC23	24.000	J20	0.3	0.699	0.024	0.0021	
180 minute summer	FC23	Infiltration		0.0				0.0
180 minute summer	FC24	25.000	J21	0.4	0.764	0.028	0.0024	
180 minute summer	FC24	Infiltration		0.0				0.0
180 minute summer	FC25	26.000	J22	0.4	0.840	0.025	0.0022	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC26	112	186.497	0.047	0.4	0.4709	0.0000	OK
180 minute summer	FC27	100	186.611	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC28	104	186.662	0.162	0.5	0.2092	0.0000	SURCHARGED
180 minute summer	FC29	104	186.662	0.162	0.5	0.2093	0.0000	SURCHARGED
180 minute summer	FC30	104	186.912	0.162	0.5	0.2094	0.0000	SURCHARGED
180 minute summer	FC31	100	186.562	0.112	0.4	0.1402	0.0000	SURCHARGED
180 minute summer	FC32	100	186.561	0.111	0.4	0.1391	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC25	Infiltration		0.0				0.0
180 minute summer	FC26	27.000	J23	0.2	0.600	0.014	0.0015	
180 minute summer	FC26	Infiltration		0.0				0.0
180 minute summer	FC27	28.000	J24	0.3	0.981	0.015	0.0015	
180 minute summer	FC27	Infiltration		0.0				0.0
180 minute summer	FC28	29.000	J25	0.4	0.845	0.025	0.0020	
180 minute summer	FC28	Infiltration		0.0				0.0
180 minute summer	FC29	30.000	J26	0.4	0.821	0.026	0.0023	
180 minute summer	FC29	Infiltration		0.0				0.0
180 minute summer	FC30	31.000	J27	0.4	0.788	0.027	0.0022	
180 minute summer	FC30	Infiltration		0.0				0.0
180 minute summer	FC31	33.000	J28	0.3	0.255	0.035	0.0069	
180 minute summer	FC31	Infiltration		0.0				0.0
180 minute summer	FC32	34.000	J29	0.3	0.222	0.025	0.0076	
180 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC33	104	186.612	0.162	0.5	0.2095	0.0000	SURCHARGED
180 minute summer	FC34	104	186.616	0.166	0.5	0.2149	0.0000	SURCHARGED
180 minute summer	FC35	104	186.612	0.162	0.5	0.2095	0.0000	SURCHARGED
180 minute summer	FC36	104	186.612	0.162	0.5	0.2093	0.0000	SURCHARGED
180 minute summer	FC37	104	186.070	0.270	0.7	0.3649	0.0000	SURCHARGED
180 minute summer	FC38	112	185.492	0.042	0.4	0.5086	0.0000	OK
180 minute summer	FC39	100	185.561	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC40	104	185.662	0.162	0.5	0.2091	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC33	35.000	S12	0.4	0.775	0.028	0.0021	
180 minute summer	FC33	Infiltration		0.0				0.0
180 minute summer	FC34	36.000	J30	0.4	0.433	0.063	0.0043	
180 minute summer	FC34	Infiltration		0.0				0.0
180 minute summer	FC35	37.000	J31	0.4	0.780	0.027	0.0026	
180 minute summer	FC35	Infiltration		0.0				0.0
180 minute summer	FC36	38.000	J32	0.4	0.818	0.026	0.0024	
180 minute summer	FC36	Infiltration		0.0				0.0
180 minute summer	FC37	39.000	J33	0.5	0.605	0.057	0.0055	
180 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.2	0.565	0.014	0.0015	
180 minute summer	FC38	Infiltration		0.0				0.0
180 minute summer	FC39	41.000	J35	0.3	0.741	0.022	0.0019	
180 minute summer	FC39	Infiltration		0.0				0.0
180 minute summer	FC40	42.000	J36	0.4	0.960	0.020	0.0021	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC41	104	185.013	0.163	0.5	0.2109	0.0000	SURCHARGED
180 minute summer	FC42	104	184.764	0.164	0.5	0.2122	0.0000	SURCHARGED
180 minute summer	FC43	104	184.764	0.163	0.5	0.2110	0.0000	SURCHARGED
180 minute summer	FC44	96	184.614	0.014	0.4	0.0170	0.0000	OK
180 minute summer	FC45	100	184.711	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC46	104	184.973	0.273	0.7	0.3686	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	104	184.962	0.162	0.5	0.2094	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC40	Infiltration		0.0				0.0
180 minute summer	FC41	43.000	J37	0.4	0.629	0.037	0.0031	
180 minute summer	FC41	Infiltration		0.0				0.0
180 minute summer	FC42	44.000	J38	0.4	0.548	0.045	0.0035	
180 minute summer	FC42	Infiltration		0.0				0.0
180 minute summer	FC43	45.000	J39	0.4	0.622	0.038	0.0027	
180 minute summer	FC43	Infiltration		0.0				0.0
180 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
180 minute summer	FC44	Infiltration		0.0				0.0
180 minute summer	FC45	47.000	S10	0.3	0.690	0.025	0.0021	
180 minute summer	FC45	Infiltration		0.0				0.0
180 minute summer	FC46	48.000	S20	0.5	0.447	0.086	0.0068	
180 minute summer	FC46	Infiltration		0.0				0.0
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0029	
180 minute summer	FC48	50.000	J42	0.4	0.374	0.028	0.0055	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC49	104	184.967	0.167	0.5	0.2153	0.0000	SURCHARGED
180 minute summer	FC50	104	184.967	0.167	0.5	0.2153	0.0000	SURCHARGED
180 minute summer	FC51	104	185.017	0.167	0.5	0.2152	0.0000	SURCHARGED
180 minute summer	FC52	104	185.414	0.164	0.5	0.2112	0.0000	SURCHARGED
180 minute summer	FC53	104	185.414	0.164	0.5	0.2117	0.0000	SURCHARGED
180 minute summer	FC54	100	185.362	0.112	0.4	0.1396	0.0000	SURCHARGED
180 minute summer	FC55	100	185.361	0.111	0.4	0.1391	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC48	Infiltration		0.0				0.0
180 minute summer	FC49	51.000	S21	0.4	0.420	0.066	0.0041	
180 minute summer	FC49	Infiltration		0.0				0.0
180 minute summer	FC50	52.000	J43	0.4	0.420	0.066	0.0043	
180 minute summer	FC50	Infiltration		0.0				0.0
180 minute summer	FC51	55.000	S22	0.4	0.422	0.066	0.0057	
180 minute summer	FC51	Infiltration		0.0				0.0
180 minute summer	FC52	58.000	S23	0.4	0.612	0.039	0.0035	
180 minute summer	FC52	Infiltration		0.0				0.0
180 minute summer	FC53	61.000	J50	0.4	0.576	0.042	0.0029	
180 minute summer	FC53	Infiltration		0.0				0.0
180 minute summer	FC54	62.000	J51	0.3	0.601	0.030	0.0021	
180 minute summer	FC54	Infiltration		0.0				0.0
180 minute summer	FC55	64.000	J53	0.3	0.757	0.021	0.0018	
180 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC56	100	185.461	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC57	100	185.461	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC58	100	185.461	0.111	0.4	0.1391	0.0000	SURCHARGED
180 minute summer	FC59	100	185.461	0.111	0.4	0.1393	0.0000	SURCHARGED
180 minute summer	FC60	104	185.513	0.163	0.5	0.2102	0.0000	SURCHARGED
180 minute summer	FC61	104	185.464	0.164	0.5	0.2121	0.0000	SURCHARGED
180 minute summer	FC62	104	185.521	0.271	0.7	0.3661	0.0000	SURCHARGED
180 minute summer	FC63	100	185.514	0.114	0.4	0.1428	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC56	53.000	J44	0.3	0.780	0.021	0.0027	
180 minute summer	FC56	Infiltration		0.0				0.0
180 minute summer	FC57	54.000	J45	0.3	0.733	0.023	0.0028	
180 minute summer	FC57	Infiltration		0.0				0.0
180 minute summer	FC58	56.000	J46	0.3	0.705	0.024	0.0028	
180 minute summer	FC58	Infiltration		0.0				0.0
180 minute summer	FC59	57.000	J47	0.3	0.653	0.027	0.0031	
180 minute summer	FC59	Infiltration		0.0				0.0
180 minute summer	FC60	59.000	J48	0.4	0.687	0.033	0.0038	
180 minute summer	FC60	Infiltration		0.0				0.0
180 minute summer	FC61	60.000	J49	0.4	0.552	0.045	0.0052	
180 minute summer	FC61	Infiltration		0.0				0.0
180 minute summer	FC62	63.000	J52	0.5	0.548	0.066	0.0087	
180 minute summer	FC62	Infiltration		0.0				0.0
180 minute summer	FC63	65.000	S26	0.3	0.315	0.054	0.0028	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC64	100	185.266	0.116	0.4	0.1454	0.0000	SURCHARGED
180 minute summer	FC65	104	185.314	0.164	0.5	0.2112	0.0000	SURCHARGED
180 minute summer	FC66	104	185.166	0.166	0.5	0.2140	0.0000	SURCHARGED
180 minute summer	FC67	112	184.847	0.047	0.4	0.4809	0.0000	OK
180 minute summer	FC68	100	184.662	0.112	0.4	0.1406	0.0000	SURCHARGED
180 minute summer	J1	96	188.241	0.041	2.6	0.0600	0.0000	OK
180 minute summer	J2	96	188.113	0.057	2.9	0.0642	0.0000	OK
180 minute summer	J3	96	188.102	0.052	3.4	0.0587	0.0000	OK
180 minute summer	J4	96	188.075	0.036	3.7	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC63	Infiltration		0.0				0.0
180 minute summer	FC64	66.000	J54	0.3	0.206	0.056	0.0044	
180 minute summer	FC64	Infiltration		0.0				0.0
180 minute summer	FC65	67.000	J55	0.4	0.282	0.040	0.0037	
180 minute summer	FC65	Infiltration		0.0				0.0
180 minute summer	FC66	68.000	S24	0.4	0.473	0.054	0.0018	
180 minute summer	FC66	Infiltration		0.0				0.0
180 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012	
180 minute summer	FC67	Infiltration		0.0				0.0
180 minute summer	FC68	70.000	J57	0.3	0.524	0.035	0.0014	
180 minute summer	FC68	Infiltration		0.0				0.0
180 minute summer	J1	1.001	J2	2.6	0.893	0.309	0.0144	
180 minute summer	J2	1.002	J3	2.9	0.509	0.218	0.0060	
180 minute summer	J3	1.003	J4	3.4	0.785	0.255	0.0085	
180 minute summer	J4	1.004	J5	3.7	1.199	0.108	0.0109	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J5	96	187.943	0.033	4.1	0.0373	0.0000	OK
180 minute summer	J6	96	187.696	0.046	4.4	0.0521	0.0000	OK
180 minute summer	J7	96	187.582	0.057	4.6	0.0644	0.0000	OK
180 minute summer	J8	96	187.557	0.036	5.0	0.0409	0.0000	OK
180 minute summer	J9	96	187.335	0.060	5.3	0.0679	0.0000	OK
180 minute summer	J10	100	187.305	0.035	5.8	0.0391	0.0000	OK
180 minute summer	J11	100	187.169	0.048	6.2	0.0542	0.0000	OK
180 minute summer	J12	96	186.870	0.061	9.2	0.0689	0.0000	OK
180 minute summer	J13	96	186.724	0.097	9.4	0.1095	0.0000	OK
180 minute summer	J14	96	186.713	0.091	9.7	0.1031	0.0000	OK
180 minute summer	J15	96	186.698	0.081	9.9	0.0918	0.0000	OK
180 minute summer	J16	100	186.667	0.062	10.2	0.0697	0.0000	OK
180 minute summer	J17	100	186.325	0.042	10.6	0.0479	0.0000	OK
180 minute summer	J18	100	186.181	0.056	12.3	0.0628	0.0000	OK
180 minute summer	J19	100	186.127	0.100	12.7	0.1126	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J5	1.005	J6	4.0	1.094	0.106	0.0211	
180 minute summer	J6	1.006	J7	4.3	1.048	0.153	0.0082	
180 minute summer	J7	1.007	J8	4.7	0.797	0.152	0.0068	
180 minute summer	J8	1.008	J9	5.0	0.808	0.056	0.0533	
180 minute summer	J9	1.009	J10	5.3	0.875	0.159	0.0074	
180 minute summer	J10	1.010	J11	5.8	1.180	0.045	0.0122	
180 minute summer	J11	1.011	S2	6.2	0.615	0.096	0.0552	
180 minute summer	J12	1.013	J13	9.2	1.124	0.137	0.0529	
180 minute summer	J13	1.014	J14	9.3	0.496	0.165	0.0357	
180 minute summer	J14	1.015	J15	9.6	0.577	0.171	0.0320	
180 minute summer	J15	1.016	J16	9.9	0.774	0.186	0.0660	
180 minute summer	J16	1.017	J17	10.2	1.078	0.072	0.0320	
180 minute summer	J17	1.018	S3	10.6	0.964	0.034	0.0213	
180 minute summer	J18	1.020	J19	12.3	0.853	0.043	0.0219	
180 minute summer	J19	1.021	S4	12.7	0.691	0.230	0.0808	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J20	96	186.073	0.042	2.0	0.0477	0.0000	OK
180 minute summer	J21	96	186.053	0.044	2.3	0.0496	0.0000	OK
180 minute summer	J22	96	186.013	0.050	2.7	0.0565	0.0000	OK
180 minute summer	J23	96	185.991	0.049	2.9	0.0556	0.0000	OK
180 minute summer	J24	96	185.883	0.066	4.6	0.0746	0.0000	OK
180 minute summer	J25	96	185.867	0.071	5.0	0.0803	0.0000	OK
180 minute summer	J26	96	185.855	0.076	5.4	0.0856	0.0000	OK
180 minute summer	J27	96	185.815	0.079	7.2	0.0897	0.0000	OK
180 minute summer	J28	96	186.394	0.038	1.7	0.0426	0.0000	OK
180 minute summer	J29	96	186.314	0.043	2.0	0.0482	0.0000	OK
180 minute summer	J30	96	186.209	0.062	4.1	0.0698	0.0000	OK
180 minute summer	J31	96	186.106	0.061	4.5	0.0695	0.0000	OK
180 minute summer	J32	96	186.070	0.059	4.9	0.0669	0.0000	OK
180 minute summer	J33	96	185.574	0.039	6.7	0.0437	0.0000	OK
180 minute summer	J34	96	185.199	0.074	8.4	0.0835	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J20	23.002	J21	2.0	0.473	0.146	0.0157	
180 minute summer	J21	23.003	J22	2.3	0.496	0.174	0.0377	
180 minute summer	J22	23.004	J23	2.7	0.532	0.199	0.0182	
180 minute summer	J23	23.005	S18	2.8	0.587	0.213	0.0364	
180 minute summer	J24	23.007	J25	4.6	0.454	0.154	0.0631	
180 minute summer	J25	23.008	J26	5.0	0.444	0.165	0.0557	
180 minute summer	J26	23.009	S19	5.3	0.451	0.174	0.0445	
180 minute summer	J27	23.011	S4	7.2	0.630	0.240	0.0272	
180 minute summer	J28	32.001	J29	1.7	0.580	0.287	0.0259	
180 minute summer	J29	32.002	S12	2.0	0.657	0.337	0.0142	
180 minute summer	J30	32.004	J31	4.1	0.636	0.311	0.0323	
180 minute summer	J31	32.005	J32	4.5	0.525	0.149	0.0832	
180 minute summer	J32	32.006	S13	4.8	0.758	0.161	0.0344	
180 minute summer	J33	32.008	S14	6.7	0.926	0.064	0.0673	
180 minute summer	J34	32.010	J35	8.4	0.975	0.218	0.0787	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J35	96	185.123	0.048	8.7	0.0540	0.0000	OK
180 minute summer	J36	96	184.953	0.078	9.1	0.0884	0.0000	OK
180 minute summer	J37	96	184.581	0.081	11.0	0.0917	0.0000	OK
180 minute summer	J38	96	184.405	0.105	13.0	0.1191	0.0000	OK
180 minute summer	J39	96	184.371	0.097	13.3	0.1094	0.0000	OK
180 minute summer	J40	96	184.345	0.080	13.7	0.0905	0.0000	OK
180 minute summer	J41	104	184.617	0.020	0.5	0.0224	0.0000	OK
180 minute summer	J42	104	184.564	0.027	0.9	0.0306	0.0000	OK
180 minute summer	J43	96	184.431	0.051	2.5	0.0575	0.0000	OK
180 minute summer	J44	96	184.419	0.049	2.8	0.0551	0.0000	OK
180 minute summer	J45	100	184.374	0.054	3.1	0.0608	0.0000	OK
180 minute summer	J46	96	184.297	0.075	4.8	0.0846	0.0000	OK
180 minute summer	J47	96	184.290	0.083	5.0	0.0944	0.0000	OK
180 minute summer	J48	100	184.277	0.083	6.7	0.0940	0.0000	OK
180 minute summer	J49	100	184.264	0.095	7.1	0.1076	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J35	32.011	J36	8.7	0.960	0.098	0.0631	
180 minute summer	J36	32.012	S15	9.1	0.929	0.302	0.0233	
180 minute summer	J37	32.014	S16	11.0	1.035	0.199	0.0564	
180 minute summer	J38	32.016	J39	12.9	0.621	0.239	0.2254	
180 minute summer	J39	32.017	J40	13.3	0.767	0.243	0.0634	
180 minute summer	J40	32.018	S10	13.6	0.953	0.137	0.1369	
180 minute summer	J41	48.002	J42	0.5	0.364	0.085	0.0087	
180 minute summer	J42	48.003	S21	0.9	0.535	0.152	0.0137	
180 minute summer	J43	48.005	J44	2.5	0.495	0.181	0.0082	
180 minute summer	J44	48.006	J45	2.8	0.532	0.211	0.0465	
180 minute summer	J45	48.007	S22	3.1	0.589	0.231	0.0127	
180 minute summer	J46	48.009	J47	4.7	0.380	0.153	0.0525	
180 minute summer	J47	48.010	S23	5.0	0.365	0.167	0.0364	
180 minute summer	J48	48.012	J49	6.7	0.461	0.224	0.1089	
180 minute summer	J49	48.013	J50	7.1	0.459	0.230	0.0176	

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J50	100	184.256	0.091	7.4	0.1032	0.0000	OK
180 minute summer	J51	100	184.244	0.096	7.8	0.1084	0.0000	OK
180 minute summer	J52	100	184.234	0.090	8.3	0.1015	0.0000	OK
180 minute summer	J53	100	184.213	0.086	8.6	0.0970	0.0000	OK
180 minute summer	J54	96	185.170	0.041	1.8	0.0459	0.0000	OK
180 minute summer	J55	96	185.132	0.038	2.2	0.0430	0.0000	OK
180 minute summer	J56	100	184.115	0.108	12.3	0.1219	0.0000	OK
180 minute summer	J57	100	184.094	0.109	12.6	0.1232	0.0000	OK
180 minute summer	BASIN 1	176	185.455	0.530	21.3	54.3845	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.751	0.451	2.6	44.4492	0.0000	OK
180 minute summer	BASIN 3	420	182.764	-0.336	17.5	59.2800	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J50	48.014	J51	7.5	0.480	0.250	0.0791	
180 minute summer	J51	48.015	J52	7.8	0.505	0.254	0.0175	
180 minute summer	J52	48.016	J53	8.3	0.580	0.272	0.0698	
180 minute summer	J53	48.017	S24	8.6	0.675	0.286	0.1312	
180 minute summer	J54	65.002	J55	1.8	0.629	0.303	0.0104	
180 minute summer	J55	65.003	S24	2.2	0.813	0.283	0.0208	
180 minute summer	J56	48.019	J57	12.3	0.538	0.227	0.2083	
180 minute summer	J57	48.020	S25	12.7	0.566	0.232	0.1370	
180 minute summer	BASIN 1	1.023	S5	2.5	0.181	0.030	0.9418	
180 minute summer	BASIN 1	Infiltration		0.1				2.3
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
180 minute summer	BASIN 2	71.000	BH1	1.2	0.544	0.201	0.1829	
180 minute summer	BASIN 2	Infiltration		0.0				0.0
180 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	BASIN 4	204	183.506	0.176	15.2	50.1118	0.0000	OK
180 minute summer	SWALE 1	176	184.919	0.045	2.5	0.0642	0.0000	OK
180 minute summer	SWALE 2	4	184.375	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	96	184.085	0.090	15.5	0.1283	0.0000	OK
180 minute summer	BH1	420	184.751	0.674	1.2	2.7570	0.0000	OK
180 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute summer	BH3	204	183.506	0.187	1.8	2.4776	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	BASIN 4	48.022	BH3	1.8	0.448	0.034	0.2029	
180 minute summer	BASIN 4	Infiltration		0.0				0.0
180 minute summer	SWALE 1	1.025	S6	2.5	0.342	0.030	0.2733	
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
180 minute summer	SWALE 3	1.033	BASIN 3	15.3	0.773	0.123	0.8556	
180 minute summer	BH1	Infiltration		0.1				2.0
180 minute summer	BH2	Infiltration		0.0				0.0
180 minute summer	BH3	Infiltration		0.2				3.8

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.389	0.019	0.7	0.0282	0.0000	OK
180 minute winter	S2	100	187.117	0.078	6.9	0.1348	0.0000	OK
180 minute winter	S3	100	186.213	0.076	9.5	0.1016	0.0000	OK
180 minute winter	S4	180	185.459	0.081	16.3	0.1039	0.0000	OK
180 minute winter	S5	180	185.459	0.549	2.5	0.7859	0.0000	SURCHARGED
180 minute winter	S6	180	184.852	0.044	2.5	0.0623	0.0000	OK
180 minute winter	S7	4	184.759	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.330	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	100	184.166	0.041	0.1	0.0580	0.0000	OK
180 minute winter	S10	100	184.166	0.053	11.9	0.0956	0.0000	OK
180 minute winter	S11	96	186.429	0.029	1.0	0.0456	0.0000	OK
180 minute winter	S12	96	186.227	0.051	2.8	0.0751	0.0000	OK
180 minute winter	S13	96	186.028	0.034	4.8	0.0516	0.0000	OK
180 minute winter	S14	96	185.234	0.059	6.3	0.0927	0.0000	OK
180 minute winter	S15	100	184.914	0.047	8.1	0.0742	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S1	1.000	J1	0.7	0.444	0.080	0.0134	
180 minute winter	S2	1.012	J12	6.9	0.621	0.230	0.0165	
180 minute winter	S3	1.019	J18	9.5	0.904	0.177	0.0544	
180 minute winter	S4	1.022	BASIN 1	16.3	1.030	0.097	0.7172	
180 minute winter	S5	1.024	SWALE 1	2.5	0.336	0.030	0.1506	
180 minute winter	S6	1.026	BASIN 2	2.5	0.410	0.029	0.0350	
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0383	
180 minute winter	S9	1.031	S10	-0.1	-0.049	-0.001	0.0526	
180 minute winter	S10	1.032	SWALE 3	11.9	0.922	0.036	0.0568	
180 minute winter	S11	32.000	J28	1.0	0.500	0.168	0.0091	
180 minute winter	S12	32.003	J30	2.8	0.525	0.212	0.0274	
180 minute winter	S13	32.007	J33	4.8	1.253	0.049	0.0494	
180 minute winter	S14	32.009	J34	6.2	0.712	0.123	0.0460	
180 minute winter	S15	32.013	J37	8.1	1.391	0.088	0.0543	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	100	184.524	0.037	9.5	0.0562	0.0000	OK
180 minute winter	S17	100	186.181	0.031	1.2	0.0495	0.0000	OK
180 minute winter	S18	100	185.882	0.058	3.3	0.0850	0.0000	OK
180 minute winter	S19	100	185.833	0.067	5.2	0.0968	0.0000	OK
180 minute winter	S20	104	184.661	0.019	0.4	0.0212	0.0000	OK
180 minute winter	S21	96	184.447	0.038	1.7	0.0509	0.0000	OK
180 minute winter	S22	96	184.293	0.062	3.5	0.0805	0.0000	OK
180 minute winter	S23	100	184.274	0.076	5.0	0.0980	0.0000	OK
180 minute winter	S24	100	184.116	0.099	9.8	0.1298	0.0000	OK
180 minute winter	S25	100	184.063	0.093	11.0	0.1288	0.0000	OK
180 minute winter	S26	100	185.399	0.022	1.1	0.0321	0.0000	OK
180 minute winter	FC1	100	188.370	0.120	0.4	0.1551	0.0000	SURCHARGED
180 minute winter	FC2	100	188.271	0.121	0.4	0.1559	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S16	32.015	J38	9.5	0.869	0.030	0.0265	
180 minute winter	S17	23.001	J20	1.2	0.576	0.197	0.0145	
180 minute winter	S18	23.006	J24	3.3	0.413	0.102	0.0144	
180 minute winter	S19	23.010	J27	5.2	0.511	0.172	0.0901	
180 minute winter	S20	48.001	J41	0.4	0.433	0.072	0.0046	
180 minute winter	S21	48.004	J43	1.7	0.433	0.129	0.0203	
180 minute winter	S22	48.008	J46	3.5	0.389	0.112	0.0221	
180 minute winter	S23	48.011	J48	5.0	0.444	0.163	0.0128	
180 minute winter	S24	48.018	J56	9.8	0.497	0.183	0.0836	
180 minute winter	S25	48.021	BASIN 4	11.0	0.659	0.206	0.0643	
180 minute winter	S26	65.001	J54	1.1	0.597	0.103	0.0155	
180 minute winter	FC1	2.000	J1	0.3	0.246	0.053	0.0071	
180 minute winter	FC1	Infiltration		0.0				0.0
180 minute winter	FC2	3.000	J2	0.3	0.401	0.055	0.0037	
180 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC3	104	188.399	0.199	0.5	0.2691	0.0000	SURCHARGED
180 minute winter	FC4	100	188.286	0.085	0.3	0.1070	0.0000	OK
180 minute winter	FC5	100	188.121	0.121	0.4	0.1559	0.0000	SURCHARGED
180 minute winter	FC6	100	187.935	0.085	0.3	0.1061	0.0000	OK
180 minute winter	FC7	100	187.836	0.086	0.3	0.1073	0.0000	OK
180 minute winter	FC8	100	187.868	0.118	0.4	0.1523	0.0000	SURCHARGED
180 minute winter	FC9	100	187.557	0.087	0.3	0.1085	0.0000	OK
180 minute winter	FC10	104	187.669	0.199	0.5	0.2686	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC3	4.000	J3	0.4	0.453	0.069	0.0089	
180 minute winter	FC3	Infiltration		0.0				0.0
180 minute winter	FC4	5.000	J4	0.3	0.446	0.036	0.0045	
180 minute winter	FC4	Infiltration		0.0				0.0
180 minute winter	FC5	6.000	J5	0.3	0.399	0.055	0.0034	
180 minute winter	FC5	Infiltration		0.0				0.0
180 minute winter	FC6	7.000	J6	0.3	0.496	0.031	0.0040	
180 minute winter	FC6	Infiltration		0.0				0.0
180 minute winter	FC7	8.000	J7	0.3	0.432	0.038	0.0046	
180 minute winter	FC7	Infiltration		0.0				0.0
180 minute winter	FC8	9.000	J8	0.3	0.559	0.034	0.0025	
180 minute winter	FC8	Infiltration		0.0				0.0
180 minute winter	FC9	10.000	J9	0.3	0.381	0.045	0.0051	
180 minute winter	FC9	Infiltration		0.0				0.0
180 minute winter	FC10	11.000	J10	0.4	0.470	0.065	0.0057	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC11	100	187.441	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC12	100	187.351	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC13	100	187.121	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC14	116	186.952	0.052	0.4	0.6649	0.0000	OK
180 minute winter	FC15	100	187.284	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC16	100	186.986	0.086	0.3	0.1081	0.0000	OK
180 minute winter	FC17	100	187.084	0.084	0.3	0.1054	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC10	Infiltration		0.0				0.0
180 minute winter	FC11	12.000	J11	0.3	0.401	0.055	0.0063	
180 minute winter	FC11	Infiltration		0.0				0.0
180 minute winter	FC12	13.000	S2	0.3	0.401	0.055	0.0056	
180 minute winter	FC12	Infiltration		0.0				0.0
180 minute winter	FC13	14.000	J12	0.3	0.402	0.055	0.0056	
180 minute winter	FC13	Infiltration		0.0				0.0
180 minute winter	FC14	15.000	J13	0.2	0.349	0.034	0.0043	
180 minute winter	FC14	Infiltration		0.0				0.0
180 minute winter	FC15	16.000	J14	0.3	0.804	0.016	0.0016	
180 minute winter	FC15	Infiltration		0.0				0.0
180 minute winter	FC16	17.000	J15	0.3	0.398	0.043	0.0052	
180 minute winter	FC16	Infiltration		0.0				0.0
180 minute winter	FC17	18.000	J16	0.3	0.629	0.022	0.0021	
180 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC18	100	186.637	0.087	0.3	0.1086	0.0000	OK
180 minute winter	FC19	100	186.521	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC20	100	187.067	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC21	100	186.421	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC22	116	186.492	0.042	0.3	0.4101	0.0000	OK
180 minute winter	FC23	100	186.384	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC24	100	186.417	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC25	100	186.667	0.117	0.4	0.1509	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC18	19.000	J17	0.3	0.379	0.046	0.0050	
180 minute winter	FC18	Infiltration		0.0				0.0
180 minute winter	FC19	20.000	S3	0.3	0.400	0.056	0.0054	
180 minute winter	FC19	Infiltration		0.0				0.0
180 minute winter	FC20	21.000	J18	0.3	0.803	0.021	0.0018	
180 minute winter	FC20	Infiltration		0.0				0.0
180 minute winter	FC21	22.000	J19	0.3	0.401	0.055	0.0062	
180 minute winter	FC21	Infiltration		0.0				0.0
180 minute winter	FC22	23.000	S17	0.2	0.283	0.012	0.0056	
180 minute winter	FC22	Infiltration		0.0				0.0
180 minute winter	FC23	24.000	J20	0.3	0.667	0.020	0.0019	
180 minute winter	FC23	Infiltration		0.0				0.0
180 minute winter	FC24	25.000	J21	0.3	0.726	0.024	0.0021	
180 minute winter	FC24	Infiltration		0.0				0.0
180 minute winter	FC25	26.000	J22	0.3	0.797	0.021	0.0020	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC26	116	186.492	0.042	0.3	0.4195	0.0000	OK
180 minute winter	FC27	100	186.584	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC28	100	186.617	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC29	100	186.617	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC30	100	186.867	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC31	100	186.535	0.085	0.3	0.1059	0.0000	OK
180 minute winter	FC32	100	186.534	0.084	0.3	0.1054	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC25	Infiltration		0.0				0.0
180 minute winter	FC26	27.000	J23	0.2	0.586	0.013	0.0014	
180 minute winter	FC26	Infiltration		0.0				0.0
180 minute winter	FC27	28.000	J24	0.3	0.932	0.013	0.0013	
180 minute winter	FC27	Infiltration		0.0				0.0
180 minute winter	FC28	29.000	J25	0.3	0.802	0.021	0.0018	
180 minute winter	FC28	Infiltration		0.0				0.0
180 minute winter	FC29	30.000	J26	0.3	0.780	0.021	0.0020	
180 minute winter	FC29	Infiltration		0.0				0.0
180 minute winter	FC30	31.000	J27	0.3	0.749	0.023	0.0019	
180 minute winter	FC30	Infiltration		0.0				0.0
180 minute winter	FC31	33.000	J28	0.3	0.226	0.030	0.0056	
180 minute winter	FC31	Infiltration		0.0				0.0
180 minute winter	FC32	34.000	J29	0.3	0.201	0.022	0.0062	
180 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC33	100	186.567	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC34	100	186.570	0.120	0.4	0.1555	0.0000	SURCHARGED
180 minute winter	FC35	100	186.567	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC36	100	186.567	0.117	0.4	0.1509	0.0000	SURCHARGED
180 minute winter	FC37	104	185.997	0.197	0.5	0.2659	0.0000	SURCHARGED
180 minute winter	FC38	116	185.488	0.038	0.3	0.4604	0.0000	OK
180 minute winter	FC39	100	185.534	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC40	100	185.617	0.117	0.4	0.1509	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC33	35.000	S12	0.3	0.736	0.023	0.0018	
180 minute winter	FC33	Infiltration		0.0				0.0
180 minute winter	FC34	36.000	J30	0.3	0.412	0.053	0.0038	
180 minute winter	FC34	Infiltration		0.0				0.0
180 minute winter	FC35	37.000	J31	0.3	0.741	0.023	0.0023	
180 minute winter	FC35	Infiltration		0.0				0.0
180 minute winter	FC36	38.000	J32	0.3	0.776	0.022	0.0021	
180 minute winter	FC36	Infiltration		0.0				0.0
180 minute winter	FC37	39.000	J33	0.4	0.577	0.049	0.0049	
180 minute winter	FC37	Infiltration		0.0				0.0
180 minute winter	FC38	40.000	J34	0.2	0.553	0.013	0.0014	
180 minute winter	FC38	Infiltration		0.0				0.0
180 minute winter	FC39	41.000	J35	0.3	0.707	0.019	0.0017	
180 minute winter	FC39	Infiltration		0.0				0.0
180 minute winter	FC40	42.000	J36	0.3	0.912	0.017	0.0018	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC41	100	184.968	0.118	0.4	0.1517	0.0000	SURCHARGED
180 minute winter	FC42	100	184.718	0.118	0.4	0.1529	0.0000	SURCHARGED
180 minute winter	FC43	100	184.718	0.118	0.4	0.1518	0.0000	SURCHARGED
180 minute winter	FC44	96	184.612	0.012	0.3	0.0148	0.0000	OK
180 minute winter	FC45	100	184.684	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC46	104	184.900	0.200	0.5	0.2697	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	100	184.917	0.117	0.4	0.1509	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC40	Infiltration		0.0				0.0
180 minute winter	FC41	43.000	J37	0.3	0.597	0.031	0.0028	
180 minute winter	FC41	Infiltration		0.0				0.0
180 minute winter	FC42	44.000	J38	0.3	0.521	0.038	0.0031	
180 minute winter	FC42	Infiltration		0.0				0.0
180 minute winter	FC43	45.000	J39	0.3	0.591	0.032	0.0024	
180 minute winter	FC43	Infiltration		0.0				0.0
180 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
180 minute winter	FC44	Infiltration		0.0				0.0
180 minute winter	FC45	47.000	S10	0.3	0.658	0.021	0.0019	
180 minute winter	FC45	Infiltration		0.0				0.0
180 minute winter	FC46	48.000	S20	0.4	0.427	0.073	0.0060	
180 minute winter	FC46	Infiltration		0.0				0.0
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0026	
180 minute winter	FC48	50.000	J42	0.3	0.410	0.024	0.0049	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC49	100	184.921	0.121	0.4	0.1559	0.0000	SURCHARGED
180 minute winter	FC50	100	184.921	0.121	0.4	0.1559	0.0000	SURCHARGED
180 minute winter	FC51	100	184.971	0.121	0.4	0.1558	0.0000	SURCHARGED
180 minute winter	FC52	100	185.368	0.118	0.4	0.1519	0.0000	SURCHARGED
180 minute winter	FC53	100	185.368	0.118	0.4	0.1525	0.0000	SURCHARGED
180 minute winter	FC54	100	185.334	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC55	100	185.334	0.084	0.3	0.1054	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC48	Infiltration		0.0				0.0
180 minute winter	FC49	51.000	S21	0.3	0.399	0.055	0.0036	
180 minute winter	FC49	Infiltration		0.0				0.0
180 minute winter	FC50	52.000	J43	0.3	0.400	0.055	0.0038	
180 minute winter	FC50	Infiltration		0.0				0.0
180 minute winter	FC51	55.000	S22	0.3	0.401	0.055	0.0050	
180 minute winter	FC51	Infiltration		0.0				0.0
180 minute winter	FC52	58.000	S23	0.3	0.581	0.033	0.0031	
180 minute winter	FC52	Infiltration		0.0				0.0
180 minute winter	FC53	61.000	J50	0.3	0.548	0.035	0.0026	
180 minute winter	FC53	Infiltration		0.0				0.0
180 minute winter	FC54	62.000	J51	0.3	0.574	0.025	0.0019	
180 minute winter	FC54	Infiltration		0.0				0.0
180 minute winter	FC55	64.000	J53	0.3	0.723	0.018	0.0016	
180 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC56	100	185.434	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC57	100	185.434	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC58	100	185.434	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC59	100	185.434	0.084	0.3	0.1054	0.0000	OK
180 minute winter	FC60	100	185.467	0.117	0.4	0.1512	0.0000	SURCHARGED
180 minute winter	FC61	100	185.418	0.118	0.4	0.1528	0.0000	SURCHARGED
180 minute winter	FC62	104	185.448	0.198	0.5	0.2671	0.0000	SURCHARGED
180 minute winter	FC63	100	185.487	0.087	0.3	0.1084	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC56	53.000	J44	0.3	0.744	0.018	0.0024	
180 minute winter	FC56	Infiltration		0.0				0.0
180 minute winter	FC57	54.000	J45	0.3	0.698	0.019	0.0025	
180 minute winter	FC57	Infiltration		0.0				0.0
180 minute winter	FC58	56.000	J46	0.3	0.672	0.020	0.0025	
180 minute winter	FC58	Infiltration		0.0				0.0
180 minute winter	FC59	57.000	J47	0.3	0.623	0.023	0.0028	
180 minute winter	FC59	Infiltration		0.0				0.0
180 minute winter	FC60	59.000	J48	0.3	0.652	0.028	0.0033	
180 minute winter	FC60	Infiltration		0.0				0.0
180 minute winter	FC61	60.000	J49	0.3	0.524	0.038	0.0046	
180 minute winter	FC61	Infiltration		0.0				0.0
180 minute winter	FC62	63.000	J52	0.4	0.523	0.056	0.0077	
180 minute winter	FC62	Infiltration		0.0				0.0
180 minute winter	FC63	65.000	S26	0.3	0.287	0.046	0.0024	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC64	100	185.237	0.087	0.3	0.1084	0.0000	OK
180 minute winter	FC65	100	185.268	0.118	0.4	0.1519	0.0000	SURCHARGED
180 minute winter	FC66	100	185.120	0.120	0.4	0.1546	0.0000	SURCHARGED
180 minute winter	FC67	116	184.842	0.042	0.3	0.4291	0.0000	OK
180 minute winter	FC68	100	184.635	0.085	0.3	0.1062	0.0000	OK
180 minute winter	J1	100	188.233	0.033	1.7	0.0481	0.0000	OK
180 minute winter	J2	100	188.103	0.047	2.1	0.0535	0.0000	OK
180 minute winter	J3	100	188.094	0.044	2.5	0.0500	0.0000	OK
180 minute winter	J4	100	188.070	0.031	2.7	0.0350	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC63	Infiltration		0.0				0.0
180 minute winter	FC64	66.000	J54	0.3	0.186	0.046	0.0034	
180 minute winter	FC64	Infiltration		0.0				0.0
180 minute winter	FC65	67.000	J55	0.3	0.276	0.034	0.0031	
180 minute winter	FC65	Infiltration		0.0				0.0
180 minute winter	FC66	68.000	S24	0.3	0.451	0.045	0.0015	
180 minute winter	FC66	Infiltration		0.0				0.0
180 minute winter	FC67	69.000	J56	0.2	0.327	0.029	0.0011	
180 minute winter	FC67	Infiltration		0.0				0.0
180 minute winter	FC68	70.000	J57	0.3	0.500	0.030	0.0012	
180 minute winter	FC68	Infiltration		0.0				0.0
180 minute winter	J1	1.001	J2	1.7	0.806	0.208	0.0108	
180 minute winter	J2	1.002	J3	2.1	0.452	0.153	0.0047	
180 minute winter	J3	1.003	J4	2.5	0.718	0.187	0.0068	
180 minute winter	J4	1.004	J5	2.7	1.105	0.081	0.0088	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J5	100	187.939	0.029	3.1	0.0326	0.0000	OK
180 minute winter	J6	100	187.690	0.040	3.3	0.0449	0.0000	OK
180 minute winter	J7	100	187.575	0.050	3.6	0.0564	0.0000	OK
180 minute winter	J8	100	187.553	0.032	4.0	0.0364	0.0000	OK
180 minute winter	J9	100	187.329	0.053	4.2	0.0605	0.0000	OK
180 minute winter	J10	100	187.301	0.031	4.6	0.0346	0.0000	OK
180 minute winter	J11	104	187.163	0.042	5.0	0.0479	0.0000	OK
180 minute winter	J12	100	186.862	0.053	7.2	0.0604	0.0000	OK
180 minute winter	J13	100	186.713	0.086	7.4	0.0967	0.0000	OK
180 minute winter	J14	100	186.703	0.081	7.6	0.0916	0.0000	OK
180 minute winter	J15	100	186.690	0.073	7.9	0.0821	0.0000	OK
180 minute winter	J16	100	186.660	0.055	8.2	0.0617	0.0000	OK
180 minute winter	J17	100	186.320	0.037	8.4	0.0416	0.0000	OK
180 minute winter	J18	100	186.172	0.047	9.8	0.0536	0.0000	OK
180 minute winter	J19	100	186.116	0.089	10.1	0.1001	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J5	1.005	J6	3.1	1.017	0.080	0.0173	
180 minute winter	J6	1.006	J7	3.3	0.983	0.118	0.0067	
180 minute winter	J7	1.007	J8	3.7	0.753	0.121	0.0056	
180 minute winter	J8	1.008	J9	3.9	0.750	0.044	0.0452	
180 minute winter	J9	1.009	J10	4.2	0.823	0.126	0.0063	
180 minute winter	J10	1.010	J11	4.6	1.117	0.036	0.0103	
180 minute winter	J11	1.011	S2	5.0	0.586	0.077	0.0465	
180 minute winter	J12	1.013	J13	7.2	1.054	0.107	0.0442	
180 minute winter	J13	1.014	J14	7.4	0.463	0.130	0.0302	
180 minute winter	J14	1.015	J15	7.6	0.537	0.136	0.0272	
180 minute winter	J15	1.016	J16	7.9	0.727	0.148	0.0560	
180 minute winter	J16	1.017	J17	8.2	1.017	0.057	0.0270	
180 minute winter	J17	1.018	S3	8.4	0.921	0.027	0.0179	
180 minute winter	J18	1.020	J19	9.8	0.819	0.034	0.0182	
180 minute winter	J19	1.021	S4	10.1	0.648	0.183	0.0686	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J20	100	186.067	0.035	1.4	0.0401	0.0000	OK
180 minute winter	J21	100	186.047	0.038	1.8	0.0425	0.0000	OK
180 minute winter	J22	100	186.007	0.043	2.1	0.0491	0.0000	OK
180 minute winter	J23	100	185.985	0.043	2.3	0.0490	0.0000	OK
180 minute winter	J24	100	185.873	0.056	3.5	0.0637	0.0000	OK
180 minute winter	J25	100	185.857	0.061	3.8	0.0687	0.0000	OK
180 minute winter	J26	100	185.844	0.065	4.2	0.0734	0.0000	OK
180 minute winter	J27	100	185.805	0.069	5.5	0.0780	0.0000	OK
180 minute winter	J28	96	186.388	0.032	1.3	0.0360	0.0000	OK
180 minute winter	J29	96	186.307	0.036	1.5	0.0412	0.0000	OK
180 minute winter	J30	96	186.200	0.053	3.1	0.0599	0.0000	OK
180 minute winter	J31	96	186.098	0.054	3.5	0.0606	0.0000	OK
180 minute winter	J32	96	186.063	0.052	3.8	0.0591	0.0000	OK
180 minute winter	J33	96	185.569	0.034	5.2	0.0385	0.0000	OK
180 minute winter	J34	96	185.189	0.064	6.4	0.0725	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J20	23.002	J21	1.4	0.434	0.106	0.0125	
180 minute winter	J21	23.003	J22	1.8	0.461	0.132	0.0307	
180 minute winter	J22	23.004	J23	2.1	0.496	0.155	0.0152	
180 minute winter	J23	23.005	S18	2.3	0.552	0.168	0.0307	
180 minute winter	J24	23.007	J25	3.5	0.430	0.117	0.0506	
180 minute winter	J25	23.008	J26	3.8	0.425	0.127	0.0449	
180 minute winter	J26	23.009	S19	4.2	0.431	0.136	0.0359	
180 minute winter	J27	23.011	S4	5.5	0.585	0.184	0.0225	
180 minute winter	J28	32.001	J29	1.3	0.534	0.212	0.0208	
180 minute winter	J29	32.002	S12	1.5	0.611	0.255	0.0115	
180 minute winter	J30	32.004	J31	3.1	0.592	0.237	0.0264	
180 minute winter	J31	32.005	J32	3.5	0.486	0.115	0.0692	
180 minute winter	J32	32.006	S13	3.8	0.708	0.125	0.0286	
180 minute winter	J33	32.008	S14	5.2	0.875	0.050	0.0545	
180 minute winter	J34	32.010	J35	6.4	0.902	0.165	0.0645	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J35	100	185.117	0.041	6.6	0.0469	0.0000	OK
180 minute winter	J36	100	184.943	0.068	7.0	0.0774	0.0000	OK
180 minute winter	J37	100	184.571	0.071	8.4	0.0808	0.0000	OK
180 minute winter	J38	100	184.391	0.091	9.9	0.1031	0.0000	OK
180 minute winter	J39	100	184.358	0.084	10.2	0.0953	0.0000	OK
180 minute winter	J40	100	184.335	0.070	10.5	0.0787	0.0000	OK
180 minute winter	J41	104	184.615	0.018	0.4	0.0206	0.0000	OK
180 minute winter	J42	104	184.562	0.025	0.8	0.0280	0.0000	OK
180 minute winter	J43	96	184.425	0.045	2.0	0.0508	0.0000	OK
180 minute winter	J44	100	184.413	0.043	2.3	0.0491	0.0000	OK
180 minute winter	J45	100	184.368	0.048	2.6	0.0546	0.0000	OK
180 minute winter	J46	100	184.286	0.064	3.8	0.0726	0.0000	OK
180 minute winter	J47	100	184.279	0.072	4.1	0.0817	0.0000	OK
180 minute winter	J48	100	184.266	0.072	5.3	0.0817	0.0000	OK
180 minute winter	J49	100	184.253	0.083	5.7	0.0944	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J35	32.011	J36	6.7	0.889	0.075	0.0522	
180 minute winter	J36	32.012	S15	7.0	0.869	0.233	0.0192	
180 minute winter	J37	32.014	S16	8.4	0.977	0.153	0.0460	
180 minute winter	J38	32.016	J39	9.9	0.576	0.183	0.1853	
180 minute winter	J39	32.017	J40	10.2	0.716	0.186	0.0522	
180 minute winter	J40	32.018	S10	10.5	0.890	0.105	0.1130	
180 minute winter	J41	48.002	J42	0.4	0.350	0.073	0.0077	
180 minute winter	J42	48.003	S21	0.8	0.510	0.128	0.0121	
180 minute winter	J43	48.005	J44	2.0	0.470	0.145	0.0069	
180 minute winter	J44	48.006	J45	2.3	0.505	0.172	0.0399	
180 minute winter	J45	48.007	S22	2.6	0.559	0.189	0.0109	
180 minute winter	J46	48.009	J47	3.8	0.374	0.123	0.0428	
180 minute winter	J47	48.010	S23	4.1	0.358	0.135	0.0301	
180 minute winter	J48	48.012	J49	5.3	0.442	0.179	0.0907	
180 minute winter	J49	48.013	J50	5.7	0.439	0.185	0.0148	

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J50	100	184.245	0.080	6.0	0.0905	0.0000	OK
180 minute winter	J51	100	184.233	0.085	6.3	0.0960	0.0000	OK
180 minute winter	J52	100	184.224	0.080	6.7	0.0901	0.0000	OK
180 minute winter	J53	100	184.204	0.077	7.0	0.0866	0.0000	OK
180 minute winter	J54	100	185.163	0.034	1.3	0.0389	0.0000	OK
180 minute winter	J55	100	185.127	0.033	1.7	0.0373	0.0000	OK
180 minute winter	J56	100	184.102	0.095	9.9	0.1078	0.0000	OK
180 minute winter	J57	100	184.082	0.097	10.2	0.1095	0.0000	OK
180 minute winter	BASIN 1	180	185.459	0.534	16.8	54.9716	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.755	0.455	2.6	44.8118	0.0000	OK
180 minute winter	BASIN 3	420	182.766	-0.334	13.4	59.9516	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J50	48.014	J51	6.0	0.458	0.201	0.0668	
180 minute winter	J51	48.015	J52	6.3	0.479	0.205	0.0149	
180 minute winter	J52	48.016	J53	6.7	0.550	0.220	0.0596	
180 minute winter	J53	48.017	S24	7.0	0.637	0.232	0.1128	
180 minute winter	J54	65.002	J55	1.3	0.577	0.226	0.0084	
180 minute winter	J55	65.003	S24	1.7	0.759	0.219	0.0172	
180 minute winter	J56	48.019	J57	9.9	0.512	0.183	0.1765	
180 minute winter	J57	48.020	S25	10.2	0.534	0.187	0.1169	
180 minute winter	BASIN 1	1.023	S5	2.5	0.170	0.030	0.9418	
180 minute winter	BASIN 1	Infiltration		0.1				2.3
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
180 minute winter	BASIN 2	71.000	BH1	1.3	0.548	0.216	0.1829	
180 minute winter	BASIN 2	Infiltration		0.0				0.0
180 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	BASIN 4	204	183.507	0.177	12.2	50.4124	0.0000	OK
180 minute winter	SWALE 1	180	184.919	0.045	2.5	0.0643	0.0000	OK
180 minute winter	SWALE 2	4	184.375	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	100	184.074	0.079	11.9	0.1125	0.0000	OK
180 minute winter	BH1	420	184.755	0.677	1.3	2.7665	0.0000	OK
180 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute winter	BH3	200	183.507	0.188	1.9	2.4823	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	BASIN 4	48.022	BH3	1.9	0.471	0.035	0.2042	
180 minute winter	BASIN 4	Infiltration		0.0				0.0
180 minute winter	SWALE 1	1.025	S6	2.5	0.343	0.030	0.2741	
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
180 minute winter	SWALE 3	1.033	BASIN 3	11.9	0.720	0.095	0.7114	
180 minute winter	BH1	Infiltration		0.1				2.0
180 minute winter	BH2	Infiltration		0.0				0.0
180 minute winter	BH3	Infiltration		0.2				3.8

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	128	188.392	0.022	0.9	0.0320	0.0000	OK
240 minute summer	S2	128	187.122	0.083	7.7	0.1433	0.0000	OK
240 minute summer	S3	128	186.217	0.080	10.5	0.1067	0.0000	OK
240 minute summer	S4	208	185.469	0.091	18.2	0.1162	0.0000	OK
240 minute summer	S5	208	185.469	0.559	2.5	0.7995	0.0000	SURCHARGED
240 minute summer	S6	208	184.852	0.044	2.5	0.0626	0.0000	OK
240 minute summer	S7	480	184.760	0.001	0.0	0.0017	0.0000	OK
240 minute summer	S8	4	184.330	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.170	0.045	0.1	0.0638	0.0000	OK
240 minute summer	S10	128	184.170	0.057	13.5	0.1029	0.0000	OK
240 minute summer	S11	124	186.432	0.032	1.2	0.0502	0.0000	OK
240 minute summer	S12	124	186.230	0.054	3.2	0.0804	0.0000	OK
240 minute summer	S13	128	186.029	0.036	5.3	0.0545	0.0000	OK
240 minute summer	S14	128	185.238	0.063	7.1	0.0995	0.0000	OK
240 minute summer	S15	128	184.918	0.050	9.2	0.0793	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S1	1.000	J1	0.9	0.476	0.103	0.0159	
240 minute summer	S2	1.012	J12	7.7	0.642	0.258	0.0180	
240 minute summer	S3	1.019	J18	10.5	0.922	0.196	0.0590	
240 minute summer	S4	1.022	BASIN 1	18.2	1.022	0.109	0.7388	
240 minute summer	S5	1.024	SWALE 1	2.5	0.337	0.030	0.1516	
240 minute summer	S6	1.026	BASIN 2	2.5	0.412	0.029	0.0352	
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0004	
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0442	
240 minute summer	S9	1.031	S10	-0.1	0.024	-0.001	0.0593	
240 minute summer	S10	1.032	SWALE 3	13.5	0.948	0.041	0.0627	
240 minute summer	S11	32.000	J28	1.2	0.526	0.200	0.0102	
240 minute summer	S12	32.003	J30	3.2	0.542	0.239	0.0299	
240 minute summer	S13	32.007	J33	5.3	1.294	0.054	0.0535	
240 minute summer	S14	32.009	J34	7.1	0.735	0.140	0.0506	
240 minute summer	S15	32.013	J37	9.2	1.441	0.100	0.0596	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.527	0.040	10.9	0.0610	0.0000	OK
240 minute summer	S17	124	186.185	0.035	1.5	0.0554	0.0000	OK
240 minute summer	S18	128	185.886	0.062	3.8	0.0918	0.0000	OK
240 minute summer	S19	128	185.839	0.073	5.9	0.1045	0.0000	OK
240 minute summer	S20	132	184.662	0.020	0.5	0.0222	0.0000	OK
240 minute summer	S21	128	184.450	0.041	1.9	0.0542	0.0000	OK
240 minute summer	S22	128	184.298	0.067	3.9	0.0862	0.0000	OK
240 minute summer	S23	128	184.279	0.081	5.6	0.1043	0.0000	OK
240 minute summer	S24	132	184.120	0.103	10.6	0.1356	0.0000	OK
240 minute summer	S25	128	184.067	0.097	11.9	0.1338	0.0000	OK
240 minute summer	S26	124	185.401	0.023	1.3	0.0347	0.0000	OK
240 minute summer	FC1	132	188.392	0.142	0.4	0.1836	0.0000	SURCHARGED
240 minute summer	FC2	132	188.293	0.143	0.4	0.1844	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S16	32.015	J38	10.9	0.895	0.034	0.0293	
240 minute summer	S17	23.001	J20	1.4	0.609	0.242	0.0169	
240 minute summer	S18	23.006	J24	3.7	0.429	0.117	0.0160	
240 minute summer	S19	23.010	J27	5.9	0.530	0.198	0.0997	
240 minute summer	S20	48.001	J41	0.5	0.445	0.079	0.0049	
240 minute summer	S21	48.004	J43	1.9	0.444	0.145	0.0222	
240 minute summer	S22	48.008	J46	3.9	0.393	0.125	0.0244	
240 minute summer	S23	48.011	J48	5.6	0.450	0.181	0.0139	
240 minute summer	S24	48.018	J56	10.6	0.506	0.198	0.0888	
240 minute summer	S25	48.021	BASIN 4	11.9	0.675	0.223	0.0678	
240 minute summer	S26	65.001	J54	1.2	0.634	0.120	0.0169	
240 minute summer	FC1	2.000	J1	0.4	0.264	0.058	0.0081	
240 minute summer	FC1	Infiltration		0.0				0.0
240 minute summer	FC2	3.000	J2	0.4	0.411	0.060	0.0039	
240 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC3	132	188.439	0.239	0.6	0.3225	0.0000	SURCHARGED
240 minute summer	FC4	132	188.290	0.090	0.3	0.1122	0.0000	OK
240 minute summer	FC5	132	188.143	0.143	0.4	0.1845	0.0000	SURCHARGED
240 minute summer	FC6	132	187.939	0.089	0.3	0.1113	0.0000	OK
240 minute summer	FC7	132	187.840	0.090	0.3	0.1125	0.0000	OK
240 minute summer	FC8	132	187.890	0.140	0.4	0.1808	0.0000	SURCHARGED
240 minute summer	FC9	132	187.561	0.091	0.3	0.1138	0.0000	OK
240 minute summer	FC10	132	187.708	0.238	0.6	0.3220	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC3	4.000	J3	0.5	0.465	0.076	0.0095	
240 minute summer	FC3	Infiltration		0.0				0.0
240 minute summer	FC4	5.000	J4	0.3	0.450	0.037	0.0045	
240 minute summer	FC4	Infiltration		0.0				0.0
240 minute summer	FC5	6.000	J5	0.4	0.409	0.060	0.0036	
240 minute summer	FC5	Infiltration		0.0				0.0
240 minute summer	FC6	7.000	J6	0.3	0.500	0.032	0.0041	
240 minute summer	FC6	Infiltration		0.0				0.0
240 minute summer	FC7	8.000	J7	0.3	0.435	0.039	0.0046	
240 minute summer	FC7	Infiltration		0.0				0.0
240 minute summer	FC8	9.000	J8	0.4	0.574	0.037	0.0026	
240 minute summer	FC8	Infiltration		0.0				0.0
240 minute summer	FC9	10.000	J9	0.3	0.384	0.047	0.0052	
240 minute summer	FC9	Infiltration		0.0				0.0
240 minute summer	FC10	11.000	J10	0.5	0.483	0.071	0.0061	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC11	132	187.463	0.143	0.4	0.1843	0.0000	SURCHARGED
240 minute summer	FC12	132	187.373	0.143	0.4	0.1844	0.0000	SURCHARGED
240 minute summer	FC13	132	187.143	0.143	0.4	0.1843	0.0000	SURCHARGED
240 minute summer	FC14	144	186.955	0.055	0.4	0.6969	0.0000	OK
240 minute summer	FC15	132	187.288	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC16	132	186.991	0.091	0.3	0.1133	0.0000	OK
240 minute summer	FC17	132	187.088	0.088	0.3	0.1103	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC10	Infiltration		0.0				0.0
240 minute summer	FC11	12.000	J11	0.4	0.412	0.061	0.0067	
240 minute summer	FC11	Infiltration		0.0				0.0
240 minute summer	FC12	13.000	S2	0.4	0.412	0.060	0.0060	
240 minute summer	FC12	Infiltration		0.0				0.0
240 minute summer	FC13	14.000	J12	0.4	0.413	0.060	0.0059	
240 minute summer	FC13	Infiltration		0.0				0.0
240 minute summer	FC14	15.000	J13	0.2	0.352	0.035	0.0044	
240 minute summer	FC14	Infiltration		0.0				0.0
240 minute summer	FC15	16.000	J14	0.3	0.810	0.016	0.0016	
240 minute summer	FC15	Infiltration		0.0				0.0
240 minute summer	FC16	17.000	J15	0.3	0.401	0.044	0.0053	
240 minute summer	FC16	Infiltration		0.0				0.0
240 minute summer	FC17	18.000	J16	0.3	0.634	0.023	0.0021	
240 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC18	132	186.641	0.091	0.3	0.1139	0.0000	OK
240 minute summer	FC19	132	186.543	0.143	0.4	0.1844	0.0000	SURCHARGED
240 minute summer	FC20	132	187.089	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC21	132	186.443	0.143	0.4	0.1843	0.0000	SURCHARGED
240 minute summer	FC22	144	186.494	0.044	0.3	0.4220	0.0000	OK
240 minute summer	FC23	132	186.388	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC24	132	186.439	0.139	0.4	0.1790	0.0000	SURCHARGED
240 minute summer	FC25	132	186.689	0.139	0.4	0.1789	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC18	19.000	J17	0.3	0.383	0.047	0.0051	
240 minute summer	FC18	Infiltration		0.0				0.0
240 minute summer	FC19	20.000	S3	0.4	0.411	0.061	0.0058	
240 minute summer	FC19	Infiltration		0.0				0.0
240 minute summer	FC20	21.000	J18	0.4	0.825	0.022	0.0019	
240 minute summer	FC20	Infiltration		0.0				0.0
240 minute summer	FC21	22.000	J19	0.4	0.411	0.061	0.0066	
240 minute summer	FC21	Infiltration		0.0				0.0
240 minute summer	FC22	23.000	S17	0.2	0.281	0.012	0.0064	
240 minute summer	FC22	Infiltration		0.0				0.0
240 minute summer	FC23	24.000	J20	0.3	0.672	0.021	0.0019	
240 minute summer	FC23	Infiltration		0.0				0.0
240 minute summer	FC24	25.000	J21	0.4	0.745	0.026	0.0022	
240 minute summer	FC24	Infiltration		0.0				0.0
240 minute summer	FC25	26.000	J22	0.4	0.819	0.023	0.0021	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC26	144	186.493	0.043	0.3	0.4312	0.0000	OK
240 minute summer	FC27	132	186.588	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC28	132	186.639	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC29	132	186.639	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC30	132	186.889	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC31	132	186.539	0.089	0.3	0.1110	0.0000	OK
240 minute summer	FC32	132	186.538	0.088	0.3	0.1103	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC25	Infiltration		0.0				0.0
240 minute summer	FC26	27.000	J23	0.2	0.589	0.014	0.0014	
240 minute summer	FC26	Infiltration		0.0				0.0
240 minute summer	FC27	28.000	J24	0.3	0.940	0.013	0.0013	
240 minute summer	FC27	Infiltration		0.0				0.0
240 minute summer	FC28	29.000	J25	0.4	0.823	0.023	0.0019	
240 minute summer	FC28	Infiltration		0.0				0.0
240 minute summer	FC29	30.000	J26	0.4	0.801	0.023	0.0021	
240 minute summer	FC29	Infiltration		0.0				0.0
240 minute summer	FC30	31.000	J27	0.4	0.769	0.025	0.0021	
240 minute summer	FC30	Infiltration		0.0				0.0
240 minute summer	FC31	33.000	J28	0.3	0.235	0.031	0.0061	
240 minute summer	FC31	Infiltration		0.0				0.0
240 minute summer	FC32	34.000	J29	0.3	0.208	0.022	0.0066	
240 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC33	132	186.589	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC34	132	186.593	0.143	0.4	0.1841	0.0000	SURCHARGED
240 minute summer	FC35	132	186.589	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC36	132	186.589	0.139	0.4	0.1789	0.0000	SURCHARGED
240 minute summer	FC37	132	186.036	0.236	0.6	0.3194	0.0000	SURCHARGED
240 minute summer	FC38	144	185.489	0.039	0.3	0.4715	0.0000	OK
240 minute summer	FC39	132	185.538	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC40	132	185.639	0.139	0.4	0.1789	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC33	35.000	S12	0.4	0.756	0.025	0.0020	
240 minute summer	FC33	Infiltration		0.0				0.0
240 minute summer	FC34	36.000	J30	0.4	0.423	0.058	0.0040	
240 minute summer	FC34	Infiltration		0.0				0.0
240 minute summer	FC35	37.000	J31	0.4	0.761	0.025	0.0024	
240 minute summer	FC35	Infiltration		0.0				0.0
240 minute summer	FC36	38.000	J32	0.4	0.797	0.024	0.0023	
240 minute summer	FC36	Infiltration		0.0				0.0
240 minute summer	FC37	39.000	J33	0.5	0.593	0.053	0.0052	
240 minute summer	FC37	Infiltration		0.0				0.0
240 minute summer	FC38	40.000	J34	0.2	0.556	0.014	0.0014	
240 minute summer	FC38	Infiltration		0.0				0.0
240 minute summer	FC39	41.000	J35	0.3	0.712	0.019	0.0017	
240 minute summer	FC39	Infiltration		0.0				0.0
240 minute summer	FC40	42.000	J36	0.4	0.936	0.019	0.0020	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC41	132	184.990	0.140	0.4	0.1802	0.0000	SURCHARGED
240 minute summer	FC42	132	184.741	0.141	0.4	0.1814	0.0000	SURCHARGED
240 minute summer	FC43	132	184.740	0.140	0.4	0.1803	0.0000	SURCHARGED
240 minute summer	FC44	124	184.612	0.012	0.3	0.0148	0.0000	OK
240 minute summer	FC45	132	184.688	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC46	132	184.939	0.239	0.6	0.3231	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	132	184.939	0.139	0.4	0.1789	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC40	Infiltration		0.0				0.0
240 minute summer	FC41	43.000	J37	0.4	0.613	0.034	0.0029	
240 minute summer	FC41	Infiltration		0.0				0.0
240 minute summer	FC42	44.000	J38	0.4	0.535	0.041	0.0033	
240 minute summer	FC42	Infiltration		0.0				0.0
240 minute summer	FC43	45.000	J39	0.4	0.607	0.035	0.0026	
240 minute summer	FC43	Infiltration		0.0				0.0
240 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
240 minute summer	FC44	Infiltration		0.0				0.0
240 minute summer	FC45	47.000	S10	0.3	0.663	0.021	0.0019	
240 minute summer	FC45	Infiltration		0.0				0.0
240 minute summer	FC46	48.000	S20	0.5	0.439	0.080	0.0065	
240 minute summer	FC46	Infiltration		0.0				0.0
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
240 minute summer	FC48	50.000	J42	0.4	0.361	0.026	0.0052	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC49	132	184.943	0.143	0.4	0.1845	0.0000	SURCHARGED
240 minute summer	FC50	132	184.943	0.143	0.4	0.1845	0.0000	SURCHARGED
240 minute summer	FC51	132	184.993	0.143	0.4	0.1844	0.0000	SURCHARGED
240 minute summer	FC52	132	185.390	0.140	0.4	0.1804	0.0000	SURCHARGED
240 minute summer	FC53	132	185.390	0.140	0.4	0.1809	0.0000	SURCHARGED
240 minute summer	FC54	132	185.338	0.088	0.3	0.1104	0.0000	OK
240 minute summer	FC55	132	185.338	0.088	0.3	0.1103	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC48	Infiltration		0.0				0.0
240 minute summer	FC49	51.000	S21	0.4	0.409	0.060	0.0038	
240 minute summer	FC49	Infiltration		0.0				0.0
240 minute summer	FC50	52.000	J43	0.4	0.410	0.060	0.0041	
240 minute summer	FC50	Infiltration		0.0				0.0
240 minute summer	FC51	55.000	S22	0.4	0.411	0.060	0.0053	
240 minute summer	FC51	Infiltration		0.0				0.0
240 minute summer	FC52	58.000	S23	0.4	0.597	0.036	0.0033	
240 minute summer	FC52	Infiltration		0.0				0.0
240 minute summer	FC53	61.000	J50	0.4	0.562	0.039	0.0027	
240 minute summer	FC53	Infiltration		0.0				0.0
240 minute summer	FC54	62.000	J51	0.3	0.578	0.026	0.0019	
240 minute summer	FC54	Infiltration		0.0				0.0
240 minute summer	FC55	64.000	J53	0.3	0.728	0.019	0.0016	
240 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC56	132	185.438	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC57	132	185.438	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC58	132	185.438	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC59	132	185.438	0.088	0.3	0.1103	0.0000	OK
240 minute summer	FC60	132	185.489	0.139	0.4	0.1795	0.0000	SURCHARGED
240 minute summer	FC61	132	185.440	0.140	0.4	0.1813	0.0000	SURCHARGED
240 minute summer	FC62	132	185.487	0.237	0.6	0.3205	0.0000	SURCHARGED
240 minute summer	FC63	132	185.491	0.091	0.3	0.1136	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC56	53.000	J44	0.3	0.750	0.018	0.0025	
240 minute summer	FC56	Infiltration		0.0				0.0
240 minute summer	FC57	54.000	J45	0.3	0.704	0.020	0.0026	
240 minute summer	FC57	Infiltration		0.0				0.0
240 minute summer	FC58	56.000	J46	0.3	0.677	0.021	0.0026	
240 minute summer	FC58	Infiltration		0.0				0.0
240 minute summer	FC59	57.000	J47	0.3	0.628	0.023	0.0029	
240 minute summer	FC59	Infiltration		0.0				0.0
240 minute summer	FC60	59.000	J48	0.4	0.669	0.030	0.0035	
240 minute summer	FC60	Infiltration		0.0				0.0
240 minute summer	FC61	60.000	J49	0.4	0.538	0.041	0.0049	
240 minute summer	FC61	Infiltration		0.0				0.0
240 minute summer	FC62	63.000	J52	0.5	0.537	0.062	0.0083	
240 minute summer	FC62	Infiltration		0.0				0.0
240 minute summer	FC63	65.000	S26	0.3	0.293	0.047	0.0025	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC64	132	185.241	0.091	0.3	0.1140	0.0000	OK
240 minute summer	FC65	132	185.290	0.140	0.4	0.1804	0.0000	SURCHARGED
240 minute summer	FC66	132	185.142	0.142	0.4	0.1831	0.0000	SURCHARGED
240 minute summer	FC67	144	184.843	0.043	0.3	0.4410	0.0000	OK
240 minute summer	FC68	132	184.639	0.089	0.3	0.1114	0.0000	OK
240 minute summer	J1	128	188.237	0.037	2.1	0.0542	0.0000	OK
240 minute summer	J2	128	188.108	0.052	2.5	0.0590	0.0000	OK
240 minute summer	J3	128	188.098	0.048	2.9	0.0545	0.0000	OK
240 minute summer	J4	128	188.073	0.034	3.2	0.0381	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC63	Infiltration		0.0				0.0
240 minute summer	FC64	66.000	J54	0.3	0.191	0.047	0.0036	
240 minute summer	FC64	Infiltration		0.0				0.0
240 minute summer	FC65	67.000	J55	0.4	0.276	0.037	0.0033	
240 minute summer	FC65	Infiltration		0.0				0.0
240 minute summer	FC66	68.000	S24	0.4	0.462	0.050	0.0016	
240 minute summer	FC66	Infiltration		0.0				0.0
240 minute summer	FC67	69.000	J56	0.2	0.328	0.030	0.0011	
240 minute summer	FC67	Infiltration		0.0				0.0
240 minute summer	FC68	70.000	J57	0.3	0.504	0.031	0.0013	
240 minute summer	FC68	Infiltration		0.0				0.0
240 minute summer	J1	1.001	J2	2.1	0.853	0.258	0.0126	
240 minute summer	J2	1.002	J3	2.5	0.482	0.185	0.0054	
240 minute summer	J3	1.003	J4	2.9	0.756	0.221	0.0076	
240 minute summer	J4	1.004	J5	3.2	1.154	0.094	0.0098	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J5	128	187.941	0.031	3.5	0.0350	0.0000	OK
240 minute summer	J6	128	187.693	0.043	3.8	0.0484	0.0000	OK
240 minute summer	J7	128	187.578	0.053	4.1	0.0604	0.0000	OK
240 minute summer	J8	128	187.555	0.034	4.3	0.0385	0.0000	OK
240 minute summer	J9	132	187.332	0.057	4.7	0.0639	0.0000	OK
240 minute summer	J10	132	187.302	0.032	5.2	0.0367	0.0000	OK
240 minute summer	J11	132	187.166	0.045	5.5	0.0510	0.0000	OK
240 minute summer	J12	128	186.866	0.057	8.1	0.0642	0.0000	OK
240 minute summer	J13	128	186.718	0.091	8.2	0.1024	0.0000	OK
240 minute summer	J14	128	186.708	0.085	8.5	0.0967	0.0000	OK
240 minute summer	J15	128	186.693	0.076	8.8	0.0864	0.0000	OK
240 minute summer	J16	128	186.663	0.058	9.0	0.0652	0.0000	OK
240 minute summer	J17	128	186.322	0.039	9.3	0.0442	0.0000	OK
240 minute summer	J18	128	186.176	0.051	10.8	0.0574	0.0000	OK
240 minute summer	J19	128	186.120	0.093	11.1	0.1055	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J5	1.005	J6	3.5	1.059	0.093	0.0191	
240 minute summer	J6	1.006	J7	3.8	1.015	0.134	0.0074	
240 minute summer	J7	1.007	J8	4.0	0.748	0.129	0.0062	
240 minute summer	J8	1.008	J9	4.4	0.779	0.050	0.0489	
240 minute summer	J9	1.009	J10	4.7	0.847	0.141	0.0068	
240 minute summer	J10	1.010	J11	5.2	1.146	0.040	0.0112	
240 minute summer	J11	1.011	S2	5.5	0.601	0.086	0.0504	
240 minute summer	J12	1.013	J13	8.1	1.087	0.120	0.0480	
240 minute summer	J13	1.014	J14	8.2	0.479	0.145	0.0326	
240 minute summer	J14	1.015	J15	8.5	0.556	0.151	0.0293	
240 minute summer	J15	1.016	J16	8.8	0.749	0.165	0.0603	
240 minute summer	J16	1.017	J17	9.0	1.044	0.063	0.0291	
240 minute summer	J17	1.018	S3	9.3	0.941	0.030	0.0193	
240 minute summer	J18	1.020	J19	10.8	0.833	0.038	0.0197	
240 minute summer	J19	1.021	S4	11.1	0.665	0.202	0.0739	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J20	124	186.070	0.039	1.7	0.0438	0.0000	OK
240 minute summer	J21	124	186.049	0.040	2.0	0.0457	0.0000	OK
240 minute summer	J22	128	186.009	0.046	2.4	0.0525	0.0000	OK
240 minute summer	J23	128	185.988	0.046	2.5	0.0521	0.0000	OK
240 minute summer	J24	128	185.878	0.061	4.0	0.0686	0.0000	OK
240 minute summer	J25	128	185.862	0.066	4.4	0.0741	0.0000	OK
240 minute summer	J26	128	185.849	0.070	4.7	0.0792	0.0000	OK
240 minute summer	J27	128	185.810	0.074	6.3	0.0837	0.0000	OK
240 minute summer	J28	124	186.390	0.034	1.4	0.0387	0.0000	OK
240 minute summer	J29	124	186.310	0.039	1.7	0.0436	0.0000	OK
240 minute summer	J30	124	186.203	0.056	3.5	0.0635	0.0000	OK
240 minute summer	J31	128	186.101	0.057	3.8	0.0641	0.0000	OK
240 minute summer	J32	128	186.066	0.055	4.2	0.0623	0.0000	OK
240 minute summer	J33	128	185.571	0.036	5.8	0.0406	0.0000	OK
240 minute summer	J34	128	185.193	0.068	7.2	0.0773	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J20	23.002	J21	1.7	0.456	0.125	0.0140	
240 minute summer	J21	23.003	J22	2.0	0.479	0.150	0.0338	
240 minute summer	J22	23.004	J23	2.4	0.512	0.174	0.0165	
240 minute summer	J23	23.005	S18	2.5	0.569	0.189	0.0333	
240 minute summer	J24	23.007	J25	4.0	0.442	0.133	0.0563	
240 minute summer	J25	23.008	J26	4.4	0.434	0.145	0.0499	
240 minute summer	J26	23.009	S19	4.7	0.440	0.154	0.0400	
240 minute summer	J27	23.011	S4	6.3	0.609	0.211	0.0247	
240 minute summer	J28	32.001	J29	1.4	0.557	0.242	0.0227	
240 minute summer	J29	32.002	S12	1.7	0.627	0.283	0.0124	
240 minute summer	J30	32.004	J31	3.5	0.609	0.263	0.0286	
240 minute summer	J31	32.005	J32	3.8	0.501	0.128	0.0747	
240 minute summer	J32	32.006	S13	4.2	0.728	0.140	0.0309	
240 minute summer	J33	32.008	S14	5.8	0.895	0.056	0.0599	
240 minute summer	J34	32.010	J35	7.3	0.937	0.188	0.0706	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J35	128	185.119	0.044	7.5	0.0499	0.0000	OK
240 minute summer	J36	128	184.948	0.073	7.9	0.0823	0.0000	OK
240 minute summer	J37	128	184.576	0.076	9.5	0.0857	0.0000	OK
240 minute summer	J38	128	184.398	0.098	11.2	0.1103	0.0000	OK
240 minute summer	J39	128	184.364	0.090	11.6	0.1017	0.0000	OK
240 minute summer	J40	128	184.339	0.074	11.9	0.0841	0.0000	OK
240 minute summer	J41	136	184.616	0.019	0.5	0.0216	0.0000	OK
240 minute summer	J42	136	184.563	0.026	0.8	0.0295	0.0000	OK
240 minute summer	J43	128	184.428	0.048	2.3	0.0540	0.0000	OK
240 minute summer	J44	128	184.416	0.046	2.5	0.0519	0.0000	OK
240 minute summer	J45	132	184.371	0.051	2.8	0.0574	0.0000	OK
240 minute summer	J46	128	184.291	0.069	4.2	0.0777	0.0000	OK
240 minute summer	J47	128	184.284	0.077	4.5	0.0871	0.0000	OK
240 minute summer	J48	132	184.271	0.077	5.9	0.0869	0.0000	OK
240 minute summer	J49	132	184.257	0.088	6.3	0.1000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J35	32.011	J36	7.5	0.922	0.085	0.0569	
240 minute summer	J36	32.012	S15	7.9	0.896	0.263	0.0210	
240 minute summer	J37	32.014	S16	9.6	1.005	0.173	0.0506	
240 minute summer	J38	32.016	J39	11.2	0.598	0.208	0.2032	
240 minute summer	J39	32.017	J40	11.6	0.741	0.212	0.0572	
240 minute summer	J40	32.018	S10	11.9	0.920	0.119	0.1238	
240 minute summer	J41	48.002	J42	0.5	0.358	0.080	0.0083	
240 minute summer	J42	48.003	S21	0.8	0.524	0.141	0.0130	
240 minute summer	J43	48.005	J44	2.3	0.483	0.162	0.0075	
240 minute summer	J44	48.006	J45	2.5	0.518	0.190	0.0430	
240 minute summer	J45	48.007	S22	2.8	0.572	0.208	0.0117	
240 minute summer	J46	48.009	J47	4.2	0.377	0.136	0.0468	
240 minute summer	J47	48.010	S23	4.5	0.360	0.148	0.0328	
240 minute summer	J48	48.012	J49	5.9	0.449	0.198	0.0984	
240 minute summer	J49	48.013	J50	6.3	0.447	0.204	0.0160	

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J50	132	184.250	0.085	6.6	0.0959	0.0000	OK
240 minute summer	J51	132	184.238	0.090	6.9	0.1013	0.0000	OK
240 minute summer	J52	132	184.228	0.084	7.4	0.0949	0.0000	OK
240 minute summer	J53	132	184.207	0.080	7.7	0.0910	0.0000	OK
240 minute summer	J54	124	185.165	0.036	1.5	0.0412	0.0000	OK
240 minute summer	J55	128	185.129	0.034	1.8	0.0390	0.0000	OK
240 minute summer	J56	132	184.107	0.100	10.7	0.1127	0.0000	OK
240 minute summer	J57	132	184.086	0.101	11.0	0.1141	0.0000	OK
240 minute summer	BASIN 1	208	185.469	0.544	18.8	56.2204	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.804	0.504	2.6	50.3797	0.0000	OK
240 minute summer	BASIN 3	480	182.777	-0.323	15.3	64.0377	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J50	48.014	J51	6.6	0.468	0.222	0.0720	
240 minute summer	J51	48.015	J52	6.9	0.490	0.225	0.0160	
240 minute summer	J52	48.016	J53	7.4	0.563	0.242	0.0639	
240 minute summer	J53	48.017	S24	7.7	0.653	0.254	0.1205	
240 minute summer	J54	65.002	J55	1.5	0.598	0.250	0.0090	
240 minute summer	J55	65.003	S24	1.8	0.776	0.238	0.0183	
240 minute summer	J56	48.019	J57	10.7	0.522	0.198	0.1872	
240 minute summer	J57	48.020	S25	11.0	0.547	0.202	0.1235	
240 minute summer	BASIN 1	1.023	S5	2.5	0.181	0.030	0.9418	
240 minute summer	BASIN 1	Infiltration		0.1				2.5
240 minute summer	BASIN 2	1.027	S7	0.0	0.075	0.000	0.0054	
240 minute summer	BASIN 2	71.000	BH1	1.0	0.529	0.167	0.1829	
240 minute summer	BASIN 2	Infiltration		0.0				0.0
240 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
240 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	BASIN 4	260	183.521	0.191	13.4	54.5307	0.0000	OK
240 minute summer	SWALE 1	208	184.919	0.045	2.5	0.0646	0.0000	OK
240 minute summer	SWALE 2	480	184.375	0.000	0.0	0.0001	0.0000	OK
240 minute summer	SWALE 3	128	184.079	0.084	13.5	0.1201	0.0000	OK
240 minute summer	BH1	480	184.804	0.727	1.0	2.9100	0.0000	OK
240 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
240 minute summer	BH3	260	183.521	0.202	1.6	2.5480	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	BASIN 4	48.022	BH3	1.6	0.411	0.029	0.2227	
240 minute summer	BASIN 4	Infiltration		0.0				0.0
240 minute summer	SWALE 1	1.025	S6	2.5	0.344	0.030	0.2759	
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0001	
240 minute summer	SWALE 3	1.033	BASIN 3	13.5	0.748	0.108	0.7806	
240 minute summer	BH1	Infiltration		0.1				2.3
240 minute summer	BH2	Infiltration		0.0				0.0
240 minute summer	BH3	Infiltration		0.2				4.2

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	120	188.388	0.018	0.6	0.0262	0.0000	OK
240 minute winter	S2	128	187.110	0.071	5.8	0.1233	0.0000	OK
240 minute winter	S3	132	186.207	0.070	7.9	0.0931	0.0000	OK
240 minute winter	S4	224	185.478	0.100	13.7	0.1279	0.0000	OK
240 minute winter	S5	224	185.478	0.568	2.5	0.8125	0.0000	SURCHARGED
240 minute winter	S6	228	184.852	0.044	2.5	0.0628	0.0000	OK
240 minute winter	S7	480	184.766	0.007	0.2	0.0097	0.0000	OK
240 minute winter	S8	480	184.332	0.002	0.0	0.0028	0.0000	OK
240 minute winter	S9	132	184.160	0.035	0.0	0.0502	0.0000	OK
240 minute winter	S10	132	184.160	0.047	9.8	0.0856	0.0000	OK
240 minute winter	S11	120	186.426	0.026	0.8	0.0404	0.0000	OK
240 minute winter	S12	132	186.221	0.045	2.3	0.0666	0.0000	OK
240 minute winter	S13	132	186.024	0.031	4.0	0.0470	0.0000	OK
240 minute winter	S14	132	185.228	0.053	5.2	0.0839	0.0000	OK
240 minute winter	S15	132	184.910	0.043	6.7	0.0675	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S1	1.000	J1	0.6	0.423	0.069	0.0120	
240 minute winter	S2	1.012	J12	5.8	0.593	0.194	0.0146	
240 minute winter	S3	1.019	J18	7.9	0.873	0.149	0.0474	
240 minute winter	S4	1.022	BASIN 1	13.7	0.913	0.082	0.7601	
240 minute winter	S5	1.024	SWALE 1	2.5	0.338	0.030	0.1525	
240 minute winter	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0354	
240 minute winter	S7	1.028	SWALE 2	0.1	0.277	0.000	0.0105	
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0309	
240 minute winter	S9	1.031	S10	0.0	-0.037	0.000	0.0438	
240 minute winter	S10	1.032	SWALE 3	9.8	0.881	0.030	0.0491	
240 minute winter	S11	32.000	J28	0.8	0.473	0.135	0.0077	
240 minute winter	S12	32.003	J30	2.3	0.496	0.171	0.0234	
240 minute winter	S13	32.007	J33	4.0	1.185	0.040	0.0434	
240 minute winter	S14	32.009	J34	5.2	0.678	0.103	0.0403	
240 minute winter	S15	32.013	J37	6.7	1.322	0.073	0.0476	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	132	184.520	0.033	7.9	0.0502	0.0000	OK
240 minute winter	S17	124	186.179	0.029	1.0	0.0462	0.0000	OK
240 minute winter	S18	124	185.876	0.052	2.8	0.0771	0.0000	OK
240 minute winter	S19	124	185.827	0.061	4.4	0.0879	0.0000	OK
240 minute winter	S20	136	184.660	0.017	0.4	0.0198	0.0000	OK
240 minute winter	S21	124	184.444	0.035	1.5	0.0470	0.0000	OK
240 minute winter	S22	124	184.287	0.055	3.0	0.0719	0.0000	OK
240 minute winter	S23	124	184.266	0.068	4.2	0.0877	0.0000	OK
240 minute winter	S24	128	184.106	0.089	8.2	0.1173	0.0000	OK
240 minute winter	S25	128	184.055	0.085	9.2	0.1174	0.0000	OK
240 minute winter	S26	128	185.397	0.020	0.9	0.0295	0.0000	OK
240 minute winter	FC1	140	188.350	0.100	0.3	0.1285	0.0000	OK
240 minute winter	FC2	140	188.250	0.100	0.3	0.1293	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S16	32.015	J38	7.9	0.835	0.025	0.0230	
240 minute winter	S17	23.001	J20	1.0	0.556	0.173	0.0132	
240 minute winter	S18	23.006	J24	2.8	0.404	0.086	0.0125	
240 minute winter	S19	23.010	J27	4.3	0.489	0.145	0.0791	
240 minute winter	S20	48.001	J41	0.4	0.417	0.063	0.0042	
240 minute winter	S21	48.004	J43	1.5	0.420	0.112	0.0181	
240 minute winter	S22	48.008	J46	3.0	0.387	0.095	0.0188	
240 minute winter	S23	48.011	J48	4.2	0.431	0.136	0.0109	
240 minute winter	S24	48.018	J56	8.2	0.478	0.153	0.0727	
240 minute winter	S25	48.021	BASIN 4	9.2	0.630	0.173	0.0564	
240 minute winter	S26	65.001	J54	0.9	0.575	0.087	0.0135	
240 minute winter	FC1	2.000	J1	0.3	0.237	0.047	0.0064	
240 minute winter	FC1	Infiltration		0.0				0.0
240 minute winter	FC2	3.000	J2	0.3	0.389	0.049	0.0034	
240 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC3	136	188.356	0.156	0.4	0.2102	0.0000	SURCHARGED
240 minute winter	FC4	148	188.251	0.051	0.2	0.0633	0.0000	OK
240 minute winter	FC5	140	188.100	0.100	0.3	0.1294	0.0000	SURCHARGED
240 minute winter	FC6	148	187.900	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC7	148	187.801	0.051	0.2	0.0636	0.0000	OK
240 minute winter	FC8	140	187.847	0.097	0.3	0.1255	0.0000	OK
240 minute winter	FC9	148	187.522	0.052	0.2	0.0648	0.0000	OK
240 minute winter	FC10	136	187.625	0.155	0.4	0.2097	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC3	4.000	J3	0.4	0.435	0.060	0.0081	
240 minute winter	FC3	Infiltration		0.0				0.0
240 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
240 minute winter	FC4	Infiltration		0.0				0.0
240 minute winter	FC5	6.000	J5	0.3	0.388	0.050	0.0031	
240 minute winter	FC5	Infiltration		0.0				0.0
240 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
240 minute winter	FC6	Infiltration		0.0				0.0
240 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
240 minute winter	FC7	Infiltration		0.0				0.0
240 minute winter	FC8	9.000	J8	0.3	0.541	0.031	0.0023	
240 minute winter	FC8	Infiltration		0.0				0.0
240 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
240 minute winter	FC9	Infiltration		0.0				0.0
240 minute winter	FC10	11.000	J10	0.4	0.452	0.057	0.0052	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC11	140	187.420	0.100	0.3	0.1292	0.0000	SURCHARGED
240 minute winter	FC12	140	187.330	0.100	0.3	0.1292	0.0000	SURCHARGED
240 minute winter	FC13	140	187.100	0.100	0.3	0.1292	0.0000	SURCHARGED
240 minute winter	FC14	160	186.950	0.050	0.3	0.6385	0.0000	OK
240 minute winter	FC15	148	187.250	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC16	148	186.952	0.051	0.2	0.0644	0.0000	OK
240 minute winter	FC17	148	187.050	0.050	0.2	0.0627	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC10	Infiltration		0.0				0.0
240 minute winter	FC11	12.000	J11	0.3	0.389	0.050	0.0058	
240 minute winter	FC11	Infiltration		0.0				0.0
240 minute winter	FC12	13.000	S2	0.3	0.389	0.050	0.0052	
240 minute winter	FC12	Infiltration		0.0				0.0
240 minute winter	FC13	14.000	J12	0.3	0.390	0.050	0.0052	
240 minute winter	FC13	Infiltration		0.0				0.0
240 minute winter	FC14	15.000	J13	0.2	0.346	0.033	0.0043	
240 minute winter	FC14	Infiltration		0.0				0.0
240 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
240 minute winter	FC15	Infiltration		0.0				0.0
240 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
240 minute winter	FC16	Infiltration		0.0				0.0
240 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
240 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC18	148	186.602	0.052	0.2	0.0649	0.0000	OK
240 minute winter	FC19	140	186.500	0.100	0.3	0.1293	0.0000	SURCHARGED
240 minute winter	FC20	140	187.046	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC21	140	186.400	0.100	0.3	0.1292	0.0000	SURCHARGED
240 minute winter	FC22	148	186.487	0.037	0.2	0.3599	0.0000	OK
240 minute winter	FC23	148	186.350	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC24	140	186.396	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC25	140	186.646	0.096	0.3	0.1241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
240 minute winter	FC18	Infiltration		0.0				0.0
240 minute winter	FC19	20.000	S3	0.3	0.388	0.050	0.0050	
240 minute winter	FC19	Infiltration		0.0				0.0
240 minute winter	FC20	21.000	J18	0.3	0.778	0.018	0.0016	
240 minute winter	FC20	Infiltration		0.0				0.0
240 minute winter	FC21	22.000	J19	0.3	0.389	0.050	0.0058	
240 minute winter	FC21	Infiltration		0.0				0.0
240 minute winter	FC22	23.000	S17	0.2	0.263	0.011	0.0050	
240 minute winter	FC22	Infiltration		0.0				0.0
240 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
240 minute winter	FC23	Infiltration		0.0				0.0
240 minute winter	FC24	25.000	J21	0.3	0.703	0.021	0.0019	
240 minute winter	FC24	Infiltration		0.0				0.0
240 minute winter	FC25	26.000	J22	0.3	0.772	0.019	0.0018	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC26	148	186.487	0.037	0.2	0.3692	0.0000	OK
240 minute winter	FC27	148	186.550	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC28	140	186.596	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC29	140	186.596	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC30	140	186.846	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC31	148	186.500	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC32	148	186.500	0.050	0.2	0.0627	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC25	Infiltration		0.0				0.0
240 minute winter	FC26	27.000	J23	0.2	0.569	0.012	0.0013	
240 minute winter	FC26	Infiltration		0.0				0.0
240 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0011	
240 minute winter	FC27	Infiltration		0.0				0.0
240 minute winter	FC28	29.000	J25	0.3	0.776	0.018	0.0017	
240 minute winter	FC28	Infiltration		0.0				0.0
240 minute winter	FC29	30.000	J26	0.3	0.755	0.019	0.0018	
240 minute winter	FC29	Infiltration		0.0				0.0
240 minute winter	FC30	31.000	J27	0.3	0.725	0.020	0.0018	
240 minute winter	FC30	Infiltration		0.0				0.0
240 minute winter	FC31	33.000	J28	0.2	0.215	0.022	0.0047	
240 minute winter	FC31	Infiltration		0.0				0.0
240 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0052	
240 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC33	140	186.546	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC34	140	186.550	0.100	0.3	0.1289	0.0000	OK
240 minute winter	FC35	140	186.546	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC36	140	186.546	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC37	136	185.953	0.153	0.4	0.2070	0.0000	SURCHARGED
240 minute winter	FC38	148	185.484	0.034	0.2	0.4103	0.0000	OK
240 minute winter	FC39	148	185.500	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC40	140	185.596	0.096	0.3	0.1241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC33	35.000	S12	0.3	0.713	0.021	0.0017	
240 minute winter	FC33	Infiltration		0.0				0.0
240 minute winter	FC34	36.000	J30	0.3	0.400	0.048	0.0035	
240 minute winter	FC34	Infiltration		0.0				0.0
240 minute winter	FC35	37.000	J31	0.3	0.717	0.021	0.0021	
240 minute winter	FC35	Infiltration		0.0				0.0
240 minute winter	FC36	38.000	J32	0.3	0.751	0.019	0.0020	
240 minute winter	FC36	Infiltration		0.0				0.0
240 minute winter	FC37	39.000	J33	0.4	0.554	0.042	0.0045	
240 minute winter	FC37	Infiltration		0.0				0.0
240 minute winter	FC38	40.000	J34	0.2	0.539	0.012	0.0013	
240 minute winter	FC38	Infiltration		0.0				0.0
240 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
240 minute winter	FC39	Infiltration		0.0				0.0
240 minute winter	FC40	42.000	J36	0.3	0.884	0.015	0.0017	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC41	140	184.947	0.097	0.3	0.1248	0.0000	OK
240 minute winter	FC42	140	184.698	0.098	0.3	0.1262	0.0000	OK
240 minute winter	FC43	140	184.697	0.097	0.3	0.1249	0.0000	OK
240 minute winter	FC44	108	184.610	0.010	0.2	0.0122	0.0000	OK
240 minute winter	FC45	148	184.650	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC46	136	184.856	0.156	0.4	0.2108	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	184.896	0.096	0.3	0.1241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC40	Infiltration		0.0				0.0
240 minute winter	FC41	43.000	J37	0.3	0.578	0.028	0.0026	
240 minute winter	FC41	Infiltration		0.0				0.0
240 minute winter	FC42	44.000	J38	0.3	0.505	0.034	0.0029	
240 minute winter	FC42	Infiltration		0.0				0.0
240 minute winter	FC43	45.000	J39	0.3	0.572	0.028	0.0022	
240 minute winter	FC43	Infiltration		0.0				0.0
240 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
240 minute winter	FC44	Infiltration		0.0				0.0
240 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
240 minute winter	FC45	Infiltration		0.0				0.0
240 minute winter	FC46	48.000	S20	0.4	0.412	0.063	0.0055	
240 minute winter	FC46	Infiltration		0.0				0.0
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0023	
240 minute winter	FC48	50.000	J42	0.3	0.344	0.021	0.0045	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC49	140	184.900	0.100	0.3	0.1293	0.0000	SURCHARGED
240 minute winter	FC50	140	184.900	0.100	0.3	0.1293	0.0000	SURCHARGED
240 minute winter	FC51	140	184.950	0.100	0.3	0.1292	0.0000	SURCHARGED
240 minute winter	FC52	140	185.347	0.097	0.3	0.1251	0.0000	OK
240 minute winter	FC53	140	185.347	0.097	0.3	0.1257	0.0000	OK
240 minute winter	FC54	148	185.300	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC55	148	185.300	0.050	0.2	0.0627	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC48	Infiltration		0.0				0.0
240 minute winter	FC49	51.000	S21	0.3	0.388	0.050	0.0033	
240 minute winter	FC49	Infiltration		0.0				0.0
240 minute winter	FC50	52.000	J43	0.3	0.388	0.050	0.0035	
240 minute winter	FC50	Infiltration		0.0				0.0
240 minute winter	FC51	55.000	S22	0.3	0.389	0.050	0.0046	
240 minute winter	FC51	Infiltration		0.0				0.0
240 minute winter	FC52	58.000	S23	0.3	0.563	0.029	0.0029	
240 minute winter	FC52	Infiltration		0.0				0.0
240 minute winter	FC53	61.000	J50	0.3	0.530	0.032	0.0024	
240 minute winter	FC53	Infiltration		0.0				0.0
240 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
240 minute winter	FC54	Infiltration		0.0				0.0
240 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
240 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC56	148	185.400	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC57	148	185.400	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC58	148	185.400	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC59	148	185.400	0.050	0.2	0.0627	0.0000	OK
240 minute winter	FC60	140	185.446	0.096	0.3	0.1241	0.0000	OK
240 minute winter	FC61	140	185.398	0.098	0.3	0.1261	0.0000	OK
240 minute winter	FC62	136	185.404	0.154	0.4	0.2082	0.0000	SURCHARGED
240 minute winter	FC63	148	185.452	0.052	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
240 minute winter	FC56	Infiltration		0.0				0.0
240 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
240 minute winter	FC57	Infiltration		0.0				0.0
240 minute winter	FC58	56.000	J46	0.2	0.613	0.015	0.0020	
240 minute winter	FC58	Infiltration		0.0				0.0
240 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0022	
240 minute winter	FC59	Infiltration		0.0				0.0
240 minute winter	FC60	59.000	J48	0.3	0.631	0.025	0.0031	
240 minute winter	FC60	Infiltration		0.0				0.0
240 minute winter	FC61	60.000	J49	0.3	0.507	0.034	0.0043	
240 minute winter	FC61	Infiltration		0.0				0.0
240 minute winter	FC62	63.000	J52	0.4	0.503	0.049	0.0070	
240 minute winter	FC62	Infiltration		0.0				0.0
240 minute winter	FC63	65.000	S26	0.2	0.270	0.034	0.0020	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC64	148	185.202	0.052	0.2	0.0647	0.0000	OK
240 minute winter	FC65	140	185.247	0.097	0.3	0.1251	0.0000	OK
240 minute winter	FC66	140	185.099	0.099	0.3	0.1280	0.0000	OK
240 minute winter	FC67	148	184.837	0.037	0.2	0.3769	0.0000	OK
240 minute winter	FC68	148	184.600	0.050	0.2	0.0627	0.0000	OK
240 minute winter	J1	136	188.230	0.030	1.5	0.0444	0.0000	OK
240 minute winter	J2	136	188.100	0.044	1.8	0.0495	0.0000	OK
240 minute winter	J3	136	188.091	0.041	2.2	0.0466	0.0000	OK
240 minute winter	J4	136	188.068	0.029	2.4	0.0323	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC63	Infiltration		0.0				0.0
240 minute winter	FC64	66.000	J54	0.2	0.177	0.034	0.0029	
240 minute winter	FC64	Infiltration		0.0				0.0
240 minute winter	FC65	67.000	J55	0.3	0.276	0.030	0.0027	
240 minute winter	FC65	Infiltration		0.0				0.0
240 minute winter	FC66	68.000	S24	0.3	0.437	0.041	0.0014	
240 minute winter	FC66	Infiltration		0.0				0.0
240 minute winter	FC67	69.000	J56	0.2	0.319	0.027	0.0010	
240 minute winter	FC67	Infiltration		0.0				0.0
240 minute winter	FC68	70.000	J57	0.2	0.457	0.022	0.0010	
240 minute winter	FC68	Infiltration		0.0				0.0
240 minute winter	J1	1.001	J2	1.5	0.776	0.180	0.0097	
240 minute winter	J2	1.002	J3	1.8	0.435	0.133	0.0043	
240 minute winter	J3	1.003	J4	2.2	0.696	0.162	0.0061	
240 minute winter	J4	1.004	J5	2.4	1.058	0.069	0.0079	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J5	136	187.937	0.027	2.6	0.0303	0.0000	OK
240 minute winter	J6	136	187.686	0.036	2.8	0.0411	0.0000	OK
240 minute winter	J7	136	187.571	0.046	3.0	0.0519	0.0000	OK
240 minute winter	J8	136	187.551	0.030	3.4	0.0336	0.0000	OK
240 minute winter	J9	136	187.324	0.049	3.5	0.0555	0.0000	OK
240 minute winter	J10	136	187.298	0.028	3.9	0.0315	0.0000	OK
240 minute winter	J11	136	187.160	0.039	4.2	0.0439	0.0000	OK
240 minute winter	J12	128	186.858	0.049	6.1	0.0552	0.0000	OK
240 minute winter	J13	128	186.705	0.078	6.3	0.0885	0.0000	OK
240 minute winter	J14	128	186.696	0.074	6.5	0.0840	0.0000	OK
240 minute winter	J15	128	186.684	0.067	6.7	0.0753	0.0000	OK
240 minute winter	J16	128	186.655	0.050	6.8	0.0561	0.0000	OK
240 minute winter	J17	128	186.316	0.033	7.0	0.0372	0.0000	OK
240 minute winter	J18	132	186.167	0.042	8.2	0.0475	0.0000	OK
240 minute winter	J19	132	186.108	0.081	8.5	0.0916	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J5	1.005	J6	2.6	0.985	0.069	0.0153	
240 minute winter	J6	1.006	J7	2.8	0.944	0.100	0.0059	
240 minute winter	J7	1.007	J8	3.1	0.710	0.100	0.0050	
240 minute winter	J8	1.008	J9	3.3	0.717	0.037	0.0400	
240 minute winter	J9	1.009	J10	3.5	0.786	0.106	0.0055	
240 minute winter	J10	1.010	J11	3.9	1.070	0.030	0.0090	
240 minute winter	J11	1.011	S2	4.2	0.565	0.065	0.0410	
240 minute winter	J12	1.013	J13	6.1	1.008	0.091	0.0390	
240 minute winter	J13	1.014	J14	6.3	0.445	0.110	0.0267	
240 minute winter	J14	1.015	J15	6.5	0.513	0.115	0.0241	
240 minute winter	J15	1.016	J16	6.6	0.696	0.125	0.0493	
240 minute winter	J16	1.017	J17	6.8	0.972	0.048	0.0237	
240 minute winter	J17	1.018	S3	7.0	0.879	0.023	0.0157	
240 minute winter	J18	1.020	J19	8.2	0.792	0.029	0.0159	
240 minute winter	J19	1.021	S4	8.5	0.618	0.154	0.0606	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J20	124	186.063	0.032	1.2	0.0366	0.0000	OK
240 minute winter	J21	124	186.043	0.034	1.5	0.0388	0.0000	OK
240 minute winter	J22	128	186.003	0.039	1.8	0.0446	0.0000	OK
240 minute winter	J23	128	185.982	0.040	1.9	0.0448	0.0000	OK
240 minute winter	J24	124	185.868	0.051	3.0	0.0575	0.0000	OK
240 minute winter	J25	128	185.851	0.055	3.2	0.0620	0.0000	OK
240 minute winter	J26	128	185.838	0.059	3.5	0.0665	0.0000	OK
240 minute winter	J27	128	185.799	0.063	4.6	0.0713	0.0000	OK
240 minute winter	J28	132	186.384	0.028	1.0	0.0318	0.0000	OK
240 minute winter	J29	132	186.303	0.032	1.2	0.0362	0.0000	OK
240 minute winter	J30	132	186.195	0.047	2.6	0.0537	0.0000	OK
240 minute winter	J31	132	186.093	0.049	2.9	0.0550	0.0000	OK
240 minute winter	J32	132	186.059	0.048	3.2	0.0543	0.0000	OK
240 minute winter	J33	132	185.566	0.031	4.3	0.0353	0.0000	OK
240 minute winter	J34	132	185.184	0.059	5.4	0.0665	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J20	23.002	J21	1.2	0.417	0.090	0.0110	
240 minute winter	J21	23.003	J22	1.5	0.442	0.111	0.0269	
240 minute winter	J22	23.004	J23	1.8	0.476	0.130	0.0133	
240 minute winter	J23	23.005	S18	1.9	0.527	0.142	0.0271	
240 minute winter	J24	23.007	J25	2.9	0.416	0.098	0.0437	
240 minute winter	J25	23.008	J26	3.2	0.411	0.107	0.0390	
240 minute winter	J26	23.009	S19	3.5	0.417	0.115	0.0313	
240 minute winter	J27	23.011	S4	4.6	0.561	0.155	0.0198	
240 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175	
240 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097	
240 minute winter	J30	32.004	J31	2.6	0.562	0.194	0.0228	
240 minute winter	J31	32.005	J32	2.9	0.459	0.095	0.0607	
240 minute winter	J32	32.006	S13	3.2	0.670	0.105	0.0253	
240 minute winter	J33	32.008	S14	4.3	0.840	0.042	0.0476	
240 minute winter	J34	32.010	J35	5.4	0.857	0.139	0.0571	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J35	132	185.113	0.038	5.6	0.0430	0.0000	OK
240 minute winter	J36	132	184.938	0.063	5.8	0.0707	0.0000	OK
240 minute winter	J37	132	184.566	0.066	7.0	0.0742	0.0000	OK
240 minute winter	J38	132	184.383	0.083	8.2	0.0936	0.0000	OK
240 minute winter	J39	132	184.351	0.077	8.5	0.0867	0.0000	OK
240 minute winter	J40	132	184.328	0.063	8.7	0.0713	0.0000	OK
240 minute winter	J41	140	184.614	0.017	0.4	0.0193	0.0000	OK
240 minute winter	J42	140	184.560	0.023	0.7	0.0263	0.0000	OK
240 minute winter	J43	140	184.421	0.041	1.8	0.0467	0.0000	OK
240 minute winter	J44	140	184.410	0.040	2.0	0.0451	0.0000	OK
240 minute winter	J45	140	184.364	0.044	2.2	0.0497	0.0000	OK
240 minute winter	J46	124	184.279	0.057	3.2	0.0642	0.0000	OK
240 minute winter	J47	128	184.271	0.064	3.4	0.0725	0.0000	OK
240 minute winter	J48	128	184.258	0.064	4.5	0.0728	0.0000	OK
240 minute winter	J49	128	184.244	0.075	4.7	0.0848	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J35	32.011	J36	5.6	0.842	0.062	0.0460	
240 minute winter	J36	32.012	S15	5.8	0.827	0.195	0.0169	
240 minute winter	J37	32.014	S16	7.0	0.933	0.127	0.0403	
240 minute winter	J38	32.016	J39	8.2	0.549	0.152	0.1620	
240 minute winter	J39	32.017	J40	8.5	0.684	0.155	0.0455	
240 minute winter	J40	32.018	S10	8.7	0.845	0.087	0.0985	
240 minute winter	J41	48.002	J42	0.4	0.336	0.063	0.0070	
240 minute winter	J42	48.003	S21	0.7	0.493	0.114	0.0111	
240 minute winter	J43	48.005	J44	1.8	0.458	0.126	0.0062	
240 minute winter	J44	48.006	J45	2.0	0.487	0.147	0.0352	
240 minute winter	J45	48.007	S22	2.2	0.533	0.159	0.0096	
240 minute winter	J46	48.009	J47	3.2	0.369	0.103	0.0361	
240 minute winter	J47	48.010	S23	3.4	0.347	0.111	0.0256	
240 minute winter	J48	48.012	J49	4.5	0.429	0.149	0.0779	
240 minute winter	J49	48.013	J50	4.7	0.425	0.155	0.0127	

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J50	128	184.237	0.072	5.0	0.0812	0.0000	OK
240 minute winter	J51	128	184.225	0.077	5.2	0.0867	0.0000	OK
240 minute winter	J52	128	184.216	0.072	5.6	0.0814	0.0000	OK
240 minute winter	J53	128	184.197	0.069	5.8	0.0786	0.0000	OK
240 minute winter	J54	128	185.160	0.031	1.1	0.0349	0.0000	OK
240 minute winter	J55	128	185.124	0.030	1.4	0.0337	0.0000	OK
240 minute winter	J56	128	184.093	0.086	8.3	0.0975	0.0000	OK
240 minute winter	J57	128	184.073	0.088	8.5	0.0993	0.0000	OK
240 minute winter	BASIN 1	224	185.478	0.553	14.1	57.4149	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.813	0.513	2.6	51.4050	0.0000	OK
240 minute winter	BASIN 3	480	182.781	-0.319	11.0	65.7421	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J50	48.014	J51	5.0	0.442	0.169	0.0579	
240 minute winter	J51	48.015	J52	5.2	0.460	0.171	0.0130	
240 minute winter	J52	48.016	J53	5.6	0.526	0.184	0.0520	
240 minute winter	J53	48.017	S24	5.8	0.606	0.193	0.0986	
240 minute winter	J54	65.002	J55	1.1	0.547	0.185	0.0073	
240 minute winter	J55	65.003	S24	1.4	0.722	0.181	0.0150	
240 minute winter	J56	48.019	J57	8.3	0.492	0.154	0.1538	
240 minute winter	J57	48.020	S25	8.5	0.509	0.156	0.1024	
240 minute winter	BASIN 1	1.023	S5	2.5	0.218	0.031	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.6
240 minute winter	BASIN 2	1.027	S7	0.2	0.190	0.002	0.0217	
240 minute winter	BASIN 2	71.000	BH1	1.1	0.544	0.185	0.1829	
240 minute winter	BASIN 2	Infiltration		0.0				0.0
240 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
240 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	BASIN 4	256	183.524	0.194	10.2	55.4672	0.0000	OK
240 minute winter	SWALE 1	228	184.919	0.045	2.5	0.0649	0.0000	OK
240 minute winter	SWALE 2	480	184.386	0.011	0.1	0.0152	0.0000	OK
240 minute winter	SWALE 3	132	184.066	0.071	9.8	0.1021	0.0000	OK
240 minute winter	BH1	480	184.813	0.736	1.1	2.9360	0.0000	OK
240 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
240 minute winter	BH3	256	183.524	0.205	1.5	2.5629	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	BASIN 4	48.022	BH3	1.5	0.413	0.028	0.2269	
240 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2775	
240 minute winter	SWALE 2	1.029	S8	0.0	0.099	0.000	0.0118	
240 minute winter	SWALE 3	1.033	BASIN 3	9.8	0.683	0.078	0.6192	
240 minute winter	BH1	Infiltration		0.1				2.3
240 minute winter	BH2	Infiltration		0.0				0.0
240 minute winter	BH3	Infiltration		0.2				4.3

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.389	0.019	0.7	0.0281	0.0000	OK
360 minute summer	S2	192	187.114	0.075	6.3	0.1289	0.0000	OK
360 minute summer	S3	192	186.211	0.074	8.7	0.0977	0.0000	OK
360 minute summer	S4	272	185.475	0.097	15.2	0.1240	0.0000	OK
360 minute summer	S5	272	185.475	0.565	2.5	0.8082	0.0000	SURCHARGED
360 minute summer	S6	272	184.852	0.044	2.5	0.0627	0.0000	OK
360 minute summer	S7	592	184.779	0.020	1.7	0.0285	0.0000	OK
360 minute summer	S8	592	184.351	0.021	1.7	0.0306	0.0000	OK
360 minute summer	S9	192	184.163	0.038	1.7	0.0548	0.0000	OK
360 minute summer	S10	192	184.163	0.050	11.0	0.0915	0.0000	OK
360 minute summer	S11	184	186.429	0.029	1.0	0.0453	0.0000	OK
360 minute summer	S12	184	186.225	0.049	2.7	0.0729	0.0000	OK
360 minute summer	S13	184	186.026	0.033	4.5	0.0499	0.0000	OK
360 minute summer	S14	184	185.232	0.057	5.9	0.0895	0.0000	OK
360 minute summer	S15	184	184.912	0.045	7.5	0.0714	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S1	1.000	J1	0.7	0.440	0.080	0.0132	
360 minute summer	S2	1.012	J12	6.3	0.608	0.212	0.0156	
360 minute summer	S3	1.019	J18	8.7	0.891	0.164	0.0512	
360 minute summer	S4	1.022	BASIN 1	15.2	0.998	0.091	0.7530	
360 minute summer	S5	1.024	SWALE 1	2.5	0.338	0.030	0.1522	
360 minute summer	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0353	
360 minute summer	S7	1.028	SWALE 2	1.7	0.421	0.005	0.0680	
360 minute summer	S8	1.030	S9	1.7	0.455	0.006	0.0445	
360 minute summer	S9	1.031	S10	1.7	0.484	0.020	0.0489	
360 minute summer	S10	1.032	SWALE 3	11.0	0.907	0.033	0.0538	
360 minute summer	S11	32.000	J28	1.0	0.502	0.166	0.0089	
360 minute summer	S12	32.003	J30	2.7	0.520	0.201	0.0262	
360 minute summer	S13	32.007	J33	4.4	1.231	0.045	0.0470	
360 minute summer	S14	32.009	J34	5.9	0.700	0.115	0.0438	
360 minute summer	S15	32.013	J37	7.5	1.362	0.081	0.0515	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.522	0.035	8.9	0.0537	0.0000	OK
360 minute summer	S17	184	186.181	0.031	1.2	0.0490	0.0000	OK
360 minute summer	S18	192	185.879	0.055	3.1	0.0818	0.0000	OK
360 minute summer	S19	192	185.831	0.065	4.8	0.0935	0.0000	OK
360 minute summer	S20	192	184.660	0.018	0.4	0.0203	0.0000	OK
360 minute summer	S21	192	184.446	0.037	1.6	0.0493	0.0000	OK
360 minute summer	S22	192	184.291	0.060	3.4	0.0781	0.0000	OK
360 minute summer	S23	192	184.272	0.074	4.8	0.0953	0.0000	OK
360 minute summer	S24	192	184.112	0.095	9.2	0.1254	0.0000	OK
360 minute summer	S25	192	184.060	0.090	10.3	0.1245	0.0000	OK
360 minute summer	S26	184	185.398	0.021	1.0	0.0314	0.0000	OK
360 minute summer	FC1	192	188.363	0.113	0.4	0.1459	0.0000	SURCHARGED
360 minute summer	FC2	192	188.264	0.114	0.4	0.1467	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S16	32.015	J38	8.9	0.859	0.028	0.0250	
360 minute summer	S17	23.001	J20	1.1	0.572	0.193	0.0143	
360 minute summer	S18	23.006	J24	3.0	0.411	0.095	0.0136	
360 minute summer	S19	23.010	J27	4.9	0.502	0.162	0.0861	
360 minute summer	S20	48.001	J41	0.4	0.423	0.066	0.0043	
360 minute summer	S21	48.004	J43	1.6	0.428	0.122	0.0196	
360 minute summer	S22	48.008	J46	3.4	0.389	0.107	0.0212	
360 minute summer	S23	48.011	J48	4.8	0.440	0.155	0.0123	
360 minute summer	S24	48.018	J56	9.2	0.490	0.172	0.0797	
360 minute summer	S25	48.021	BASIN 4	10.3	0.649	0.194	0.0613	
360 minute summer	S26	65.001	J54	1.0	0.596	0.098	0.0147	
360 minute summer	FC1	2.000	J1	0.3	0.234	0.051	0.0068	
360 minute summer	FC1	Infiltration		0.0				0.0
360 minute summer	FC2	3.000	J2	0.3	0.397	0.053	0.0036	
360 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC3	192	188.370	0.170	0.5	0.2299	0.0000	SURCHARGED
360 minute summer	FC4	192	188.268	0.068	0.3	0.0847	0.0000	OK
360 minute summer	FC5	192	188.114	0.114	0.4	0.1467	0.0000	SURCHARGED
360 minute summer	FC6	192	187.917	0.067	0.3	0.0839	0.0000	OK
360 minute summer	FC7	192	187.818	0.068	0.3	0.0850	0.0000	OK
360 minute summer	FC8	192	187.861	0.111	0.4	0.1432	0.0000	SURCHARGED
360 minute summer	FC9	192	187.539	0.069	0.3	0.0864	0.0000	OK
360 minute summer	FC10	192	187.640	0.170	0.5	0.2294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC3	4.000	J3	0.4	0.442	0.063	0.0084	
360 minute summer	FC3	Infiltration		0.0				0.0
360 minute summer	FC4	5.000	J4	0.2	0.430	0.032	0.0041	
360 minute summer	FC4	Infiltration		0.0				0.0
360 minute summer	FC5	6.000	J5	0.3	0.395	0.053	0.0033	
360 minute summer	FC5	Infiltration		0.0				0.0
360 minute summer	FC6	7.000	J6	0.2	0.478	0.028	0.0037	
360 minute summer	FC6	Infiltration		0.0				0.0
360 minute summer	FC7	8.000	J7	0.2	0.416	0.034	0.0042	
360 minute summer	FC7	Infiltration		0.0				0.0
360 minute summer	FC8	9.000	J8	0.3	0.553	0.033	0.0024	
360 minute summer	FC8	Infiltration		0.0				0.0
360 minute summer	FC9	10.000	J9	0.2	0.368	0.040	0.0047	
360 minute summer	FC9	Infiltration		0.0				0.0
360 minute summer	FC10	11.000	J10	0.4	0.459	0.060	0.0054	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC11	192	187.434	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC12	192	187.344	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC13	192	187.114	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC14	216	186.948	0.048	0.4	0.6091	0.0000	OK
360 minute summer	FC15	192	187.267	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC16	192	186.969	0.069	0.3	0.0859	0.0000	OK
360 minute summer	FC17	192	187.067	0.067	0.3	0.0834	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC10	Infiltration		0.0				0.0
360 minute summer	FC11	12.000	J11	0.3	0.398	0.054	0.0062	
360 minute summer	FC11	Infiltration		0.0				0.0
360 minute summer	FC12	13.000	S2	0.3	0.397	0.053	0.0055	
360 minute summer	FC12	Infiltration		0.0				0.0
360 minute summer	FC13	14.000	J12	0.3	0.398	0.053	0.0054	
360 minute summer	FC13	Infiltration		0.0				0.0
360 minute summer	FC14	15.000	J13	0.2	0.343	0.032	0.0042	
360 minute summer	FC14	Infiltration		0.0				0.0
360 minute summer	FC15	16.000	J14	0.2	0.772	0.014	0.0015	
360 minute summer	FC15	Infiltration		0.0				0.0
360 minute summer	FC16	17.000	J15	0.2	0.384	0.038	0.0047	
360 minute summer	FC16	Infiltration		0.0				0.0
360 minute summer	FC17	18.000	J16	0.2	0.606	0.020	0.0019	
360 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC18	192	186.619	0.069	0.3	0.0864	0.0000	OK
360 minute summer	FC19	192	186.514	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC20	192	187.060	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC21	192	186.414	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC22	208	186.491	0.041	0.3	0.3964	0.0000	OK
360 minute summer	FC23	192	186.367	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC24	192	186.410	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC25	192	186.660	0.110	0.4	0.1419	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC18	19.000	J17	0.2	0.366	0.040	0.0046	
360 minute summer	FC18	Infiltration		0.0				0.0
360 minute summer	FC19	20.000	S3	0.3	0.396	0.054	0.0053	
360 minute summer	FC19	Infiltration		0.0				0.0
360 minute summer	FC20	21.000	J18	0.3	0.795	0.020	0.0017	
360 minute summer	FC20	Infiltration		0.0				0.0
360 minute summer	FC21	22.000	J19	0.3	0.397	0.054	0.0061	
360 minute summer	FC21	Infiltration		0.0				0.0
360 minute summer	FC22	23.000	S17	0.2	0.274	0.011	0.0055	
360 minute summer	FC22	Infiltration		0.0				0.0
360 minute summer	FC23	24.000	J20	0.2	0.642	0.018	0.0017	
360 minute summer	FC23	Infiltration		0.0				0.0
360 minute summer	FC24	25.000	J21	0.3	0.719	0.023	0.0021	
360 minute summer	FC24	Infiltration		0.0				0.0
360 minute summer	FC25	26.000	J22	0.3	0.789	0.020	0.0019	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC26	208	186.490	0.040	0.3	0.4064	0.0000	OK
360 minute summer	FC27	192	186.567	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC28	192	186.610	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC29	192	186.610	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC30	192	186.860	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC31	192	186.517	0.067	0.3	0.0836	0.0000	OK
360 minute summer	FC32	192	186.517	0.067	0.3	0.0834	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC25	Infiltration		0.0				0.0
360 minute summer	FC26	27.000	J23	0.2	0.582	0.013	0.0014	
360 minute summer	FC26	Infiltration		0.0				0.0
360 minute summer	FC27	28.000	J24	0.2	0.895	0.011	0.0012	
360 minute summer	FC27	Infiltration		0.0				0.0
360 minute summer	FC28	29.000	J25	0.3	0.794	0.020	0.0017	
360 minute summer	FC28	Infiltration		0.0				0.0
360 minute summer	FC29	30.000	J26	0.3	0.772	0.021	0.0019	
360 minute summer	FC29	Infiltration		0.0				0.0
360 minute summer	FC30	31.000	J27	0.3	0.741	0.022	0.0019	
360 minute summer	FC30	Infiltration		0.0				0.0
360 minute summer	FC31	33.000	J28	0.2	0.218	0.027	0.0054	
360 minute summer	FC31	Infiltration		0.0				0.0
360 minute summer	FC32	34.000	J29	0.2	0.196	0.019	0.0059	
360 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC33	192	186.560	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC34	192	186.563	0.113	0.4	0.1463	0.0000	SURCHARGED
360 minute summer	FC35	192	186.560	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC36	192	186.560	0.110	0.4	0.1419	0.0000	SURCHARGED
360 minute summer	FC37	192	185.968	0.168	0.5	0.2269	0.0000	SURCHARGED
360 minute summer	FC38	208	185.488	0.038	0.3	0.4510	0.0000	OK
360 minute summer	FC39	192	185.517	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC40	192	185.610	0.110	0.4	0.1419	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC33	35.000	S12	0.3	0.729	0.022	0.0018	
360 minute summer	FC33	Infiltration		0.0				0.0
360 minute summer	FC34	36.000	J30	0.3	0.408	0.051	0.0037	
360 minute summer	FC34	Infiltration		0.0				0.0
360 minute summer	FC35	37.000	J31	0.3	0.733	0.022	0.0022	
360 minute summer	FC35	Infiltration		0.0				0.0
360 minute summer	FC36	38.000	J32	0.3	0.768	0.021	0.0021	
360 minute summer	FC36	Infiltration		0.0				0.0
360 minute summer	FC37	39.000	J33	0.4	0.563	0.045	0.0046	
360 minute summer	FC37	Infiltration		0.0				0.0
360 minute summer	FC38	40.000	J34	0.2	0.550	0.013	0.0014	
360 minute summer	FC38	Infiltration		0.0				0.0
360 minute summer	FC39	41.000	J35	0.2	0.681	0.017	0.0016	
360 minute summer	FC39	Infiltration		0.0				0.0
360 minute summer	FC40	42.000	J36	0.3	0.903	0.017	0.0018	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC41	192	184.961	0.111	0.4	0.1427	0.0000	SURCHARGED
360 minute summer	FC42	192	184.711	0.111	0.4	0.1437	0.0000	SURCHARGED
360 minute summer	FC43	192	184.711	0.111	0.4	0.1428	0.0000	SURCHARGED
360 minute summer	FC44	184	184.612	0.012	0.3	0.0147	0.0000	OK
360 minute summer	FC45	192	184.667	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC46	192	184.871	0.171	0.5	0.2305	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	192	184.910	0.110	0.4	0.1419	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC40	Infiltration		0.0				0.0
360 minute summer	FC41	43.000	J37	0.3	0.591	0.030	0.0027	
360 minute summer	FC41	Infiltration		0.0				0.0
360 minute summer	FC42	44.000	J38	0.3	0.516	0.037	0.0030	
360 minute summer	FC42	Infiltration		0.0				0.0
360 minute summer	FC43	45.000	J39	0.3	0.585	0.031	0.0024	
360 minute summer	FC43	Infiltration		0.0				0.0
360 minute summer	FC44	46.000	J40	0.3	0.583	0.028	0.0022	
360 minute summer	FC44	Infiltration		0.0				0.0
360 minute summer	FC45	47.000	S10	0.2	0.634	0.018	0.0017	
360 minute summer	FC45	Infiltration		0.0				0.0
360 minute summer	FC46	48.000	S20	0.4	0.417	0.067	0.0057	
360 minute summer	FC46	Infiltration		0.0				0.0
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0024	
360 minute summer	FC48	50.000	J42	0.3	0.354	0.023	0.0047	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC49	192	184.914	0.114	0.4	0.1467	0.0000	SURCHARGED
360 minute summer	FC50	192	184.914	0.114	0.4	0.1467	0.0000	SURCHARGED
360 minute summer	FC51	192	184.964	0.114	0.4	0.1466	0.0000	SURCHARGED
360 minute summer	FC52	192	185.361	0.111	0.4	0.1429	0.0000	SURCHARGED
360 minute summer	FC53	192	185.361	0.111	0.4	0.1433	0.0000	SURCHARGED
360 minute summer	FC54	192	185.317	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC55	192	185.317	0.067	0.3	0.0834	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC48	Infiltration		0.0				0.0
360 minute summer	FC49	51.000	S21	0.3	0.395	0.053	0.0035	
360 minute summer	FC49	Infiltration		0.0				0.0
360 minute summer	FC50	52.000	J43	0.3	0.396	0.053	0.0037	
360 minute summer	FC50	Infiltration		0.0				0.0
360 minute summer	FC51	55.000	S22	0.3	0.397	0.053	0.0049	
360 minute summer	FC51	Infiltration		0.0				0.0
360 minute summer	FC52	58.000	S23	0.3	0.575	0.031	0.0030	
360 minute summer	FC52	Infiltration		0.0				0.0
360 minute summer	FC53	61.000	J50	0.3	0.542	0.034	0.0025	
360 minute summer	FC53	Infiltration		0.0				0.0
360 minute summer	FC54	62.000	J51	0.2	0.553	0.022	0.0017	
360 minute summer	FC54	Infiltration		0.0				0.0
360 minute summer	FC55	64.000	J53	0.2	0.697	0.016	0.0014	
360 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC56	192	185.417	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC57	192	185.417	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC58	192	185.417	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC59	192	185.417	0.067	0.3	0.0834	0.0000	OK
360 minute summer	FC60	192	185.460	0.110	0.4	0.1422	0.0000	SURCHARGED
360 minute summer	FC61	192	185.411	0.111	0.4	0.1437	0.0000	SURCHARGED
360 minute summer	FC62	192	185.419	0.169	0.5	0.2280	0.0000	SURCHARGED
360 minute summer	FC63	192	185.469	0.069	0.3	0.0862	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC56	53.000	J44	0.2	0.717	0.015	0.0022	
360 minute summer	FC56	Infiltration		0.0				0.0
360 minute summer	FC57	54.000	J45	0.2	0.673	0.017	0.0023	
360 minute summer	FC57	Infiltration		0.0				0.0
360 minute summer	FC58	56.000	J46	0.2	0.647	0.018	0.0023	
360 minute summer	FC58	Infiltration		0.0				0.0
360 minute summer	FC59	57.000	J47	0.2	0.600	0.020	0.0026	
360 minute summer	FC59	Infiltration		0.0				0.0
360 minute summer	FC60	59.000	J48	0.3	0.645	0.027	0.0033	
360 minute summer	FC60	Infiltration		0.0				0.0
360 minute summer	FC61	60.000	J49	0.3	0.519	0.037	0.0045	
360 minute summer	FC61	Infiltration		0.0				0.0
360 minute summer	FC62	63.000	J52	0.4	0.510	0.052	0.0073	
360 minute summer	FC62	Infiltration		0.0				0.0
360 minute summer	FC63	65.000	S26	0.2	0.274	0.040	0.0022	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC64	192	185.219	0.069	0.3	0.0862	0.0000	OK
360 minute summer	FC65	192	185.261	0.111	0.4	0.1429	0.0000	SURCHARGED
360 minute summer	FC66	192	185.113	0.113	0.4	0.1454	0.0000	SURCHARGED
360 minute summer	FC67	208	184.841	0.040	0.3	0.4163	0.0000	OK
360 minute summer	FC68	192	184.617	0.067	0.3	0.0839	0.0000	OK
360 minute summer	J1	184	188.232	0.032	1.7	0.0472	0.0000	OK
360 minute summer	J2	184	188.102	0.046	2.0	0.0516	0.0000	OK
360 minute summer	J3	184	188.093	0.043	2.3	0.0481	0.0000	OK
360 minute summer	J4	184	188.069	0.030	2.5	0.0335	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC63	Infiltration		0.0				0.0
360 minute summer	FC64	66.000	J54	0.2	0.180	0.040	0.0032	
360 minute summer	FC64	Infiltration		0.0				0.0
360 minute summer	FC65	67.000	J55	0.3	0.267	0.033	0.0029	
360 minute summer	FC65	Infiltration		0.0				0.0
360 minute summer	FC66	68.000	S24	0.3	0.446	0.044	0.0015	
360 minute summer	FC66	Infiltration		0.0				0.0
360 minute summer	FC67	69.000	J56	0.2	0.325	0.029	0.0011	
360 minute summer	FC67	Infiltration		0.0				0.0
360 minute summer	FC68	70.000	J57	0.2	0.482	0.027	0.0011	
360 minute summer	FC68	Infiltration		0.0				0.0
360 minute summer	J1	1.001	J2	1.7	0.799	0.201	0.0105	
360 minute summer	J2	1.002	J3	1.9	0.451	0.145	0.0045	
360 minute summer	J3	1.003	J4	2.3	0.707	0.173	0.0064	
360 minute summer	J4	1.004	J5	2.5	1.080	0.074	0.0082	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J5	192	187.938	0.028	2.8	0.0312	0.0000	OK
360 minute summer	J6	192	187.688	0.038	3.1	0.0428	0.0000	OK
360 minute summer	J7	192	187.573	0.048	3.3	0.0540	0.0000	OK
360 minute summer	J8	192	187.552	0.031	3.6	0.0350	0.0000	OK
360 minute summer	J9	192	187.326	0.051	3.9	0.0581	0.0000	OK
360 minute summer	J10	192	187.299	0.029	4.3	0.0331	0.0000	OK
360 minute summer	J11	192	187.162	0.041	4.6	0.0459	0.0000	OK
360 minute summer	J12	192	186.860	0.051	6.6	0.0578	0.0000	OK
360 minute summer	J13	192	186.709	0.082	6.8	0.0929	0.0000	OK
360 minute summer	J14	192	186.700	0.078	7.1	0.0881	0.0000	OK
360 minute summer	J15	192	186.687	0.070	7.3	0.0790	0.0000	OK
360 minute summer	J16	192	186.657	0.052	7.6	0.0593	0.0000	OK
360 minute summer	J17	192	186.318	0.035	7.8	0.0397	0.0000	OK
360 minute summer	J18	192	186.170	0.045	9.1	0.0509	0.0000	OK
360 minute summer	J19	192	186.112	0.085	9.4	0.0964	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J5	1.005	J6	2.8	0.998	0.074	0.0162	
360 minute summer	J6	1.006	J7	3.1	0.962	0.108	0.0063	
360 minute summer	J7	1.007	J8	3.2	0.700	0.106	0.0053	
360 minute summer	J8	1.008	J9	3.6	0.733	0.041	0.0426	
360 minute summer	J9	1.009	J10	3.9	0.806	0.116	0.0059	
360 minute summer	J10	1.010	J11	4.3	1.095	0.033	0.0096	
360 minute summer	J11	1.011	S2	4.6	0.575	0.071	0.0438	
360 minute summer	J12	1.013	J13	6.6	1.033	0.099	0.0417	
360 minute summer	J13	1.014	J14	6.8	0.454	0.121	0.0286	
360 minute summer	J14	1.015	J15	7.1	0.526	0.126	0.0258	
360 minute summer	J15	1.016	J16	7.3	0.713	0.137	0.0530	
360 minute summer	J16	1.017	J17	7.6	0.997	0.053	0.0255	
360 minute summer	J17	1.018	S3	7.8	0.902	0.025	0.0169	
360 minute summer	J18	1.020	J19	9.1	0.807	0.032	0.0172	
360 minute summer	J19	1.021	S4	9.4	0.636	0.170	0.0650	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J20	184	186.066	0.034	1.4	0.0390	0.0000	OK
360 minute summer	J21	184	186.045	0.036	1.7	0.0410	0.0000	OK
360 minute summer	J22	192	186.005	0.042	2.0	0.0475	0.0000	OK
360 minute summer	J23	192	185.984	0.042	2.1	0.0476	0.0000	OK
360 minute summer	J24	192	185.871	0.054	3.3	0.0612	0.0000	OK
360 minute summer	J25	192	185.855	0.059	3.6	0.0662	0.0000	OK
360 minute summer	J26	192	185.842	0.063	3.9	0.0710	0.0000	OK
360 minute summer	J27	192	185.803	0.067	5.2	0.0757	0.0000	OK
360 minute summer	J28	184	186.387	0.031	1.2	0.0352	0.0000	OK
360 minute summer	J29	184	186.306	0.035	1.4	0.0396	0.0000	OK
360 minute summer	J30	184	186.198	0.051	3.0	0.0578	0.0000	OK
360 minute summer	J31	184	186.096	0.052	3.2	0.0584	0.0000	OK
360 minute summer	J32	184	186.061	0.050	3.5	0.0569	0.0000	OK
360 minute summer	J33	184	185.568	0.033	4.8	0.0371	0.0000	OK
360 minute summer	J34	184	185.187	0.062	6.0	0.0702	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J20	23.002	J21	1.4	0.431	0.101	0.0119	
360 minute summer	J21	23.003	J22	1.6	0.455	0.123	0.0292	
360 minute summer	J22	23.004	J23	2.0	0.487	0.145	0.0145	
360 minute summer	J23	23.005	S18	2.1	0.544	0.159	0.0295	
360 minute summer	J24	23.007	J25	3.3	0.426	0.109	0.0480	
360 minute summer	J25	23.008	J26	3.6	0.420	0.120	0.0428	
360 minute summer	J26	23.009	S19	3.9	0.427	0.129	0.0342	
360 minute summer	J27	23.011	S4	5.2	0.577	0.174	0.0215	
360 minute summer	J28	32.001	J29	1.2	0.533	0.203	0.0199	
360 minute summer	J29	32.002	S12	1.4	0.600	0.238	0.0110	
360 minute summer	J30	32.004	J31	2.9	0.582	0.222	0.0252	
360 minute summer	J31	32.005	J32	3.2	0.477	0.107	0.0656	
360 minute summer	J32	32.006	S13	3.5	0.693	0.115	0.0272	
360 minute summer	J33	32.008	S14	4.8	0.856	0.046	0.0518	
360 minute summer	J34	32.010	J35	6.0	0.884	0.155	0.0615	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J35	184	185.115	0.040	6.2	0.0453	0.0000	OK
360 minute summer	J36	192	184.941	0.066	6.5	0.0744	0.0000	OK
360 minute summer	J37	192	184.569	0.069	7.8	0.0779	0.0000	OK
360 minute summer	J38	192	184.388	0.088	9.1	0.0990	0.0000	OK
360 minute summer	J39	192	184.355	0.081	9.5	0.0917	0.0000	OK
360 minute summer	J40	192	184.332	0.067	9.7	0.0756	0.0000	OK
360 minute summer	J41	192	184.615	0.017	0.4	0.0198	0.0000	OK
360 minute summer	J42	192	184.561	0.024	0.7	0.0271	0.0000	OK
360 minute summer	J43	192	184.424	0.044	1.9	0.0496	0.0000	OK
360 minute summer	J44	192	184.412	0.042	2.2	0.0479	0.0000	OK
360 minute summer	J45	192	184.367	0.047	2.4	0.0531	0.0000	OK
360 minute summer	J46	192	184.284	0.062	3.6	0.0703	0.0000	OK
360 minute summer	J47	192	184.277	0.070	3.8	0.0792	0.0000	OK
360 minute summer	J48	192	184.264	0.070	5.1	0.0794	0.0000	OK
360 minute summer	J49	192	184.250	0.081	5.4	0.0919	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J35	32.011	J36	6.2	0.870	0.069	0.0494	
360 minute summer	J36	32.012	S15	6.5	0.851	0.216	0.0182	
360 minute summer	J37	32.014	S16	7.8	0.960	0.141	0.0435	
360 minute summer	J38	32.016	J39	9.2	0.565	0.170	0.1754	
360 minute summer	J39	32.017	J40	9.5	0.705	0.174	0.0494	
360 minute summer	J40	32.018	S10	9.7	0.872	0.098	0.1069	
360 minute summer	J41	48.002	J42	0.4	0.338	0.066	0.0073	
360 minute summer	J42	48.003	S21	0.7	0.501	0.121	0.0116	
360 minute summer	J43	48.005	J44	2.0	0.466	0.140	0.0067	
360 minute summer	J44	48.006	J45	2.2	0.500	0.164	0.0385	
360 minute summer	J45	48.007	S22	2.4	0.551	0.180	0.0105	
360 minute summer	J46	48.009	J47	3.6	0.372	0.117	0.0410	
360 minute summer	J47	48.010	S23	3.9	0.353	0.128	0.0289	
360 minute summer	J48	48.012	J49	5.1	0.438	0.171	0.0873	
360 minute summer	J49	48.013	J50	5.4	0.434	0.177	0.0142	

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J50	192	184.243	0.078	5.8	0.0880	0.0000	OK
360 minute summer	J51	192	184.231	0.083	6.0	0.0935	0.0000	OK
360 minute summer	J52	192	184.222	0.077	6.4	0.0876	0.0000	OK
360 minute summer	J53	192	184.202	0.075	6.6	0.0843	0.0000	OK
360 minute summer	J54	184	185.162	0.033	1.2	0.0373	0.0000	OK
360 minute summer	J55	184	185.125	0.031	1.5	0.0354	0.0000	OK
360 minute summer	J56	192	184.099	0.092	9.4	0.1042	0.0000	OK
360 minute summer	J57	192	184.079	0.094	9.6	0.1059	0.0000	OK
360 minute summer	BASIN 1	272	185.475	0.550	15.6	57.0214	0.0000	SURCHARGED
360 minute summer	BASIN 2	592	184.834	0.534	2.6	53.8184	0.0000	OK
360 minute summer	BASIN 3	600	182.813	-0.287	12.4	77.6404	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J50	48.014	J51	5.8	0.454	0.193	0.0644	
360 minute summer	J51	48.015	J52	6.0	0.475	0.196	0.0144	
360 minute summer	J52	48.016	J53	6.4	0.544	0.210	0.0574	
360 minute summer	J53	48.017	S24	6.7	0.629	0.221	0.1087	
360 minute summer	J54	65.002	J55	1.2	0.569	0.209	0.0079	
360 minute summer	J55	65.003	S24	1.5	0.741	0.199	0.0161	
360 minute summer	J56	48.019	J57	9.4	0.505	0.173	0.1685	
360 minute summer	J57	48.020	S25	9.6	0.527	0.176	0.1116	
360 minute summer	BASIN 1	1.023	S5	2.5	0.180	0.031	0.9418	
360 minute summer	BASIN 1	Infiltration		0.1				3.0
360 minute summer	BASIN 2	1.027	S7	1.7	0.436	0.020	0.0851	
360 minute summer	BASIN 2	71.000	BH1	0.8	0.507	0.134	0.1829	
360 minute summer	BASIN 2	Infiltration		0.0				0.0
360 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
360 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	BASIN 4	376	183.541	0.211	11.4	60.4124	0.0000	OK
360 minute summer	SWALE 1	272	184.919	0.045	2.5	0.0648	0.0000	OK
360 minute summer	SWALE 2	592	184.414	0.038	1.7	0.0551	0.0000	OK
360 minute summer	SWALE 3	192	184.071	0.076	11.0	0.1087	0.0000	OK
360 minute summer	BH1	592	184.834	0.757	0.8	2.9970	0.0000	OK
360 minute summer	BH2	8	183.083	0.000	0.0	0.0000	0.0000	OK
360 minute summer	BH3	376	183.541	0.222	1.1	2.6413	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	BASIN 4	48.022	BH3	1.1	0.294	0.020	0.2480	
360 minute summer	BASIN 4	Infiltration		0.0				0.0
360 minute summer	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2769	
360 minute summer	SWALE 2	1.029	S8	1.7	0.406	0.020	0.1079	
360 minute summer	SWALE 3	1.033	BASIN 3	11.1	0.709	0.089	0.6775	
360 minute summer	BH1	Infiltration		0.1				2.9
360 minute summer	BH2	Infiltration		0.0				0.0
360 minute summer	BH3	Infiltration		0.2				5.1

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.386	0.016	0.5	0.0240	0.0000	OK
360 minute winter	S2	184	187.102	0.063	4.6	0.1096	0.0000	OK
360 minute winter	S3	184	186.200	0.063	6.4	0.0843	0.0000	OK
360 minute winter	S4	288	185.476	0.098	11.0	0.1258	0.0000	OK
360 minute winter	S5	288	185.476	0.566	2.5	0.8102	0.0000	SURCHARGED
360 minute winter	S6	288	184.852	0.044	2.5	0.0628	0.0000	OK
360 minute winter	S7	584	184.779	0.020	1.7	0.0289	0.0000	OK
360 minute winter	S8	584	184.352	0.022	1.7	0.0310	0.0000	OK
360 minute winter	S9	584	184.160	0.034	1.7	0.0494	0.0000	OK
360 minute winter	S10	200	184.154	0.041	7.6	0.0746	0.0000	OK
360 minute winter	S11	176	186.422	0.022	0.6	0.0347	0.0000	OK
360 minute winter	S12	200	186.215	0.039	1.8	0.0583	0.0000	OK
360 minute winter	S13	200	186.020	0.027	3.0	0.0410	0.0000	OK
360 minute winter	S14	200	185.221	0.046	4.0	0.0724	0.0000	OK
360 minute winter	S15	200	184.905	0.038	5.2	0.0593	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0103	
360 minute winter	S2	1.012	J12	4.6	0.559	0.155	0.0124	
360 minute winter	S3	1.019	J18	6.4	0.838	0.121	0.0402	
360 minute winter	S4	1.022	BASIN 1	11.0	0.998	0.065	0.7562	
360 minute winter	S5	1.024	SWALE 1	2.5	0.338	0.030	0.1523	
360 minute winter	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0353	
360 minute winter	S7	1.028	SWALE 2	1.7	0.425	0.006	0.0692	
360 minute winter	S8	1.030	S9	1.7	0.459	0.007	0.0453	
360 minute winter	S9	1.031	S10	1.7	0.488	0.020	0.0346	
360 minute winter	S10	1.032	SWALE 3	7.6	0.828	0.023	0.0407	
360 minute winter	S11	32.000	J28	0.6	0.440	0.101	0.0063	
360 minute winter	S12	32.003	J30	1.8	0.471	0.135	0.0194	
360 minute winter	S13	32.007	J33	3.0	1.090	0.031	0.0358	
360 minute winter	S14	32.009	J34	4.0	0.631	0.079	0.0332	
360 minute winter	S15	32.013	J37	5.2	1.232	0.057	0.0397	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	200	184.516	0.029	6.1	0.0440	0.0000	OK
360 minute winter	S17	184	186.176	0.026	0.8	0.0414	0.0000	OK
360 minute winter	S18	184	185.870	0.046	2.2	0.0686	0.0000	OK
360 minute winter	S19	184	185.820	0.054	3.5	0.0780	0.0000	OK
360 minute winter	S20	208	184.658	0.016	0.3	0.0176	0.0000	OK
360 minute winter	S21	208	184.439	0.030	1.1	0.0398	0.0000	OK
360 minute winter	S22	200	184.279	0.048	2.3	0.0617	0.0000	OK
360 minute winter	S23	200	184.257	0.059	3.3	0.0761	0.0000	OK
360 minute winter	S24	200	184.095	0.078	6.4	0.1023	0.0000	OK
360 minute winter	S25	200	184.045	0.075	7.2	0.1038	0.0000	OK
360 minute winter	S26	200	185.395	0.018	0.7	0.0261	0.0000	OK
360 minute winter	FC1	224	188.302	0.052	0.2	0.0665	0.0000	OK
360 minute winter	FC2	224	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S16	32.015	J38	6.1	0.785	0.019	0.0190	
360 minute winter	S17	23.001	J20	0.8	0.524	0.140	0.0113	
360 minute winter	S18	23.006	J24	2.2	0.383	0.070	0.0106	
360 minute winter	S19	23.010	J27	3.5	0.463	0.116	0.0667	
360 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035	
360 minute winter	S21	48.004	J43	1.1	0.392	0.082	0.0143	
360 minute winter	S22	48.008	J46	2.3	0.369	0.073	0.0151	
360 minute winter	S23	48.011	J48	3.3	0.414	0.107	0.0089	
360 minute winter	S24	48.018	J56	6.4	0.450	0.119	0.0601	
360 minute winter	S25	48.021	BASIN 4	7.2	0.588	0.136	0.0474	
360 minute winter	S26	65.001	J54	0.7	0.527	0.067	0.0115	
360 minute winter	FC1	2.000	J1	0.2	0.224	0.032	0.0053	
360 minute winter	FC1	Infiltration		0.0				0.0
360 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
360 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC3	208	188.302	0.102	0.3	0.1381	0.0000	SURCHARGED
360 minute winter	FC4	200	188.250	0.050	0.2	0.0628	0.0000	OK
360 minute winter	FC5	224	188.052	0.052	0.2	0.0672	0.0000	OK
360 minute winter	FC6	200	187.900	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC7	200	187.801	0.050	0.2	0.0631	0.0000	OK
360 minute winter	FC8	224	187.800	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC9	200	187.522	0.051	0.2	0.0644	0.0000	OK
360 minute winter	FC10	208	187.572	0.102	0.3	0.1376	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC3	4.000	J3	0.3	0.407	0.048	0.0069	
360 minute winter	FC3	Infiltration		0.0				0.0
360 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
360 minute winter	FC4	Infiltration		0.0				0.0
360 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
360 minute winter	FC5	Infiltration		0.0				0.0
360 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
360 minute winter	FC6	Infiltration		0.0				0.0
360 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
360 minute winter	FC7	Infiltration		0.0				0.0
360 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
360 minute winter	FC8	Infiltration		0.0				0.0
360 minute winter	FC9	10.000	J9	0.2	0.348	0.033	0.0041	
360 minute winter	FC9	Infiltration		0.0				0.0
360 minute winter	FC10	11.000	J10	0.3	0.423	0.045	0.0044	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC11	224	187.372	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC12	224	187.282	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC13	224	187.052	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC14	224	186.941	0.041	0.2	0.5175	0.0000	OK
360 minute winter	FC15	200	187.250	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC16	200	186.951	0.051	0.2	0.0639	0.0000	OK
360 minute winter	FC17	200	187.050	0.050	0.2	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC10	Infiltration		0.0				0.0
360 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
360 minute winter	FC11	Infiltration		0.0				0.0
360 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
360 minute winter	FC12	Infiltration		0.0				0.0
360 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
360 minute winter	FC13	Infiltration		0.0				0.0
360 minute winter	FC14	15.000	J13	0.2	0.333	0.029	0.0039	
360 minute winter	FC14	Infiltration		0.0				0.0
360 minute winter	FC15	16.000	J14	0.2	0.729	0.011	0.0013	
360 minute winter	FC15	Infiltration		0.0				0.0
360 minute winter	FC16	17.000	J15	0.2	0.363	0.032	0.0042	
360 minute winter	FC16	Infiltration		0.0				0.0
360 minute winter	FC17	18.000	J16	0.2	0.574	0.016	0.0017	
360 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC18	200	186.602	0.052	0.2	0.0644	0.0000	OK
360 minute winter	FC19	224	186.452	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC20	224	187.000	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC21	224	186.352	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC22	200	186.485	0.035	0.2	0.3391	0.0000	OK
360 minute winter	FC23	200	186.350	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC24	224	186.350	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC25	224	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC18	19.000	J17	0.2	0.346	0.034	0.0040	
360 minute winter	FC18	Infiltration		0.0				0.0
360 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
360 minute winter	FC19	Infiltration		0.0				0.0
360 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
360 minute winter	FC20	Infiltration		0.0				0.0
360 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
360 minute winter	FC21	Infiltration		0.0				0.0
360 minute winter	FC22	23.000	S17	0.2	0.243	0.010	0.0044	
360 minute winter	FC22	Infiltration		0.0				0.0
360 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
360 minute winter	FC23	Infiltration		0.0				0.0
360 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
360 minute winter	FC24	Infiltration		0.0				0.0
360 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC26	200	186.485	0.035	0.2	0.3485	0.0000	OK
360 minute winter	FC27	200	186.550	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC28	224	186.550	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC29	224	186.550	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC30	224	186.800	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC31	200	186.500	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC32	200	186.500	0.050	0.2	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC25	Infiltration		0.0				0.0
360 minute winter	FC26	27.000	J23	0.2	0.562	0.012	0.0013	
360 minute winter	FC26	Infiltration		0.0				0.0
360 minute winter	FC27	28.000	J24	0.2	0.847	0.009	0.0011	
360 minute winter	FC27	Infiltration		0.0				0.0
360 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
360 minute winter	FC28	Infiltration		0.0				0.0
360 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
360 minute winter	FC29	Infiltration		0.0				0.0
360 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
360 minute winter	FC30	Infiltration		0.0				0.0
360 minute winter	FC31	33.000	J28	0.2	0.215	0.022	0.0041	
360 minute winter	FC31	Infiltration		0.0				0.0
360 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
360 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC33	224	186.500	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC34	224	186.502	0.052	0.2	0.0668	0.0000	OK
360 minute winter	FC35	224	186.500	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC36	224	186.500	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC37	208	185.900	0.100	0.3	0.1350	0.0000	OK
360 minute winter	FC38	208	185.483	0.033	0.2	0.3903	0.0000	OK
360 minute winter	FC39	200	185.500	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC40	224	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
360 minute winter	FC33	Infiltration		0.0				0.0
360 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
360 minute winter	FC34	Infiltration		0.0				0.0
360 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
360 minute winter	FC35	Infiltration		0.0				0.0
360 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
360 minute winter	FC36	Infiltration		0.0				0.0
360 minute winter	FC37	39.000	J33	0.3	0.518	0.034	0.0038	
360 minute winter	FC37	Infiltration		0.0				0.0
360 minute winter	FC38	40.000	J34	0.1	0.533	0.012	0.0013	
360 minute winter	FC38	Infiltration		0.0				0.0
360 minute winter	FC39	41.000	J35	0.2	0.644	0.014	0.0014	
360 minute winter	FC39	Infiltration		0.0				0.0
360 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC41	224	184.900	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC42	224	184.650	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC43	224	184.650	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC44	176	184.610	0.010	0.2	0.0122	0.0000	OK
360 minute winter	FC45	200	184.650	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC46	208	184.803	0.103	0.3	0.1386	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	224	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC40	Infiltration		0.0				0.0
360 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
360 minute winter	FC41	Infiltration		0.0				0.0
360 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
360 minute winter	FC42	Infiltration		0.0				0.0
360 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
360 minute winter	FC43	Infiltration		0.0				0.0
360 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
360 minute winter	FC44	Infiltration		0.0				0.0
360 minute winter	FC45	47.000	S10	0.2	0.601	0.015	0.0015	
360 minute winter	FC45	Infiltration		0.0				0.0
360 minute winter	FC46	48.000	S20	0.3	0.386	0.050	0.0046	
360 minute winter	FC46	Infiltration		0.0				0.0
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
360 minute winter	FC48	50.000	J42	0.2	0.318	0.014	0.0036	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC49	224	184.852	0.052	0.2	0.0672	0.0000	OK
360 minute winter	FC50	224	184.852	0.052	0.2	0.0672	0.0000	OK
360 minute winter	FC51	224	184.902	0.052	0.2	0.0671	0.0000	OK
360 minute winter	FC52	224	185.300	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC53	224	185.300	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC54	200	185.300	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC55	200	185.300	0.050	0.2	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC48	Infiltration		0.0				0.0
360 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
360 minute winter	FC49	Infiltration		0.0				0.0
360 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
360 minute winter	FC50	Infiltration		0.0				0.0
360 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
360 minute winter	FC51	Infiltration		0.0				0.0
360 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
360 minute winter	FC52	Infiltration		0.0				0.0
360 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
360 minute winter	FC53	Infiltration		0.0				0.0
360 minute winter	FC54	62.000	J51	0.2	0.524	0.018	0.0015	
360 minute winter	FC54	Infiltration		0.0				0.0
360 minute winter	FC55	64.000	J53	0.2	0.658	0.013	0.0013	
360 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC56	200	185.400	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC57	200	185.400	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC58	200	185.400	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC59	200	185.400	0.050	0.2	0.0624	0.0000	OK
360 minute winter	FC60	224	185.400	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC61	224	185.350	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC62	208	185.351	0.101	0.3	0.1362	0.0000	SURCHARGED
360 minute winter	FC63	200	185.451	0.051	0.2	0.0642	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC56	53.000	J44	0.2	0.676	0.013	0.0019	
360 minute winter	FC56	Infiltration		0.0				0.0
360 minute winter	FC57	54.000	J45	0.2	0.636	0.014	0.0020	
360 minute winter	FC57	Infiltration		0.0				0.0
360 minute winter	FC58	56.000	J46	0.2	0.613	0.015	0.0020	
360 minute winter	FC58	Infiltration		0.0				0.0
360 minute winter	FC59	57.000	J47	0.2	0.568	0.017	0.0022	
360 minute winter	FC59	Infiltration		0.0				0.0
360 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
360 minute winter	FC60	Infiltration		0.0				0.0
360 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
360 minute winter	FC61	Infiltration		0.0				0.0
360 minute winter	FC62	63.000	J52	0.3	0.469	0.039	0.0060	
360 minute winter	FC62	Infiltration		0.0				0.0
360 minute winter	FC63	65.000	S26	0.2	0.268	0.034	0.0018	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC64	200	185.201	0.051	0.2	0.0642	0.0000	OK
360 minute winter	FC65	224	185.200	0.050	0.2	0.0648	0.0000	OK
360 minute winter	FC66	224	185.051	0.051	0.2	0.0660	0.0000	OK
360 minute winter	FC67	200	184.835	0.035	0.2	0.3565	0.0000	OK
360 minute winter	FC68	200	184.600	0.050	0.2	0.0624	0.0000	OK
360 minute winter	J1	192	188.227	0.027	1.2	0.0395	0.0000	OK
360 minute winter	J2	192	188.095	0.038	1.4	0.0435	0.0000	OK
360 minute winter	J3	192	188.087	0.037	1.7	0.0413	0.0000	OK
360 minute winter	J4	192	188.065	0.025	1.9	0.0288	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC63	Infiltration		0.0				0.0
360 minute winter	FC64	66.000	J54	0.2	0.177	0.034	0.0026	
360 minute winter	FC64	Infiltration		0.0				0.0
360 minute winter	FC65	67.000	J55	0.2	0.267	0.021	0.0023	
360 minute winter	FC65	Infiltration		0.0				0.0
360 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
360 minute winter	FC66	Infiltration		0.0				0.0
360 minute winter	FC67	69.000	J56	0.2	0.315	0.026	0.0010	
360 minute winter	FC67	Infiltration		0.0				0.0
360 minute winter	FC68	70.000	J57	0.2	0.457	0.022	0.0010	
360 minute winter	FC68	Infiltration		0.0				0.0
360 minute winter	J1	1.001	J2	1.2	0.731	0.145	0.0082	
360 minute winter	J2	1.002	J3	1.4	0.408	0.104	0.0036	
360 minute winter	J3	1.003	J4	1.7	0.645	0.127	0.0052	
360 minute winter	J4	1.004	J5	1.9	1.001	0.055	0.0067	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J5	192	187.934	0.024	2.1	0.0270	0.0000	OK
360 minute winter	J6	192	187.682	0.032	2.3	0.0364	0.0000	OK
360 minute winter	J7	192	187.566	0.041	2.5	0.0466	0.0000	OK
360 minute winter	J8	192	187.548	0.027	2.8	0.0303	0.0000	OK
360 minute winter	J9	192	187.319	0.044	2.9	0.0496	0.0000	OK
360 minute winter	J10	192	187.295	0.025	3.2	0.0283	0.0000	OK
360 minute winter	J11	192	187.156	0.035	3.4	0.0395	0.0000	OK
360 minute winter	J12	184	186.852	0.043	4.8	0.0489	0.0000	OK
360 minute winter	J13	184	186.697	0.070	5.0	0.0788	0.0000	OK
360 minute winter	J14	184	186.689	0.067	5.2	0.0752	0.0000	OK
360 minute winter	J15	184	186.677	0.060	5.4	0.0679	0.0000	OK
360 minute winter	J16	184	186.649	0.044	5.6	0.0502	0.0000	OK
360 minute winter	J17	184	186.312	0.029	5.7	0.0329	0.0000	OK
360 minute winter	J18	184	186.161	0.036	6.6	0.0412	0.0000	OK
360 minute winter	J19	184	186.099	0.072	6.8	0.0819	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J5	1.005	J6	2.1	0.921	0.055	0.0130	
360 minute winter	J6	1.006	J7	2.3	0.894	0.080	0.0050	
360 minute winter	J7	1.007	J8	2.6	0.685	0.083	0.0043	
360 minute winter	J8	1.008	J9	2.7	0.676	0.030	0.0342	
360 minute winter	J9	1.009	J10	2.9	0.758	0.086	0.0047	
360 minute winter	J10	1.010	J11	3.2	1.017	0.025	0.0077	
360 minute winter	J11	1.011	S2	3.4	0.532	0.052	0.0349	
360 minute winter	J12	1.013	J13	4.8	0.947	0.072	0.0330	
360 minute winter	J13	1.014	J14	5.0	0.416	0.088	0.0227	
360 minute winter	J14	1.015	J15	5.2	0.479	0.092	0.0207	
360 minute winter	J15	1.016	J16	5.4	0.655	0.101	0.0423	
360 minute winter	J16	1.017	J17	5.6	0.919	0.039	0.0203	
360 minute winter	J17	1.018	S3	5.7	0.842	0.018	0.0135	
360 minute winter	J18	1.020	J19	6.6	0.763	0.023	0.0133	
360 minute winter	J19	1.021	S4	6.8	0.582	0.124	0.0516	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J20	184	186.061	0.029	1.0	0.0333	0.0000	OK
360 minute winter	J21	184	186.040	0.031	1.2	0.0350	0.0000	OK
360 minute winter	J22	184	185.998	0.035	1.4	0.0396	0.0000	OK
360 minute winter	J23	184	185.978	0.035	1.5	0.0401	0.0000	OK
360 minute winter	J24	184	185.863	0.046	2.4	0.0515	0.0000	OK
360 minute winter	J25	184	185.844	0.048	2.6	0.0547	0.0000	OK
360 minute winter	J26	184	185.831	0.052	2.8	0.0584	0.0000	OK
360 minute winter	J27	184	185.792	0.056	3.7	0.0632	0.0000	OK
360 minute winter	J28	200	186.381	0.025	0.8	0.0282	0.0000	OK
360 minute winter	J29	200	186.300	0.029	1.0	0.0328	0.0000	OK
360 minute winter	J30	200	186.188	0.041	2.0	0.0469	0.0000	OK
360 minute winter	J31	200	186.086	0.042	2.2	0.0480	0.0000	OK
360 minute winter	J32	200	186.053	0.042	2.4	0.0477	0.0000	OK
360 minute winter	J33	200	185.562	0.027	3.3	0.0310	0.0000	OK
360 minute winter	J34	200	185.177	0.052	4.1	0.0585	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J20	23.002	J21	1.0	0.404	0.075	0.0095	
360 minute winter	J21	23.003	J22	1.2	0.424	0.090	0.0230	
360 minute winter	J22	23.004	J23	1.4	0.447	0.104	0.0113	
360 minute winter	J23	23.005	S18	1.5	0.496	0.115	0.0232	
360 minute winter	J24	23.007	J25	2.4	0.402	0.080	0.0370	
360 minute winter	J25	23.008	J26	2.6	0.397	0.086	0.0325	
360 minute winter	J26	23.009	S19	2.8	0.396	0.091	0.0263	
360 minute winter	J27	23.011	S4	3.7	0.524	0.122	0.0167	
360 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150	
360 minute winter	J29	32.002	S12	1.0	0.547	0.168	0.0085	
360 minute winter	J30	32.004	J31	2.0	0.525	0.151	0.0189	
360 minute winter	J31	32.005	J32	2.2	0.426	0.073	0.0502	
360 minute winter	J32	32.006	S13	2.4	0.617	0.080	0.0209	
360 minute winter	J33	32.008	S14	3.3	0.784	0.032	0.0389	
360 minute winter	J34	32.010	J35	4.1	0.792	0.107	0.0477	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J35	200	185.109	0.034	4.3	0.0381	0.0000	OK
360 minute winter	J36	200	184.930	0.055	4.5	0.0625	0.0000	OK
360 minute winter	J37	200	184.558	0.058	5.4	0.0659	0.0000	OK
360 minute winter	J38	200	184.372	0.072	6.3	0.0818	0.0000	OK
360 minute winter	J39	200	184.341	0.067	6.5	0.0762	0.0000	OK
360 minute winter	J40	200	184.320	0.055	6.7	0.0625	0.0000	OK
360 minute winter	J41	208	184.612	0.015	0.3	0.0173	0.0000	OK
360 minute winter	J42	208	184.557	0.020	0.5	0.0226	0.0000	OK
360 minute winter	J43	200	184.415	0.035	1.3	0.0397	0.0000	OK
360 minute winter	J44	200	184.405	0.034	1.5	0.0390	0.0000	OK
360 minute winter	J45	200	184.359	0.039	1.7	0.0437	0.0000	OK
360 minute winter	J46	200	184.271	0.049	2.5	0.0553	0.0000	OK
360 minute winter	J47	200	184.263	0.055	2.7	0.0627	0.0000	OK
360 minute winter	J48	200	184.250	0.056	3.5	0.0628	0.0000	OK
360 minute winter	J49	200	184.234	0.065	3.7	0.0730	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J35	32.011	J36	4.3	0.784	0.049	0.0387	
360 minute winter	J36	32.012	S15	4.5	0.769	0.151	0.0141	
360 minute winter	J37	32.014	S16	5.4	0.864	0.099	0.0338	
360 minute winter	J38	32.016	J39	6.3	0.510	0.117	0.1345	
360 minute winter	J39	32.017	J40	6.5	0.633	0.120	0.0378	
360 minute winter	J40	32.018	S10	6.7	0.787	0.068	0.0820	
360 minute winter	J41	48.002	J42	0.3	0.331	0.050	0.0058	
360 minute winter	J42	48.003	S21	0.5	0.453	0.084	0.0090	
360 minute winter	J43	48.005	J44	1.3	0.424	0.093	0.0050	
360 minute winter	J44	48.006	J45	1.5	0.451	0.112	0.0291	
360 minute winter	J45	48.007	S22	1.7	0.500	0.125	0.0081	
360 minute winter	J46	48.009	J47	2.5	0.358	0.081	0.0294	
360 minute winter	J47	48.010	S23	2.7	0.339	0.089	0.0209	
360 minute winter	J48	48.012	J49	3.5	0.411	0.117	0.0633	
360 minute winter	J49	48.013	J50	3.7	0.405	0.120	0.0103	

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J50	200	184.227	0.062	3.9	0.0698	0.0000	OK
360 minute winter	J51	200	184.215	0.067	4.1	0.0756	0.0000	OK
360 minute winter	J52	200	184.207	0.063	4.4	0.0712	0.0000	OK
360 minute winter	J53	200	184.188	0.061	4.6	0.0694	0.0000	OK
360 minute winter	J54	200	185.157	0.028	0.9	0.0313	0.0000	OK
360 minute winter	J55	200	185.120	0.026	1.1	0.0299	0.0000	OK
360 minute winter	J56	200	184.082	0.075	6.5	0.0853	0.0000	OK
360 minute winter	J57	200	184.062	0.077	6.7	0.0874	0.0000	OK
360 minute winter	BASIN 1	288	185.476	0.551	11.3	57.2007	0.0000	SURCHARGED
360 minute winter	BASIN 2	584	184.835	0.535	2.6	53.8731	0.0000	OK
360 minute winter	BASIN 3	600	182.818	-0.282	8.6	79.4489	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J50	48.014	J51	3.9	0.417	0.130	0.0474	
360 minute winter	J51	48.015	J52	4.1	0.433	0.133	0.0107	
360 minute winter	J52	48.016	J53	4.4	0.493	0.144	0.0434	
360 minute winter	J53	48.017	S24	4.6	0.568	0.152	0.0828	
360 minute winter	J54	65.002	J55	0.9	0.526	0.152	0.0062	
360 minute winter	J55	65.003	S24	1.1	0.678	0.144	0.0127	
360 minute winter	J56	48.019	J57	6.5	0.464	0.120	0.1281	
360 minute winter	J57	48.020	S25	6.7	0.479	0.123	0.0859	
360 minute winter	BASIN 1	1.023	S5	2.5	0.173	0.031	0.9418	
360 minute winter	BASIN 1	Infiltration		0.1				3.1
360 minute winter	BASIN 2	1.027	S7	1.7	0.440	0.021	0.0868	
360 minute winter	BASIN 2	71.000	BH1	0.8	0.517	0.142	0.1829	
360 minute winter	BASIN 2	Infiltration		0.0				0.0
360 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
360 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	BASIN 4	368	183.543	0.213	8.0	61.1483	0.0000	OK
360 minute winter	SWALE 1	288	184.919	0.045	2.5	0.0648	0.0000	OK
360 minute winter	SWALE 2	584	184.414	0.039	1.7	0.0557	0.0000	OK
360 minute winter	SWALE 3	200	184.058	0.063	7.6	0.0904	0.0000	OK
360 minute winter	BH1	584	184.835	0.758	0.8	2.9984	0.0000	OK
360 minute winter	BH2	8	183.083	0.000	0.0	0.0000	0.0000	OK
360 minute winter	BH3	368	183.543	0.224	1.2	2.6530	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	BASIN 4	48.022	BH3	1.2	0.353	0.022	0.2511	
360 minute winter	BASIN 4	Infiltration		0.0				0.0
360 minute winter	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2772	
360 minute winter	SWALE 2	1.029	S8	1.7	0.410	0.021	0.1098	
360 minute winter	SWALE 3	1.033	BASIN 3	7.6	0.638	0.061	0.5169	
360 minute winter	BH1	Infiltration		0.1				2.8
360 minute winter	BH2	Infiltration		0.0				0.0
360 minute winter	BH3	Infiltration		0.2				5.2

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.388	0.018	0.6	0.0262	0.0000	OK
480 minute summer	S2	248	187.109	0.070	5.5	0.1204	0.0000	OK
480 minute summer	S3	248	186.206	0.069	7.6	0.0912	0.0000	OK
480 minute summer	S4	344	185.471	0.092	13.1	0.1185	0.0000	OK
480 minute summer	S5	344	185.471	0.561	2.5	0.8021	0.0000	SURCHARGED
480 minute summer	S6	344	184.852	0.044	2.5	0.0626	0.0000	OK
480 minute summer	S7	624	184.780	0.021	1.8	0.0296	0.0000	OK
480 minute summer	S8	624	184.352	0.022	1.8	0.0318	0.0000	OK
480 minute summer	S9	624	184.160	0.035	1.8	0.0505	0.0000	OK
480 minute summer	S10	248	184.159	0.046	9.5	0.0843	0.0000	OK
480 minute summer	S11	248	186.426	0.026	0.8	0.0404	0.0000	OK
480 minute summer	S12	248	186.221	0.045	2.3	0.0662	0.0000	OK
480 minute summer	S13	248	186.024	0.031	3.9	0.0464	0.0000	OK
480 minute summer	S14	248	185.228	0.053	5.1	0.0827	0.0000	OK
480 minute summer	S15	248	184.909	0.042	6.6	0.0666	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S1	1.000	J1	0.6	0.425	0.069	0.0119	
480 minute summer	S2	1.012	J12	5.5	0.585	0.185	0.0142	
480 minute summer	S3	1.019	J18	7.6	0.866	0.142	0.0457	
480 minute summer	S4	1.022	BASIN 1	13.1	0.949	0.078	0.7429	
480 minute summer	S5	1.024	SWALE 1	2.5	0.337	0.030	0.1518	
480 minute summer	S6	1.026	BASIN 2	2.5	0.412	0.029	0.0352	
480 minute summer	S7	1.028	SWALE 2	1.8	0.434	0.006	0.0716	
480 minute summer	S8	1.030	S9	1.8	0.468	0.007	0.0470	
480 minute summer	S9	1.031	S10	1.8	0.497	0.021	0.0427	
480 minute summer	S10	1.032	SWALE 3	9.5	0.877	0.029	0.0480	
480 minute summer	S11	32.000	J28	0.8	0.473	0.135	0.0077	
480 minute summer	S12	32.003	J30	2.3	0.497	0.169	0.0232	
480 minute summer	S13	32.007	J33	3.8	1.177	0.039	0.0425	
480 minute summer	S14	32.009	J34	5.1	0.674	0.100	0.0396	
480 minute summer	S15	32.013	J37	6.6	1.312	0.071	0.0467	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.519	0.032	7.7	0.0494	0.0000	OK
480 minute summer	S17	248	186.178	0.028	0.9	0.0443	0.0000	OK
480 minute summer	S18	248	185.875	0.051	2.6	0.0748	0.0000	OK
480 minute summer	S19	248	185.825	0.059	4.1	0.0855	0.0000	OK
480 minute summer	S20	256	184.659	0.017	0.3	0.0190	0.0000	OK
480 minute summer	S21	256	184.443	0.034	1.4	0.0448	0.0000	OK
480 minute summer	S22	256	184.285	0.054	2.8	0.0694	0.0000	OK
480 minute summer	S23	256	184.264	0.066	4.0	0.0851	0.0000	OK
480 minute summer	S24	248	184.102	0.085	7.5	0.1116	0.0000	OK
480 minute summer	S25	248	184.051	0.081	8.4	0.1119	0.0000	OK
480 minute summer	S26	248	185.396	0.019	0.8	0.0278	0.0000	OK
480 minute summer	FC1	248	188.334	0.084	0.3	0.1078	0.0000	OK
480 minute summer	FC2	248	188.234	0.084	0.3	0.1085	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S16	32.015	J38	7.7	0.832	0.024	0.0225	
480 minute summer	S17	23.001	J20	0.9	0.544	0.159	0.0124	
480 minute summer	S18	23.006	J24	2.6	0.398	0.082	0.0120	
480 minute summer	S19	23.010	J27	4.1	0.483	0.138	0.0760	
480 minute summer	S20	48.001	J41	0.3	0.407	0.058	0.0039	
480 minute summer	S21	48.004	J43	1.4	0.411	0.103	0.0170	
480 minute summer	S22	48.008	J46	2.8	0.381	0.089	0.0179	
480 minute summer	S23	48.011	J48	4.0	0.426	0.129	0.0105	
480 minute summer	S24	48.018	J56	7.5	0.469	0.140	0.0678	
480 minute summer	S25	48.021	BASIN 4	8.4	0.612	0.157	0.0527	
480 minute summer	S26	65.001	J54	0.8	0.552	0.077	0.0125	
480 minute summer	FC1	2.000	J1	0.3	0.228	0.043	0.0063	
480 minute summer	FC1	Infiltration		0.0				0.0
480 minute summer	FC2	3.000	J2	0.3	0.377	0.045	0.0032	
480 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC3	256	188.333	0.133	0.4	0.1794	0.0000	SURCHARGED
480 minute summer	FC4	264	188.251	0.050	0.2	0.0631	0.0000	OK
480 minute summer	FC5	248	188.084	0.084	0.3	0.1085	0.0000	OK
480 minute summer	FC6	264	187.900	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC7	264	187.801	0.051	0.2	0.0635	0.0000	OK
480 minute summer	FC8	248	187.832	0.082	0.3	0.1054	0.0000	OK
480 minute summer	FC9	264	187.522	0.052	0.2	0.0647	0.0000	OK
480 minute summer	FC10	256	187.602	0.132	0.4	0.1789	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC3	4.000	J3	0.3	0.425	0.055	0.0076	
480 minute summer	FC3	Infiltration		0.0				0.0
480 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
480 minute summer	FC4	Infiltration		0.0				0.0
480 minute summer	FC5	6.000	J5	0.3	0.376	0.045	0.0029	
480 minute summer	FC5	Infiltration		0.0				0.0
480 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
480 minute summer	FC6	Infiltration		0.0				0.0
480 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
480 minute summer	FC7	Infiltration		0.0				0.0
480 minute summer	FC8	9.000	J8	0.3	0.525	0.028	0.0021	
480 minute summer	FC8	Infiltration		0.0				0.0
480 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
480 minute summer	FC9	Infiltration		0.0				0.0
480 minute summer	FC10	11.000	J10	0.3	0.442	0.052	0.0049	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC11	248	187.404	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC12	248	187.314	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC13	248	187.084	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC14	280	186.944	0.044	0.3	0.5630	0.0000	OK
480 minute summer	FC15	264	187.250	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC16	264	186.951	0.051	0.2	0.0643	0.0000	OK
480 minute summer	FC17	264	187.050	0.050	0.2	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC10	Infiltration		0.0				0.0
480 minute summer	FC11	12.000	J11	0.3	0.377	0.045	0.0054	
480 minute summer	FC11	Infiltration		0.0				0.0
480 minute summer	FC12	13.000	S2	0.3	0.377	0.045	0.0048	
480 minute summer	FC12	Infiltration		0.0				0.0
480 minute summer	FC13	14.000	J12	0.3	0.378	0.045	0.0048	
480 minute summer	FC13	Infiltration		0.0				0.0
480 minute summer	FC14	15.000	J13	0.2	0.338	0.030	0.0040	
480 minute summer	FC14	Infiltration		0.0				0.0
480 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
480 minute summer	FC15	Infiltration		0.0				0.0
480 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
480 minute summer	FC16	Infiltration		0.0				0.0
480 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
480 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC18	264	186.602	0.052	0.2	0.0648	0.0000	OK
480 minute summer	FC19	248	186.484	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC20	248	187.031	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC21	248	186.384	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC22	264	186.486	0.036	0.2	0.3527	0.0000	OK
480 minute summer	FC23	264	186.350	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC24	248	186.381	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC25	248	186.631	0.081	0.3	0.1051	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
480 minute summer	FC18	Infiltration		0.0				0.0
480 minute summer	FC19	20.000	S3	0.3	0.376	0.045	0.0046	
480 minute summer	FC19	Infiltration		0.0				0.0
480 minute summer	FC20	21.000	J18	0.3	0.756	0.017	0.0015	
480 minute summer	FC20	Infiltration		0.0				0.0
480 minute summer	FC21	22.000	J19	0.3	0.377	0.045	0.0054	
480 minute summer	FC21	Infiltration		0.0				0.0
480 minute summer	FC22	23.000	S17	0.2	0.250	0.011	0.0048	
480 minute summer	FC22	Infiltration		0.0				0.0
480 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
480 minute summer	FC23	Infiltration		0.0				0.0
480 minute summer	FC24	25.000	J21	0.3	0.683	0.019	0.0018	
480 minute summer	FC24	Infiltration		0.0				0.0
480 minute summer	FC25	26.000	J22	0.3	0.750	0.017	0.0017	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC26	264	186.486	0.036	0.2	0.3621	0.0000	OK
480 minute summer	FC27	264	186.550	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC28	248	186.581	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC29	248	186.581	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC30	248	186.831	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC31	264	186.500	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC32	264	186.500	0.050	0.2	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC25	Infiltration		0.0				0.0
480 minute summer	FC26	27.000	J23	0.2	0.567	0.012	0.0013	
480 minute summer	FC26	Infiltration		0.0				0.0
480 minute summer	FC27	28.000	J24	0.2	0.847	0.009	0.0011	
480 minute summer	FC27	Infiltration		0.0				0.0
480 minute summer	FC28	29.000	J25	0.3	0.755	0.017	0.0015	
480 minute summer	FC28	Infiltration		0.0				0.0
480 minute summer	FC29	30.000	J26	0.3	0.734	0.017	0.0017	
480 minute summer	FC29	Infiltration		0.0				0.0
480 minute summer	FC30	31.000	J27	0.3	0.704	0.018	0.0017	
480 minute summer	FC30	Infiltration		0.0				0.0
480 minute summer	FC31	33.000	J28	0.2	0.213	0.022	0.0047	
480 minute summer	FC31	Infiltration		0.0				0.0
480 minute summer	FC32	34.000	J29	0.2	0.192	0.016	0.0052	
480 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC33	248	186.531	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC34	248	186.534	0.084	0.3	0.1081	0.0000	OK
480 minute summer	FC35	248	186.531	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC36	248	186.531	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC37	256	185.931	0.131	0.4	0.1764	0.0000	SURCHARGED
480 minute summer	FC38	264	185.484	0.034	0.2	0.4034	0.0000	OK
480 minute summer	FC39	264	185.500	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC40	248	185.581	0.081	0.3	0.1051	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC33	35.000	S12	0.3	0.692	0.019	0.0016	
480 minute summer	FC33	Infiltration		0.0				0.0
480 minute summer	FC34	36.000	J30	0.3	0.388	0.043	0.0033	
480 minute summer	FC34	Infiltration		0.0				0.0
480 minute summer	FC35	37.000	J31	0.3	0.696	0.019	0.0020	
480 minute summer	FC35	Infiltration		0.0				0.0
480 minute summer	FC36	38.000	J32	0.3	0.730	0.018	0.0018	
480 minute summer	FC36	Infiltration		0.0				0.0
480 minute summer	FC37	39.000	J33	0.3	0.541	0.039	0.0042	
480 minute summer	FC37	Infiltration		0.0				0.0
480 minute summer	FC38	40.000	J34	0.2	0.537	0.012	0.0013	
480 minute summer	FC38	Infiltration		0.0				0.0
480 minute summer	FC39	41.000	J35	0.2	0.644	0.014	0.0014	
480 minute summer	FC39	Infiltration		0.0				0.0
480 minute summer	FC40	42.000	J36	0.3	0.857	0.014	0.0016	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC41	248	184.931	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC42	248	184.682	0.082	0.3	0.1058	0.0000	OK
480 minute summer	FC43	248	184.682	0.081	0.3	0.1052	0.0000	OK
480 minute summer	FC44	232	184.610	0.010	0.2	0.0122	0.0000	OK
480 minute summer	FC45	264	184.650	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC46	256	184.833	0.133	0.4	0.1800	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	248	184.881	0.081	0.3	0.1051	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC40	Infiltration		0.0				0.0
480 minute summer	FC41	43.000	J37	0.3	0.562	0.025	0.0024	
480 minute summer	FC41	Infiltration		0.0				0.0
480 minute summer	FC42	44.000	J38	0.3	0.489	0.031	0.0027	
480 minute summer	FC42	Infiltration		0.0				0.0
480 minute summer	FC43	45.000	J39	0.3	0.556	0.026	0.0021	
480 minute summer	FC43	Infiltration		0.0				0.0
480 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
480 minute summer	FC44	Infiltration		0.0				0.0
480 minute summer	FC45	47.000	S10	0.2	0.601	0.015	0.0015	
480 minute summer	FC45	Infiltration		0.0				0.0
480 minute summer	FC46	48.000	S20	0.3	0.402	0.058	0.0052	
480 minute summer	FC46	Infiltration		0.0				0.0
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0022	
480 minute summer	FC48	50.000	J42	0.3	0.337	0.019	0.0042	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC49	248	184.884	0.084	0.3	0.1085	0.0000	OK
480 minute summer	FC50	248	184.884	0.084	0.3	0.1085	0.0000	OK
480 minute summer	FC51	248	184.934	0.084	0.3	0.1084	0.0000	OK
480 minute summer	FC52	248	185.332	0.081	0.3	0.1052	0.0000	OK
480 minute summer	FC53	248	185.332	0.082	0.3	0.1055	0.0000	OK
480 minute summer	FC54	264	185.300	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC55	264	185.300	0.050	0.2	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC48	Infiltration		0.0				0.0
480 minute summer	FC49	51.000	S21	0.3	0.376	0.045	0.0031	
480 minute summer	FC49	Infiltration		0.0				0.0
480 minute summer	FC50	52.000	J43	0.3	0.376	0.045	0.0033	
480 minute summer	FC50	Infiltration		0.0				0.0
480 minute summer	FC51	55.000	S22	0.3	0.377	0.045	0.0043	
480 minute summer	FC51	Infiltration		0.0				0.0
480 minute summer	FC52	58.000	S23	0.3	0.546	0.026	0.0027	
480 minute summer	FC52	Infiltration		0.0				0.0
480 minute summer	FC53	61.000	J50	0.3	0.514	0.029	0.0022	
480 minute summer	FC53	Infiltration		0.0				0.0
480 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
480 minute summer	FC54	Infiltration		0.0				0.0
480 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
480 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC56	264	185.400	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC57	264	185.400	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC58	264	185.400	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC59	264	185.400	0.050	0.2	0.0626	0.0000	OK
480 minute summer	FC60	248	185.431	0.081	0.3	0.1051	0.0000	OK
480 minute summer	FC61	248	185.382	0.082	0.3	0.1057	0.0000	OK
480 minute summer	FC62	256	185.381	0.131	0.4	0.1775	0.0000	SURCHARGED
480 minute summer	FC63	264	185.452	0.052	0.2	0.0646	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
480 minute summer	FC56	Infiltration		0.0				0.0
480 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
480 minute summer	FC57	Infiltration		0.0				0.0
480 minute summer	FC58	56.000	J46	0.2	0.613	0.015	0.0020	
480 minute summer	FC58	Infiltration		0.0				0.0
480 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0022	
480 minute summer	FC59	Infiltration		0.0				0.0
480 minute summer	FC60	59.000	J48	0.3	0.613	0.023	0.0029	
480 minute summer	FC60	Infiltration		0.0				0.0
480 minute summer	FC61	60.000	J49	0.3	0.492	0.031	0.0040	
480 minute summer	FC61	Infiltration		0.0				0.0
480 minute summer	FC62	63.000	J52	0.3	0.490	0.045	0.0066	
480 minute summer	FC62	Infiltration		0.0				0.0
480 minute summer	FC63	65.000	S26	0.2	0.268	0.034	0.0019	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC64	264	185.202	0.052	0.2	0.0646	0.0000	OK
480 minute summer	FC65	248	185.232	0.082	0.3	0.1052	0.0000	OK
480 minute summer	FC66	248	185.083	0.083	0.3	0.1073	0.0000	OK
480 minute summer	FC67	264	184.836	0.036	0.2	0.3699	0.0000	OK
480 minute summer	FC68	264	184.600	0.050	0.2	0.0626	0.0000	OK
480 minute summer	J1	248	188.230	0.030	1.5	0.0439	0.0000	OK
480 minute summer	J2	248	188.099	0.043	1.7	0.0486	0.0000	OK
480 minute summer	J3	248	188.090	0.040	2.1	0.0456	0.0000	OK
480 minute summer	J4	248	188.067	0.028	2.3	0.0316	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC63	Infiltration		0.0				0.0
480 minute summer	FC64	66.000	J54	0.2	0.177	0.034	0.0027	
480 minute summer	FC64	Infiltration		0.0				0.0
480 minute summer	FC65	67.000	J55	0.3	0.276	0.027	0.0026	
480 minute summer	FC65	Infiltration		0.0				0.0
480 minute summer	FC66	68.000	S24	0.3	0.424	0.037	0.0013	
480 minute summer	FC66	Infiltration		0.0				0.0
480 minute summer	FC67	69.000	J56	0.2	0.318	0.027	0.0010	
480 minute summer	FC67	Infiltration		0.0				0.0
480 minute summer	FC68	70.000	J57	0.2	0.457	0.022	0.0010	
480 minute summer	FC68	Infiltration		0.0				0.0
480 minute summer	J1	1.001	J2	1.5	0.772	0.176	0.0095	
480 minute summer	J2	1.002	J3	1.7	0.434	0.128	0.0041	
480 minute summer	J3	1.003	J4	2.1	0.687	0.156	0.0059	
480 minute summer	J4	1.004	J5	2.3	1.048	0.066	0.0076	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J5	248	187.936	0.026	2.5	0.0296	0.0000	OK
480 minute summer	J6	248	187.685	0.035	2.7	0.0400	0.0000	OK
480 minute summer	J7	248	187.570	0.045	2.9	0.0508	0.0000	OK
480 minute summer	J8	248	187.550	0.029	3.1	0.0328	0.0000	OK
480 minute summer	J9	248	187.323	0.048	3.4	0.0542	0.0000	OK
480 minute summer	J10	248	187.297	0.027	3.7	0.0307	0.0000	OK
480 minute summer	J11	248	187.159	0.038	4.0	0.0427	0.0000	OK
480 minute summer	J12	248	186.857	0.048	5.8	0.0538	0.0000	OK
480 minute summer	J13	248	186.703	0.076	6.0	0.0862	0.0000	OK
480 minute summer	J14	248	186.694	0.072	6.1	0.0819	0.0000	OK
480 minute summer	J15	248	186.682	0.065	6.3	0.0736	0.0000	OK
480 minute summer	J16	248	186.653	0.048	6.5	0.0547	0.0000	OK
480 minute summer	J17	248	186.315	0.032	6.7	0.0362	0.0000	OK
480 minute summer	J18	248	186.166	0.041	7.8	0.0461	0.0000	OK
480 minute summer	J19	248	186.106	0.079	8.1	0.0894	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J5	1.005	J6	2.5	0.972	0.066	0.0148	
480 minute summer	J6	1.006	J7	2.7	0.934	0.096	0.0057	
480 minute summer	J7	1.007	J8	2.9	0.679	0.093	0.0049	
480 minute summer	J8	1.008	J9	3.2	0.707	0.036	0.0387	
480 minute summer	J9	1.009	J10	3.4	0.777	0.101	0.0053	
480 minute summer	J10	1.010	J11	3.7	1.057	0.029	0.0087	
480 minute summer	J11	1.011	S2	4.0	0.551	0.062	0.0397	
480 minute summer	J12	1.013	J13	5.8	0.995	0.086	0.0377	
480 minute summer	J13	1.014	J14	5.9	0.438	0.105	0.0257	
480 minute summer	J14	1.015	J15	6.1	0.506	0.109	0.0233	
480 minute summer	J15	1.016	J16	6.3	0.686	0.119	0.0476	
480 minute summer	J16	1.017	J17	6.5	0.961	0.046	0.0229	
480 minute summer	J17	1.018	S3	6.7	0.866	0.022	0.0152	
480 minute summer	J18	1.020	J19	7.8	0.786	0.027	0.0153	
480 minute summer	J19	1.021	S4	8.1	0.609	0.147	0.0585	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J20	248	186.062	0.031	1.1	0.0354	0.0000	OK
480 minute summer	J21	248	186.042	0.033	1.4	0.0377	0.0000	OK
480 minute summer	J22	248	186.001	0.038	1.7	0.0435	0.0000	OK
480 minute summer	J23	248	185.981	0.039	1.8	0.0437	0.0000	OK
480 minute summer	J24	248	185.867	0.049	2.8	0.0560	0.0000	OK
480 minute summer	J25	248	185.849	0.053	3.1	0.0602	0.0000	OK
480 minute summer	J26	248	185.836	0.057	3.3	0.0645	0.0000	OK
480 minute summer	J27	248	185.797	0.061	4.4	0.0693	0.0000	OK
480 minute summer	J28	248	186.384	0.028	1.0	0.0318	0.0000	OK
480 minute summer	J29	248	186.303	0.032	1.2	0.0362	0.0000	OK
480 minute summer	J30	248	186.194	0.047	2.5	0.0531	0.0000	OK
480 minute summer	J31	248	186.092	0.048	2.8	0.0542	0.0000	OK
480 minute summer	J32	248	186.058	0.047	3.1	0.0535	0.0000	OK
480 minute summer	J33	248	185.566	0.031	4.2	0.0348	0.0000	OK
480 minute summer	J34	248	185.183	0.058	5.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J20	23.002	J21	1.1	0.412	0.085	0.0105	
480 minute summer	J21	23.003	J22	1.4	0.436	0.105	0.0259	
480 minute summer	J22	23.004	J23	1.7	0.468	0.124	0.0128	
480 minute summer	J23	23.005	S18	1.8	0.520	0.135	0.0262	
480 minute summer	J24	23.007	J25	2.8	0.412	0.093	0.0421	
480 minute summer	J25	23.008	J26	3.1	0.408	0.101	0.0374	
480 minute summer	J26	23.009	S19	3.3	0.410	0.109	0.0301	
480 minute summer	J27	23.011	S4	4.4	0.552	0.147	0.0190	
480 minute summer	J28	32.001	J29	1.0	0.505	0.168	0.0174	
480 minute summer	J29	32.002	S12	1.2	0.574	0.201	0.0097	
480 minute summer	J30	32.004	J31	2.5	0.559	0.190	0.0225	
480 minute summer	J31	32.005	J32	2.8	0.457	0.093	0.0595	
480 minute summer	J32	32.006	S13	3.1	0.662	0.101	0.0247	
480 minute summer	J33	32.008	S14	4.2	0.831	0.040	0.0466	
480 minute summer	J34	32.010	J35	5.2	0.850	0.135	0.0560	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J35	248	185.113	0.038	5.4	0.0424	0.0000	OK
480 minute summer	J36	248	184.937	0.062	5.7	0.0697	0.0000	OK
480 minute summer	J37	248	184.565	0.065	6.8	0.0732	0.0000	OK
480 minute summer	J38	248	184.382	0.082	8.0	0.0922	0.0000	OK
480 minute summer	J39	248	184.350	0.076	8.3	0.0854	0.0000	OK
480 minute summer	J40	248	184.327	0.062	8.4	0.0702	0.0000	OK
480 minute summer	J41	256	184.614	0.016	0.3	0.0186	0.0000	OK
480 minute summer	J42	256	184.559	0.022	0.6	0.0251	0.0000	OK
480 minute summer	J43	256	184.420	0.040	1.6	0.0449	0.0000	OK
480 minute summer	J44	256	184.409	0.039	1.8	0.0435	0.0000	OK
480 minute summer	J45	256	184.363	0.043	2.0	0.0482	0.0000	OK
480 minute summer	J46	256	184.277	0.055	3.0	0.0622	0.0000	OK
480 minute summer	J47	256	184.269	0.062	3.2	0.0703	0.0000	OK
480 minute summer	J48	256	184.256	0.062	4.2	0.0705	0.0000	OK
480 minute summer	J49	256	184.242	0.073	4.5	0.0820	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J35	32.011	J36	5.4	0.836	0.061	0.0452	
480 minute summer	J36	32.012	S15	5.7	0.819	0.189	0.0166	
480 minute summer	J37	32.014	S16	6.8	0.926	0.124	0.0395	
480 minute summer	J38	32.016	J39	8.0	0.545	0.148	0.1587	
480 minute summer	J39	32.017	J40	8.2	0.678	0.151	0.0445	
480 minute summer	J40	32.018	S10	8.4	0.838	0.085	0.0964	
480 minute summer	J41	48.002	J42	0.3	0.331	0.059	0.0066	
480 minute summer	J42	48.003	S21	0.6	0.481	0.103	0.0104	
480 minute summer	J43	48.005	J44	1.6	0.448	0.117	0.0059	
480 minute summer	J44	48.006	J45	1.8	0.478	0.137	0.0337	
480 minute summer	J45	48.007	S22	2.0	0.525	0.150	0.0092	
480 minute summer	J46	48.009	J47	3.0	0.366	0.097	0.0346	
480 minute summer	J47	48.010	S23	3.2	0.345	0.106	0.0245	
480 minute summer	J48	48.012	J49	4.2	0.424	0.141	0.0745	
480 minute summer	J49	48.013	J50	4.5	0.419	0.147	0.0122	

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J50	256	184.234	0.069	4.8	0.0785	0.0000	OK
480 minute summer	J51	256	184.222	0.074	5.0	0.0840	0.0000	OK
480 minute summer	J52	256	184.214	0.070	5.3	0.0790	0.0000	OK
480 minute summer	J53	256	184.195	0.068	5.5	0.0764	0.0000	OK
480 minute summer	J54	248	185.158	0.029	1.0	0.0331	0.0000	OK
480 minute summer	J55	248	185.122	0.028	1.3	0.0321	0.0000	OK
480 minute summer	J56	248	184.089	0.082	7.6	0.0928	0.0000	OK
480 minute summer	J57	256	184.069	0.084	7.8	0.0946	0.0000	OK
480 minute summer	BASIN 1	344	185.471	0.546	13.5	56.4546	0.0000	SURCHARGED
480 minute summer	BASIN 2	624	184.836	0.535	2.6	53.9805	0.0000	OK
480 minute summer	BASIN 3	720	182.856	-0.244	10.7	93.5708	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J50	48.014	J51	4.8	0.436	0.159	0.0553	
480 minute summer	J51	48.015	J52	5.0	0.453	0.162	0.0124	
480 minute summer	J52	48.016	J53	5.3	0.519	0.174	0.0499	
480 minute summer	J53	48.017	S24	5.5	0.596	0.183	0.0949	
480 minute summer	J54	65.002	J55	1.0	0.536	0.168	0.0068	
480 minute summer	J55	65.003	S24	1.3	0.704	0.165	0.0141	
480 minute summer	J56	48.019	J57	7.6	0.482	0.140	0.1436	
480 minute summer	J57	48.020	S25	7.8	0.501	0.143	0.0958	
480 minute summer	BASIN 1	1.023	S5	2.5	0.137	0.030	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				3.4
480 minute summer	BASIN 2	1.027	S7	1.8	0.448	0.022	0.0900	
480 minute summer	BASIN 2	71.000	BH1	0.7	0.498	0.121	0.1829	
480 minute summer	BASIN 2	Infiltration		0.0				0.0
480 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
480 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	BASIN 4	488	183.547	0.217	9.4	62.3217	0.0000	OK
480 minute summer	SWALE 1	344	184.919	0.045	2.5	0.0647	0.0000	OK
480 minute summer	SWALE 2	624	184.415	0.040	1.8	0.0569	0.0000	OK
480 minute summer	SWALE 3	248	184.065	0.070	9.5	0.1006	0.0000	OK
480 minute summer	BH1	624	184.835	0.758	0.7	3.0011	0.0000	OK
480 minute summer	BH2	8	183.083	0.000	0.0	0.0000	0.0000	OK
480 minute summer	BH3	488	183.547	0.228	0.6	2.6715	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	BASIN 4	48.022	BH3	0.6	0.275	0.012	0.2558	
480 minute summer	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	2.5	0.344	0.030	0.2762	
480 minute summer	SWALE 2	1.029	S8	1.8	0.419	0.022	0.1135	
480 minute summer	SWALE 3	1.033	BASIN 3	9.5	0.676	0.076	0.6061	
480 minute summer	BH1	Infiltration		0.1				3.5
480 minute summer	BH2	Infiltration		0.0				0.0
480 minute summer	BH3	Infiltration		0.2				6.1

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	232	188.385	0.015	0.4	0.0215	0.0000	OK
480 minute winter	S2	248	187.097	0.058	3.9	0.0997	0.0000	OK
480 minute winter	S3	248	186.194	0.057	5.2	0.0763	0.0000	OK
480 minute winter	S4	360	185.466	0.088	8.9	0.1130	0.0000	OK
480 minute winter	S5	360	185.466	0.556	2.5	0.7959	0.0000	SURCHARGED
480 minute winter	S6	360	184.852	0.044	2.5	0.0625	0.0000	OK
480 minute winter	S7	624	184.780	0.021	1.8	0.0298	0.0000	OK
480 minute winter	S8	624	184.352	0.022	1.8	0.0319	0.0000	OK
480 minute winter	S9	624	184.161	0.035	1.8	0.0508	0.0000	OK
480 minute winter	S10	256	184.150	0.037	6.4	0.0675	0.0000	OK
480 minute winter	S11	232	186.420	0.020	0.5	0.0316	0.0000	OK
480 minute winter	S12	272	186.210	0.034	1.4	0.0509	0.0000	OK
480 minute winter	S13	272	186.018	0.025	2.5	0.0377	0.0000	OK
480 minute winter	S14	256	185.217	0.042	3.4	0.0662	0.0000	OK
480 minute winter	S15	256	184.902	0.034	4.4	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S1	1.000	J1	0.4	0.373	0.046	0.0090	
480 minute winter	S2	1.012	J12	3.9	0.530	0.129	0.0109	
480 minute winter	S3	1.019	J18	5.2	0.796	0.098	0.0343	
480 minute winter	S4	1.022	BASIN 1	8.9	1.010	0.053	0.7330	
480 minute winter	S5	1.024	SWALE 1	2.5	0.337	0.030	0.1513	
480 minute winter	S6	1.026	BASIN 2	2.5	0.411	0.029	0.0351	
480 minute winter	S7	1.028	SWALE 2	1.8	0.436	0.006	0.0720	
480 minute winter	S8	1.030	S9	1.8	0.469	0.007	0.0473	
480 minute winter	S9	1.031	S10	1.8	0.498	0.022	0.0291	
480 minute winter	S10	1.032	SWALE 3	6.4	0.792	0.019	0.0356	
480 minute winter	S11	32.000	J28	0.5	0.424	0.084	0.0053	
480 minute winter	S12	32.003	J30	1.4	0.438	0.105	0.0163	
480 minute winter	S13	32.007	J33	2.5	1.035	0.026	0.0316	
480 minute winter	S14	32.009	J34	3.4	0.606	0.067	0.0294	
480 minute winter	S15	32.013	J37	4.4	1.172	0.047	0.0349	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	256	184.514	0.027	5.2	0.0406	0.0000	OK
480 minute winter	S17	272	186.172	0.022	0.6	0.0350	0.0000	OK
480 minute winter	S18	272	185.864	0.040	1.7	0.0589	0.0000	OK
480 minute winter	S19	272	185.813	0.047	2.7	0.0681	0.0000	OK
480 minute winter	S20	256	184.657	0.015	0.3	0.0174	0.0000	OK
480 minute winter	S21	248	184.439	0.030	1.1	0.0394	0.0000	OK
480 minute winter	S22	248	184.275	0.044	2.1	0.0575	0.0000	OK
480 minute winter	S23	248	184.253	0.055	2.9	0.0705	0.0000	OK
480 minute winter	S24	248	184.087	0.070	5.3	0.0926	0.0000	OK
480 minute winter	S25	248	184.038	0.068	5.9	0.0939	0.0000	OK
480 minute winter	S26	240	185.392	0.015	0.5	0.0221	0.0000	OK
480 minute winter	FC1	280	188.302	0.052	0.2	0.0665	0.0000	OK
480 minute winter	FC2	280	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S16	32.015	J38	5.2	0.747	0.016	0.0169	
480 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0090	
480 minute winter	S18	23.006	J24	1.7	0.365	0.053	0.0085	
480 minute winter	S19	23.010	J27	2.7	0.432	0.090	0.0556	
480 minute winter	S20	48.001	J41	0.3	0.387	0.049	0.0035	
480 minute winter	S21	48.004	J43	1.1	0.391	0.081	0.0140	
480 minute winter	S22	48.008	J46	2.1	0.372	0.066	0.0135	
480 minute winter	S23	48.011	J48	2.9	0.402	0.093	0.0080	
480 minute winter	S24	48.018	J56	5.3	0.435	0.100	0.0521	
480 minute winter	S25	48.021	BASIN 4	5.9	0.557	0.111	0.0410	
480 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
480 minute winter	FC1	2.000	J1	0.2	0.227	0.032	0.0048	
480 minute winter	FC1	Infiltration		0.0				0.0
480 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
480 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC3	256	188.297	0.097	0.3	0.1312	0.0000	OK
480 minute winter	FC4	168	188.222	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC5	280	188.052	0.052	0.2	0.0672	0.0000	OK
480 minute winter	FC6	272	187.872	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC7	192	187.772	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC8	280	187.800	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC9	328	187.492	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC10	256	187.567	0.097	0.3	0.1308	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC3	4.000	J3	0.3	0.404	0.046	0.0067	
480 minute winter	FC3	Infiltration		0.0				0.0
480 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
480 minute winter	FC4	Infiltration		0.0				0.0
480 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
480 minute winter	FC5	Infiltration		0.0				0.0
480 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
480 minute winter	FC6	Infiltration		0.0				0.0
480 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
480 minute winter	FC7	Infiltration		0.0				0.0
480 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
480 minute winter	FC8	Infiltration		0.0				0.0
480 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
480 minute winter	FC9	Infiltration		0.0				0.0
480 minute winter	FC10	11.000	J10	0.3	0.419	0.044	0.0043	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC11	280	187.372	0.052	0.2	0.0671	0.0000	OK
480 minute winter	FC12	280	187.282	0.052	0.2	0.0671	0.0000	OK
480 minute winter	FC13	280	187.052	0.052	0.2	0.0670	0.0000	OK
480 minute winter	FC14	280	186.940	0.040	0.2	0.5092	0.0000	OK
480 minute winter	FC15	200	187.222	0.022	0.1	0.0274	0.0000	OK
480 minute winter	FC16	272	186.922	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC17	232	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC10	Infiltration		0.0				0.0
480 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
480 minute winter	FC11	Infiltration		0.0				0.0
480 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
480 minute winter	FC12	Infiltration		0.0				0.0
480 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
480 minute winter	FC13	Infiltration		0.0				0.0
480 minute winter	FC14	15.000	J13	0.2	0.331	0.029	0.0039	
480 minute winter	FC14	Infiltration		0.0				0.0
480 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
480 minute winter	FC15	Infiltration		0.0				0.0
480 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
480 minute winter	FC16	Infiltration		0.0				0.0
480 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
480 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC18	328	186.572	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC19	280	186.452	0.052	0.2	0.0671	0.0000	OK
480 minute winter	FC20	280	187.000	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC21	280	186.352	0.052	0.2	0.0671	0.0000	OK
480 minute winter	FC22	336	186.472	0.022	0.1	0.2128	0.0000	OK
480 minute winter	FC23	224	186.322	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC24	280	186.350	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC25	280	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
480 minute winter	FC18	Infiltration		0.0				0.0
480 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
480 minute winter	FC19	Infiltration		0.0				0.0
480 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
480 minute winter	FC20	Infiltration		0.0				0.0
480 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
480 minute winter	FC21	Infiltration		0.0				0.0
480 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0035	
480 minute winter	FC22	Infiltration		0.0				0.0
480 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
480 minute winter	FC23	Infiltration		0.0				0.0
480 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
480 minute winter	FC24	Infiltration		0.0				0.0
480 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC26	296	186.472	0.022	0.1	0.2216	0.0000	OK
480 minute winter	FC27	216	186.522	0.022	0.1	0.0273	0.0000	OK
480 minute winter	FC28	280	186.550	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC29	280	186.550	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC30	280	186.800	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC31	328	186.472	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC32	256	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC25	Infiltration		0.0				0.0
480 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
480 minute winter	FC26	Infiltration		0.0				0.0
480 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
480 minute winter	FC27	Infiltration		0.0				0.0
480 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
480 minute winter	FC28	Infiltration		0.0				0.0
480 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
480 minute winter	FC29	Infiltration		0.0				0.0
480 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
480 minute winter	FC30	Infiltration		0.0				0.0
480 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0032	
480 minute winter	FC31	Infiltration		0.0				0.0
480 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0034	
480 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC33	280	186.500	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC34	280	186.502	0.052	0.2	0.0668	0.0000	OK
480 minute winter	FC35	280	186.500	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC36	280	186.500	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC37	256	185.895	0.095	0.3	0.1284	0.0000	OK
480 minute winter	FC38	320	185.472	0.022	0.1	0.2638	0.0000	OK
480 minute winter	FC39	224	185.472	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC40	280	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
480 minute winter	FC33	Infiltration		0.0				0.0
480 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
480 minute winter	FC34	Infiltration		0.0				0.0
480 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
480 minute winter	FC35	Infiltration		0.0				0.0
480 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
480 minute winter	FC36	Infiltration		0.0				0.0
480 minute winter	FC37	39.000	J33	0.3	0.513	0.033	0.0037	
480 minute winter	FC37	Infiltration		0.0				0.0
480 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
480 minute winter	FC38	Infiltration		0.0				0.0
480 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
480 minute winter	FC39	Infiltration		0.0				0.0
480 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC41	280	184.900	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC42	280	184.650	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC43	280	184.650	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC44	168	184.607	0.007	0.1	0.0088	0.0000	OK
480 minute winter	FC45	256	184.622	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC46	256	184.798	0.098	0.3	0.1318	0.0000	OK
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	280	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC40	Infiltration		0.0				0.0
480 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
480 minute winter	FC41	Infiltration		0.0				0.0
480 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
480 minute winter	FC42	Infiltration		0.0				0.0
480 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
480 minute winter	FC43	Infiltration		0.0				0.0
480 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
480 minute winter	FC44	Infiltration		0.0				0.0
480 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
480 minute winter	FC45	Infiltration		0.0				0.0
480 minute winter	FC46	48.000	S20	0.3	0.383	0.049	0.0045	
480 minute winter	FC46	Infiltration		0.0				0.0
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0019	
480 minute winter	FC48	50.000	J42	0.2	0.324	0.014	0.0035	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC49	280	184.852	0.052	0.2	0.0672	0.0000	OK
480 minute winter	FC50	280	184.852	0.052	0.2	0.0672	0.0000	OK
480 minute winter	FC51	280	184.902	0.052	0.2	0.0671	0.0000	OK
480 minute winter	FC52	280	185.300	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC53	280	185.300	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC54	328	185.272	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC55	272	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC48	Infiltration		0.0				0.0
480 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
480 minute winter	FC49	Infiltration		0.0				0.0
480 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
480 minute winter	FC50	Infiltration		0.0				0.0
480 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
480 minute winter	FC51	Infiltration		0.0				0.0
480 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
480 minute winter	FC52	Infiltration		0.0				0.0
480 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
480 minute winter	FC53	Infiltration		0.0				0.0
480 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
480 minute winter	FC54	Infiltration		0.0				0.0
480 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
480 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC56	200	185.372	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC57	264	185.372	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC58	232	185.372	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC59	184	185.372	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC60	280	185.400	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC61	280	185.350	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC62	256	185.346	0.096	0.3	0.1295	0.0000	OK
480 minute winter	FC63	184	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
480 minute winter	FC56	Infiltration		0.0				0.0
480 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
480 minute winter	FC57	Infiltration		0.0				0.0
480 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
480 minute winter	FC58	Infiltration		0.0				0.0
480 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
480 minute winter	FC59	Infiltration		0.0				0.0
480 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
480 minute winter	FC60	Infiltration		0.0				0.0
480 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
480 minute winter	FC61	Infiltration		0.0				0.0
480 minute winter	FC62	63.000	J52	0.3	0.465	0.038	0.0058	
480 minute winter	FC62	Infiltration		0.0				0.0
480 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC64	160	185.172	0.022	0.1	0.0275	0.0000	OK
480 minute winter	FC65	280	185.200	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC66	280	185.051	0.051	0.2	0.0660	0.0000	OK
480 minute winter	FC67	272	184.822	0.022	0.1	0.2262	0.0000	OK
480 minute winter	FC68	224	184.572	0.022	0.1	0.0275	0.0000	OK
480 minute winter	J1	264	188.224	0.024	1.0	0.0359	0.0000	OK
480 minute winter	J2	256	188.092	0.036	1.2	0.0402	0.0000	OK
480 minute winter	J3	256	188.084	0.034	1.5	0.0387	0.0000	OK
480 minute winter	J4	256	188.062	0.023	1.6	0.0263	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC63	Infiltration		0.0				0.0
480 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
480 minute winter	FC64	Infiltration		0.0				0.0
480 minute winter	FC65	67.000	J55	0.2	0.267	0.021	0.0019	
480 minute winter	FC65	Infiltration		0.0				0.0
480 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
480 minute winter	FC66	Infiltration		0.0				0.0
480 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
480 minute winter	FC67	Infiltration		0.0				0.0
480 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
480 minute winter	FC68	Infiltration		0.0				0.0
480 minute winter	J1	1.001	J2	1.0	0.696	0.121	0.0072	
480 minute winter	J2	1.002	J3	1.2	0.395	0.089	0.0032	
480 minute winter	J3	1.003	J4	1.5	0.633	0.112	0.0046	
480 minute winter	J4	1.004	J5	1.6	0.950	0.047	0.0059	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J5	256	187.932	0.022	1.8	0.0250	0.0000	OK
480 minute winter	J6	256	187.679	0.029	1.9	0.0328	0.0000	OK
480 minute winter	J7	256	187.561	0.036	2.0	0.0405	0.0000	OK
480 minute winter	J8	256	187.545	0.024	2.2	0.0276	0.0000	OK
480 minute winter	J9	256	187.314	0.039	2.3	0.0443	0.0000	OK
480 minute winter	J10	256	187.292	0.022	2.6	0.0253	0.0000	OK
480 minute winter	J11	256	187.153	0.032	2.8	0.0359	0.0000	OK
480 minute winter	J12	248	186.849	0.040	4.1	0.0447	0.0000	OK
480 minute winter	J13	248	186.690	0.063	4.2	0.0717	0.0000	OK
480 minute winter	J14	248	186.682	0.060	4.3	0.0684	0.0000	OK
480 minute winter	J15	248	186.672	0.055	4.4	0.0618	0.0000	OK
480 minute winter	J16	248	186.645	0.040	4.5	0.0450	0.0000	OK
480 minute winter	J17	248	186.309	0.026	4.6	0.0289	0.0000	OK
480 minute winter	J18	248	186.157	0.032	5.4	0.0361	0.0000	OK
480 minute winter	J19	248	186.093	0.066	5.6	0.0742	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J5	1.005	J6	1.8	0.900	0.047	0.0113	
480 minute winter	J6	1.006	J7	1.9	0.850	0.066	0.0044	
480 minute winter	J7	1.007	J8	2.0	0.633	0.065	0.0036	
480 minute winter	J8	1.008	J9	2.2	0.642	0.025	0.0293	
480 minute winter	J9	1.009	J10	2.3	0.720	0.070	0.0040	
480 minute winter	J10	1.010	J11	2.6	0.958	0.020	0.0066	
480 minute winter	J11	1.011	S2	2.8	0.502	0.043	0.0306	
480 minute winter	J12	1.013	J13	4.1	0.902	0.060	0.0291	
480 minute winter	J13	1.014	J14	4.2	0.402	0.074	0.0198	
480 minute winter	J14	1.015	J15	4.3	0.457	0.076	0.0181	
480 minute winter	J15	1.016	J16	4.4	0.622	0.083	0.0365	
480 minute winter	J16	1.017	J17	4.5	0.869	0.032	0.0174	
480 minute winter	J17	1.018	S3	4.6	0.788	0.015	0.0116	
480 minute winter	J18	1.020	J19	5.4	0.728	0.019	0.0114	
480 minute winter	J19	1.021	S4	5.6	0.551	0.102	0.0448	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J20	272	186.055	0.024	0.7	0.0273	0.0000	OK
480 minute winter	J21	272	186.035	0.026	0.9	0.0298	0.0000	OK
480 minute winter	J22	272	185.994	0.031	1.1	0.0347	0.0000	OK
480 minute winter	J23	272	185.973	0.031	1.2	0.0353	0.0000	OK
480 minute winter	J24	272	185.856	0.039	1.8	0.0440	0.0000	OK
480 minute winter	J25	272	185.838	0.042	2.0	0.0474	0.0000	OK
480 minute winter	J26	272	185.824	0.045	2.2	0.0509	0.0000	OK
480 minute winter	J27	272	185.786	0.049	2.9	0.0559	0.0000	OK
480 minute winter	J28	272	186.378	0.022	0.6	0.0244	0.0000	OK
480 minute winter	J29	264	186.295	0.024	0.7	0.0272	0.0000	OK
480 minute winter	J30	272	186.184	0.037	1.6	0.0417	0.0000	OK
480 minute winter	J31	272	186.082	0.038	1.8	0.0433	0.0000	OK
480 minute winter	J32	272	186.050	0.039	2.0	0.0438	0.0000	OK
480 minute winter	J33	256	185.560	0.025	2.8	0.0287	0.0000	OK
480 minute winter	J34	256	185.173	0.048	3.5	0.0538	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J20	23.002	J21	0.7	0.358	0.052	0.0074	
480 minute winter	J21	23.003	J22	0.9	0.386	0.067	0.0187	
480 minute winter	J22	23.004	J23	1.1	0.420	0.081	0.0094	
480 minute winter	J23	23.005	S18	1.2	0.463	0.089	0.0194	
480 minute winter	J24	23.007	J25	1.8	0.373	0.060	0.0298	
480 minute winter	J25	23.008	J26	2.0	0.373	0.066	0.0266	
480 minute winter	J26	23.009	S19	2.2	0.376	0.072	0.0216	
480 minute winter	J27	23.011	S4	2.9	0.494	0.097	0.0140	
480 minute winter	J28	32.001	J29	0.6	0.447	0.101	0.0119	
480 minute winter	J29	32.002	S12	0.7	0.496	0.118	0.0066	
480 minute winter	J30	32.004	J31	1.6	0.494	0.121	0.0161	
480 minute winter	J31	32.005	J32	1.8	0.400	0.060	0.0438	
480 minute winter	J32	32.006	S13	2.0	0.583	0.066	0.0184	
480 minute winter	J33	32.008	S14	2.8	0.760	0.027	0.0343	
480 minute winter	J34	32.010	J35	3.5	0.756	0.090	0.0421	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J35	256	185.106	0.031	3.6	0.0348	0.0000	OK
480 minute winter	J36	256	184.926	0.051	3.8	0.0572	0.0000	OK
480 minute winter	J37	256	184.554	0.054	4.6	0.0610	0.0000	OK
480 minute winter	J38	256	184.367	0.066	5.4	0.0752	0.0000	OK
480 minute winter	J39	256	184.336	0.062	5.6	0.0702	0.0000	OK
480 minute winter	J40	256	184.316	0.051	5.7	0.0573	0.0000	OK
480 minute winter	J41	256	184.612	0.015	0.3	0.0170	0.0000	OK
480 minute winter	J42	256	184.557	0.020	0.5	0.0224	0.0000	OK
480 minute winter	J43	248	184.414	0.034	1.3	0.0389	0.0000	OK
480 minute winter	J44	248	184.403	0.033	1.4	0.0375	0.0000	OK
480 minute winter	J45	248	184.356	0.036	1.5	0.0406	0.0000	OK
480 minute winter	J46	248	184.267	0.045	2.2	0.0507	0.0000	OK
480 minute winter	J47	248	184.258	0.051	2.3	0.0574	0.0000	OK
480 minute winter	J48	248	184.246	0.052	3.1	0.0583	0.0000	OK
480 minute winter	J49	248	184.229	0.060	3.3	0.0681	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J35	32.011	J36	3.6	0.736	0.040	0.0340	
480 minute winter	J36	32.012	S15	3.8	0.728	0.126	0.0124	
480 minute winter	J37	32.014	S16	4.6	0.816	0.083	0.0301	
480 minute winter	J38	32.016	J39	5.4	0.488	0.100	0.1194	
480 minute winter	J39	32.017	J40	5.6	0.610	0.102	0.0335	
480 minute winter	J40	32.018	S10	5.7	0.751	0.057	0.0724	
480 minute winter	J41	48.002	J42	0.3	0.331	0.049	0.0057	
480 minute winter	J42	48.003	S21	0.5	0.451	0.083	0.0088	
480 minute winter	J43	48.005	J44	1.3	0.430	0.091	0.0048	
480 minute winter	J44	48.006	J45	1.4	0.449	0.103	0.0268	
480 minute winter	J45	48.007	S22	1.5	0.481	0.109	0.0073	
480 minute winter	J46	48.009	J47	2.2	0.353	0.070	0.0259	
480 minute winter	J47	48.010	S23	2.3	0.322	0.075	0.0186	
480 minute winter	J48	48.012	J49	3.1	0.400	0.103	0.0571	
480 minute winter	J49	48.013	J50	3.3	0.396	0.107	0.0094	

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J50	248	184.223	0.058	3.5	0.0650	0.0000	OK
480 minute winter	J51	248	184.210	0.062	3.6	0.0701	0.0000	OK
480 minute winter	J52	248	184.202	0.058	3.8	0.0661	0.0000	OK
480 minute winter	J53	248	184.184	0.057	3.9	0.0642	0.0000	OK
480 minute winter	J54	224	185.151	0.022	0.6	0.0253	0.0000	OK
480 minute winter	J55	272	185.116	0.022	0.8	0.0254	0.0000	OK
480 minute winter	J56	248	184.075	0.068	5.4	0.0771	0.0000	OK
480 minute winter	J57	248	184.055	0.070	5.5	0.0787	0.0000	OK
480 minute winter	BASIN 1	360	185.466	0.541	9.2	55.8882	0.0000	SURCHARGED
480 minute winter	BASIN 2	624	184.836	0.536	2.6	54.0000	0.0000	OK
480 minute winter	BASIN 3	720	182.856	-0.244	7.2	93.6697	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J50	48.014	J51	3.5	0.411	0.116	0.0428	
480 minute winter	J51	48.015	J52	3.6	0.418	0.116	0.0097	
480 minute winter	J52	48.016	J53	3.8	0.480	0.126	0.0390	
480 minute winter	J53	48.017	S24	3.9	0.544	0.131	0.0743	
480 minute winter	J54	65.002	J55	0.6	0.460	0.101	0.0048	
480 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
480 minute winter	J56	48.019	J57	5.4	0.446	0.100	0.1107	
480 minute winter	J57	48.020	S25	5.5	0.456	0.101	0.0743	
480 minute winter	BASIN 1	1.023	S5	2.5	0.195	0.030	0.9418	
480 minute winter	BASIN 1	Infiltration		0.1				3.5
480 minute winter	BASIN 2	1.027	S7	1.8	0.450	0.022	0.0906	
480 minute winter	BASIN 2	71.000	BH1	0.8	0.502	0.130	0.1829	
480 minute winter	BASIN 2	Infiltration		0.0				0.0
480 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
480 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	BASIN 4	480	183.552	0.222	6.6	63.8007	0.0000	OK
480 minute winter	SWALE 1	360	184.919	0.045	2.5	0.0645	0.0000	OK
480 minute winter	SWALE 2	624	184.415	0.040	1.8	0.0572	0.0000	OK
480 minute winter	SWALE 3	256	184.053	0.058	6.4	0.0828	0.0000	OK
480 minute winter	BH1	624	184.836	0.759	0.8	3.0016	0.0000	OK
480 minute winter	BH2	8	183.083	0.000	0.0	0.0000	0.0000	OK
480 minute winter	BH3	480	183.552	0.233	0.9	2.6949	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	BASIN 4	48.022	BH3	0.9	0.277	0.016	0.2617	
480 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	2.5	0.344	0.030	0.2753	
480 minute winter	SWALE 2	1.029	S8	1.8	0.420	0.022	0.1142	
480 minute winter	SWALE 3	1.033	BASIN 3	6.4	0.609	0.051	0.4527	
480 minute winter	BH1	Infiltration		0.1				3.4
480 minute winter	BH2	Infiltration		0.0				0.0
480 minute winter	BH3	Infiltration		0.2				6.2

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.386	0.016	0.5	0.0240	0.0000	OK
600 minute summer	S2	315	187.102	0.063	4.7	0.1097	0.0000	OK
600 minute summer	S3	315	186.201	0.064	6.5	0.0845	0.0000	OK
600 minute summer	S4	420	185.460	0.082	11.1	0.1053	0.0000	OK
600 minute summer	S5	420	185.460	0.550	2.5	0.7873	0.0000	SURCHARGED
600 minute summer	S6	420	184.852	0.044	2.5	0.0623	0.0000	OK
600 minute summer	S7	675	184.780	0.021	1.8	0.0299	0.0000	OK
600 minute summer	S8	690	184.353	0.022	1.8	0.0321	0.0000	OK
600 minute summer	S9	690	184.161	0.036	1.8	0.0510	0.0000	OK
600 minute summer	S10	315	184.154	0.041	7.6	0.0743	0.0000	OK
600 minute summer	S11	315	186.422	0.022	0.6	0.0346	0.0000	OK
600 minute summer	S12	315	186.215	0.039	1.8	0.0581	0.0000	OK
600 minute summer	S13	315	186.020	0.027	3.0	0.0409	0.0000	OK
600 minute summer	S14	315	185.221	0.046	4.0	0.0722	0.0000	OK
600 minute summer	S15	315	184.905	0.038	5.2	0.0591	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S1	1.000	J1	0.5	0.404	0.057	0.0103	
600 minute summer	S2	1.012	J12	4.7	0.560	0.156	0.0124	
600 minute summer	S3	1.019	J18	6.5	0.839	0.121	0.0404	
600 minute summer	S4	1.022	BASIN 1	11.1	0.942	0.066	0.7195	
600 minute summer	S5	1.024	SWALE 1	2.5	0.336	0.030	0.1507	
600 minute summer	S6	1.026	BASIN 2	2.5	0.410	0.029	0.0354	
600 minute summer	S7	1.028	SWALE 2	1.8	0.438	0.006	0.0726	
600 minute summer	S8	1.030	S9	1.8	0.471	0.007	0.0477	
600 minute summer	S9	1.031	S10	1.8	0.500	0.022	0.0344	
600 minute summer	S10	1.032	SWALE 3	7.6	0.827	0.023	0.0405	
600 minute summer	S11	32.000	J28	0.6	0.436	0.101	0.0063	
600 minute summer	S12	32.003	J30	1.8	0.470	0.134	0.0193	
600 minute summer	S13	32.007	J33	3.0	1.089	0.030	0.0356	
600 minute summer	S14	32.009	J34	4.0	0.630	0.078	0.0331	
600 minute summer	S15	32.013	J37	5.2	1.229	0.056	0.0395	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.516	0.029	6.1	0.0438	0.0000	OK
600 minute summer	S17	315	186.176	0.026	0.8	0.0417	0.0000	OK
600 minute summer	S18	315	185.871	0.047	2.3	0.0694	0.0000	OK
600 minute summer	S19	315	185.821	0.055	3.6	0.0790	0.0000	OK
600 minute summer	S20	330	184.658	0.016	0.3	0.0176	0.0000	OK
600 minute summer	S21	330	184.439	0.030	1.1	0.0398	0.0000	OK
600 minute summer	S22	315	184.278	0.047	2.3	0.0614	0.0000	OK
600 minute summer	S23	315	184.257	0.059	3.3	0.0757	0.0000	OK
600 minute summer	S24	315	184.094	0.077	6.3	0.1017	0.0000	OK
600 minute summer	S25	315	184.045	0.075	7.1	0.1031	0.0000	OK
600 minute summer	S26	315	185.395	0.018	0.7	0.0260	0.0000	OK
600 minute summer	FC1	330	188.301	0.051	0.2	0.0664	0.0000	OK
600 minute summer	FC2	330	188.202	0.052	0.2	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S16	32.015	J38	6.1	0.783	0.019	0.0189	
600 minute summer	S17	23.001	J20	0.8	0.527	0.142	0.0114	
600 minute summer	S18	23.006	J24	2.3	0.384	0.071	0.0108	
600 minute summer	S19	23.010	J27	3.6	0.466	0.119	0.0680	
600 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
600 minute summer	S21	48.004	J43	1.1	0.392	0.082	0.0143	
600 minute summer	S22	48.008	J46	2.3	0.370	0.072	0.0150	
600 minute summer	S23	48.011	J48	3.3	0.414	0.106	0.0089	
600 minute summer	S24	48.018	J56	6.3	0.450	0.118	0.0596	
600 minute summer	S25	48.021	BASIN 4	7.1	0.586	0.134	0.0470	
600 minute summer	S26	65.001	J54	0.7	0.526	0.067	0.0114	
600 minute summer	FC1	2.000	J1	0.2	0.212	0.032	0.0053	
600 minute summer	FC1	Infiltration		0.0				0.0
600 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
600 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC3	330	188.302	0.102	0.3	0.1380	0.0000	SURCHARGED
600 minute summer	FC4	315	188.248	0.048	0.2	0.0606	0.0000	OK
600 minute summer	FC5	330	188.052	0.052	0.2	0.0671	0.0000	OK
600 minute summer	FC6	315	187.898	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC7	315	187.799	0.049	0.2	0.0608	0.0000	OK
600 minute summer	FC8	330	187.800	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC9	315	187.519	0.049	0.2	0.0619	0.0000	OK
600 minute summer	FC10	330	187.572	0.102	0.3	0.1376	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC3	4.000	J3	0.3	0.407	0.048	0.0069	
600 minute summer	FC3	Infiltration		0.0				0.0
600 minute summer	FC4	5.000	J4	0.2	0.404	0.026	0.0035	
600 minute summer	FC4	Infiltration		0.0				0.0
600 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
600 minute summer	FC5	Infiltration		0.0				0.0
600 minute summer	FC6	7.000	J6	0.2	0.450	0.022	0.0032	
600 minute summer	FC6	Infiltration		0.0				0.0
600 minute summer	FC7	8.000	J7	0.2	0.391	0.027	0.0036	
600 minute summer	FC7	Infiltration		0.0				0.0
600 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
600 minute summer	FC8	Infiltration		0.0				0.0
600 minute summer	FC9	10.000	J9	0.2	0.345	0.033	0.0041	
600 minute summer	FC9	Infiltration		0.0				0.0
600 minute summer	FC10	11.000	J10	0.3	0.423	0.045	0.0044	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC11	330	187.372	0.052	0.2	0.0669	0.0000	OK
600 minute summer	FC12	330	187.282	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC13	330	187.052	0.052	0.2	0.0669	0.0000	OK
600 minute summer	FC14	330	186.936	0.036	0.2	0.4597	0.0000	OK
600 minute summer	FC15	315	187.248	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC16	315	186.949	0.049	0.2	0.0615	0.0000	OK
600 minute summer	FC17	315	187.048	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC10	Infiltration		0.0				0.0
600 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
600 minute summer	FC11	Infiltration		0.0				0.0
600 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
600 minute summer	FC12	Infiltration		0.0				0.0
600 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
600 minute summer	FC13	Infiltration		0.0				0.0
600 minute summer	FC14	15.000	J13	0.2	0.325	0.027	0.0037	
600 minute summer	FC14	Infiltration		0.0				0.0
600 minute summer	FC15	16.000	J14	0.2	0.724	0.011	0.0013	
600 minute summer	FC15	Infiltration		0.0				0.0
600 minute summer	FC16	17.000	J15	0.2	0.360	0.031	0.0041	
600 minute summer	FC16	Infiltration		0.0				0.0
600 minute summer	FC17	18.000	J16	0.2	0.571	0.016	0.0016	
600 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC18	315	186.600	0.049	0.2	0.0619	0.0000	OK
600 minute summer	FC19	330	186.452	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC20	330	187.000	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC21	330	186.352	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC22	330	186.481	0.031	0.2	0.3042	0.0000	OK
600 minute summer	FC23	315	186.348	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC24	330	186.350	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC25	330	186.600	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC18	19.000	J17	0.2	0.344	0.033	0.0040	
600 minute summer	FC18	Infiltration		0.0				0.0
600 minute summer	FC19	20.000	S3	0.2	0.346	0.034	0.0038	
600 minute summer	FC19	Infiltration		0.0				0.0
600 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
600 minute summer	FC20	Infiltration		0.0				0.0
600 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
600 minute summer	FC21	Infiltration		0.0				0.0
600 minute summer	FC22	23.000	S17	0.1	0.234	0.009	0.0045	
600 minute summer	FC22	Infiltration		0.0				0.0
600 minute summer	FC23	24.000	J20	0.2	0.604	0.015	0.0015	
600 minute summer	FC23	Infiltration		0.0				0.0
600 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
600 minute summer	FC24	Infiltration		0.0				0.0
600 minute summer	FC25	26.000	J22	0.2	0.686	0.013	0.0014	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC26	330	186.481	0.031	0.2	0.3140	0.0000	OK
600 minute summer	FC27	315	186.548	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC28	330	186.550	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC29	330	186.550	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC30	330	186.800	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC31	315	186.498	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC32	315	186.498	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC25	Infiltration		0.0				0.0
600 minute summer	FC26	27.000	J23	0.1	0.549	0.011	0.0012	
600 minute summer	FC26	Infiltration		0.0				0.0
600 minute summer	FC27	28.000	J24	0.2	0.841	0.009	0.0010	
600 minute summer	FC27	Infiltration		0.0				0.0
600 minute summer	FC28	29.000	J25	0.2	0.690	0.012	0.0013	
600 minute summer	FC28	Infiltration		0.0				0.0
600 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
600 minute summer	FC29	Infiltration		0.0				0.0
600 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
600 minute summer	FC30	Infiltration		0.0				0.0
600 minute summer	FC31	33.000	J28	0.2	0.212	0.022	0.0041	
600 minute summer	FC31	Infiltration		0.0				0.0
600 minute summer	FC32	34.000	J29	0.2	0.191	0.015	0.0046	
600 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC33	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC34	330	186.502	0.052	0.2	0.0667	0.0000	OK
600 minute summer	FC35	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC36	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC37	330	185.900	0.100	0.3	0.1350	0.0000	OK
600 minute summer	FC38	330	185.480	0.030	0.2	0.3578	0.0000	OK
600 minute summer	FC39	315	185.498	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC40	330	185.550	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
600 minute summer	FC33	Infiltration		0.0				0.0
600 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
600 minute summer	FC34	Infiltration		0.0				0.0
600 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
600 minute summer	FC35	Infiltration		0.0				0.0
600 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
600 minute summer	FC36	Infiltration		0.0				0.0
600 minute summer	FC37	39.000	J33	0.3	0.518	0.034	0.0038	
600 minute summer	FC37	Infiltration		0.0				0.0
600 minute summer	FC38	40.000	J34	0.1	0.522	0.011	0.0013	
600 minute summer	FC38	Infiltration		0.0				0.0
600 minute summer	FC39	41.000	J35	0.2	0.639	0.013	0.0014	
600 minute summer	FC39	Infiltration		0.0				0.0
600 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC41	330	184.900	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC42	330	184.650	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC43	330	184.650	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC44	315	184.610	0.010	0.2	0.0122	0.0000	OK
600 minute summer	FC45	315	184.648	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC46	330	184.803	0.103	0.3	0.1386	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	184.850	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC40	Infiltration		0.0				0.0
600 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
600 minute summer	FC41	Infiltration		0.0				0.0
600 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
600 minute summer	FC42	Infiltration		0.0				0.0
600 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
600 minute summer	FC43	Infiltration		0.0				0.0
600 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
600 minute summer	FC44	Infiltration		0.0				0.0
600 minute summer	FC45	47.000	S10	0.2	0.597	0.015	0.0015	
600 minute summer	FC45	Infiltration		0.0				0.0
600 minute summer	FC46	48.000	S20	0.3	0.386	0.050	0.0046	
600 minute summer	FC46	Infiltration		0.0				0.0
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
600 minute summer	FC48	50.000	J42	0.2	0.295	0.014	0.0036	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC49	330	184.852	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC50	330	184.852	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC51	330	184.902	0.052	0.2	0.0670	0.0000	OK
600 minute summer	FC52	330	185.300	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC53	330	185.300	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC54	315	185.298	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC55	315	185.298	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC48	Infiltration		0.0				0.0
600 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
600 minute summer	FC49	Infiltration		0.0				0.0
600 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
600 minute summer	FC50	Infiltration		0.0				0.0
600 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
600 minute summer	FC51	Infiltration		0.0				0.0
600 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
600 minute summer	FC52	Infiltration		0.0				0.0
600 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
600 minute summer	FC53	Infiltration		0.0				0.0
600 minute summer	FC54	62.000	J51	0.2	0.520	0.018	0.0015	
600 minute summer	FC54	Infiltration		0.0				0.0
600 minute summer	FC55	64.000	J53	0.2	0.654	0.013	0.0012	
600 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC56	315	185.398	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC57	315	185.398	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC58	315	185.398	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC59	315	185.398	0.048	0.2	0.0604	0.0000	OK
600 minute summer	FC60	330	185.400	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC61	330	185.350	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC62	330	185.351	0.101	0.3	0.1362	0.0000	SURCHARGED
600 minute summer	FC63	315	185.449	0.049	0.2	0.0617	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC56	53.000	J44	0.2	0.672	0.013	0.0019	
600 minute summer	FC56	Infiltration		0.0				0.0
600 minute summer	FC57	54.000	J45	0.2	0.632	0.014	0.0020	
600 minute summer	FC57	Infiltration		0.0				0.0
600 minute summer	FC58	56.000	J46	0.2	0.608	0.015	0.0020	
600 minute summer	FC58	Infiltration		0.0				0.0
600 minute summer	FC59	57.000	J47	0.2	0.565	0.016	0.0022	
600 minute summer	FC59	Infiltration		0.0				0.0
600 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
600 minute summer	FC60	Infiltration		0.0				0.0
600 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
600 minute summer	FC61	Infiltration		0.0				0.0
600 minute summer	FC62	63.000	J52	0.3	0.469	0.039	0.0060	
600 minute summer	FC62	Infiltration		0.0				0.0
600 minute summer	FC63	65.000	S26	0.2	0.264	0.033	0.0018	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC64	315	185.199	0.049	0.2	0.0617	0.0000	OK
600 minute summer	FC65	330	185.200	0.050	0.2	0.0647	0.0000	OK
600 minute summer	FC66	330	185.051	0.051	0.2	0.0658	0.0000	OK
600 minute summer	FC67	330	184.831	0.031	0.2	0.3218	0.0000	OK
600 minute summer	FC68	315	184.598	0.048	0.2	0.0604	0.0000	OK
600 minute summer	J1	315	188.227	0.027	1.2	0.0395	0.0000	OK
600 minute summer	J2	315	188.094	0.038	1.4	0.0435	0.0000	OK
600 minute summer	J3	315	188.087	0.037	1.7	0.0413	0.0000	OK
600 minute summer	J4	315	188.065	0.025	1.9	0.0288	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC63	Infiltration		0.0				0.0
600 minute summer	FC64	66.000	J54	0.2	0.175	0.033	0.0025	
600 minute summer	FC64	Infiltration		0.0				0.0
600 minute summer	FC65	67.000	J55	0.2	0.229	0.021	0.0022	
600 minute summer	FC65	Infiltration		0.0				0.0
600 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
600 minute summer	FC66	Infiltration		0.0				0.0
600 minute summer	FC67	69.000	J56	0.1	0.310	0.024	0.0010	
600 minute summer	FC67	Infiltration		0.0				0.0
600 minute summer	FC68	70.000	J57	0.2	0.454	0.022	0.0010	
600 minute summer	FC68	Infiltration		0.0				0.0
600 minute summer	J1	1.001	J2	1.2	0.731	0.145	0.0082	
600 minute summer	J2	1.002	J3	1.4	0.407	0.104	0.0036	
600 minute summer	J3	1.003	J4	1.7	0.645	0.127	0.0051	
600 minute summer	J4	1.004	J5	1.9	1.000	0.055	0.0067	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J5	315	187.934	0.024	2.1	0.0270	0.0000	OK
600 minute summer	J6	315	187.682	0.032	2.3	0.0363	0.0000	OK
600 minute summer	J7	315	187.566	0.041	2.5	0.0464	0.0000	OK
600 minute summer	J8	315	187.548	0.027	2.6	0.0303	0.0000	OK
600 minute summer	J9	315	187.319	0.044	2.9	0.0494	0.0000	OK
600 minute summer	J10	315	187.295	0.025	3.1	0.0282	0.0000	OK
600 minute summer	J11	315	187.156	0.035	3.4	0.0394	0.0000	OK
600 minute summer	J12	315	186.852	0.043	4.9	0.0490	0.0000	OK
600 minute summer	J13	315	186.697	0.070	5.0	0.0789	0.0000	OK
600 minute summer	J14	315	186.689	0.067	5.2	0.0754	0.0000	OK
600 minute summer	J15	315	186.677	0.060	5.4	0.0681	0.0000	OK
600 minute summer	J16	315	186.650	0.045	5.6	0.0504	0.0000	OK
600 minute summer	J17	315	186.312	0.029	5.8	0.0330	0.0000	OK
600 minute summer	J18	315	186.162	0.037	6.7	0.0414	0.0000	OK
600 minute summer	J19	315	186.100	0.073	6.9	0.0821	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J5	1.005	J6	2.1	0.921	0.054	0.0129	
600 minute summer	J6	1.006	J7	2.3	0.893	0.080	0.0050	
600 minute summer	J7	1.007	J8	2.4	0.659	0.078	0.0043	
600 minute summer	J8	1.008	J9	2.7	0.677	0.030	0.0341	
600 minute summer	J9	1.009	J10	2.8	0.749	0.085	0.0047	
600 minute summer	J10	1.010	J11	3.2	1.016	0.024	0.0077	
600 minute summer	J11	1.011	S2	3.4	0.526	0.052	0.0350	
600 minute summer	J12	1.013	J13	4.9	0.948	0.072	0.0331	
600 minute summer	J13	1.014	J14	5.0	0.416	0.088	0.0228	
600 minute summer	J14	1.015	J15	5.2	0.479	0.092	0.0208	
600 minute summer	J15	1.016	J16	5.4	0.655	0.101	0.0424	
600 minute summer	J16	1.017	J17	5.6	0.920	0.039	0.0204	
600 minute summer	J17	1.018	S3	5.8	0.838	0.019	0.0135	
600 minute summer	J18	1.020	J19	6.7	0.763	0.023	0.0134	
600 minute summer	J19	1.021	S4	6.9	0.583	0.124	0.0518	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J20	315	186.061	0.030	1.0	0.0336	0.0000	OK
600 minute summer	J21	315	186.040	0.031	1.2	0.0353	0.0000	OK
600 minute summer	J22	315	185.998	0.035	1.4	0.0400	0.0000	OK
600 minute summer	J23	315	185.978	0.036	1.6	0.0406	0.0000	OK
600 minute summer	J24	315	185.863	0.046	2.5	0.0521	0.0000	OK
600 minute summer	J25	315	185.845	0.049	2.7	0.0555	0.0000	OK
600 minute summer	J26	315	185.831	0.052	2.9	0.0592	0.0000	OK
600 minute summer	J27	315	185.793	0.057	3.8	0.0641	0.0000	OK
600 minute summer	J28	315	186.381	0.025	0.8	0.0281	0.0000	OK
600 minute summer	J29	315	186.300	0.029	1.0	0.0326	0.0000	OK
600 minute summer	J30	315	186.188	0.041	2.0	0.0467	0.0000	OK
600 minute summer	J31	315	186.086	0.042	2.2	0.0478	0.0000	OK
600 minute summer	J32	315	186.053	0.042	2.4	0.0476	0.0000	OK
600 minute summer	J33	315	185.562	0.027	3.3	0.0310	0.0000	OK
600 minute summer	J34	315	185.177	0.052	4.1	0.0583	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J20	23.002	J21	1.0	0.405	0.077	0.0097	
600 minute summer	J21	23.003	J22	1.2	0.426	0.092	0.0233	
600 minute summer	J22	23.004	J23	1.4	0.448	0.106	0.0115	
600 minute summer	J23	23.005	S18	1.6	0.500	0.117	0.0236	
600 minute summer	J24	23.007	J25	2.5	0.404	0.082	0.0377	
600 minute summer	J25	23.008	J26	2.7	0.399	0.088	0.0332	
600 minute summer	J26	23.009	S19	2.9	0.396	0.093	0.0268	
600 minute summer	J27	23.011	S4	3.8	0.528	0.126	0.0170	
600 minute summer	J28	32.001	J29	0.8	0.470	0.134	0.0149	
600 minute summer	J29	32.002	S12	1.0	0.546	0.167	0.0084	
600 minute summer	J30	32.004	J31	2.0	0.524	0.150	0.0189	
600 minute summer	J31	32.005	J32	2.2	0.426	0.073	0.0500	
600 minute summer	J32	32.006	S13	2.4	0.616	0.079	0.0208	
600 minute summer	J33	32.008	S14	3.3	0.783	0.031	0.0387	
600 minute summer	J34	32.010	J35	4.1	0.790	0.107	0.0475	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J35	315	185.109	0.034	4.3	0.0380	0.0000	OK
600 minute summer	J36	315	184.930	0.055	4.5	0.0622	0.0000	OK
600 minute summer	J37	315	184.558	0.058	5.4	0.0657	0.0000	OK
600 minute summer	J38	315	184.372	0.072	6.3	0.0815	0.0000	OK
600 minute summer	J39	315	184.341	0.067	6.5	0.0760	0.0000	OK
600 minute summer	J40	315	184.320	0.055	6.7	0.0623	0.0000	OK
600 minute summer	J41	330	184.612	0.015	0.3	0.0173	0.0000	OK
600 minute summer	J42	330	184.557	0.020	0.5	0.0226	0.0000	OK
600 minute summer	J43	315	184.415	0.035	1.3	0.0396	0.0000	OK
600 minute summer	J44	315	184.404	0.034	1.5	0.0389	0.0000	OK
600 minute summer	J45	315	184.358	0.038	1.7	0.0435	0.0000	OK
600 minute summer	J46	315	184.271	0.049	2.5	0.0550	0.0000	OK
600 minute summer	J47	315	184.262	0.055	2.7	0.0624	0.0000	OK
600 minute summer	J48	315	184.249	0.055	3.5	0.0625	0.0000	OK
600 minute summer	J49	315	184.233	0.064	3.7	0.0726	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J35	32.011	J36	4.3	0.782	0.048	0.0384	
600 minute summer	J36	32.012	S15	4.5	0.767	0.150	0.0140	
600 minute summer	J37	32.014	S16	5.4	0.861	0.098	0.0336	
600 minute summer	J38	32.016	J39	6.3	0.509	0.117	0.1338	
600 minute summer	J39	32.017	J40	6.5	0.632	0.119	0.0376	
600 minute summer	J40	32.018	S10	6.7	0.786	0.067	0.0815	
600 minute summer	J41	48.002	J42	0.3	0.321	0.050	0.0058	
600 minute summer	J42	48.003	S21	0.5	0.453	0.084	0.0090	
600 minute summer	J43	48.005	J44	1.3	0.427	0.093	0.0049	
600 minute summer	J44	48.006	J45	1.5	0.451	0.111	0.0289	
600 minute summer	J45	48.007	S22	1.7	0.498	0.124	0.0080	
600 minute summer	J46	48.009	J47	2.5	0.358	0.080	0.0291	
600 minute summer	J47	48.010	S23	2.7	0.338	0.088	0.0208	
600 minute summer	J48	48.012	J49	3.5	0.411	0.116	0.0628	
600 minute summer	J49	48.013	J50	3.7	0.404	0.119	0.0103	

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J50	315	184.226	0.061	3.9	0.0694	0.0000	OK
600 minute summer	J51	315	184.214	0.066	4.0	0.0751	0.0000	OK
600 minute summer	J52	315	184.207	0.063	4.3	0.0707	0.0000	OK
600 minute summer	J53	315	184.188	0.061	4.5	0.0689	0.0000	OK
600 minute summer	J54	315	185.157	0.028	0.9	0.0311	0.0000	OK
600 minute summer	J55	315	185.120	0.026	1.1	0.0297	0.0000	OK
600 minute summer	J56	315	184.082	0.075	6.5	0.0847	0.0000	OK
600 minute summer	J57	315	184.062	0.077	6.6	0.0868	0.0000	OK
600 minute summer	BASIN 1	420	185.460	0.535	11.4	55.0988	0.0000	SURCHARGED
600 minute summer	BASIN 2	675	184.836	0.536	2.6	54.0265	0.0000	OK
600 minute summer	BASIN 3	840	182.883	-0.217	8.6	103.7592	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J50	48.014	J51	3.9	0.416	0.129	0.0470	
600 minute summer	J51	48.015	J52	4.0	0.432	0.132	0.0106	
600 minute summer	J52	48.016	J53	4.3	0.492	0.142	0.0430	
600 minute summer	J53	48.017	S24	4.5	0.566	0.150	0.0821	
600 minute summer	J54	65.002	J55	0.9	0.524	0.150	0.0062	
600 minute summer	J55	65.003	S24	1.1	0.676	0.143	0.0126	
600 minute summer	J56	48.019	J57	6.4	0.462	0.119	0.1268	
600 minute summer	J57	48.020	S25	6.6	0.477	0.122	0.0851	
600 minute summer	BASIN 1	1.023	S5	2.5	0.158	0.030	0.9418	
600 minute summer	BASIN 1	Infiltration		0.1				3.8
600 minute summer	BASIN 2	1.027	S7	1.8	0.452	0.022	0.0914	
600 minute summer	BASIN 2	71.000	BH1	0.7	0.411	0.114	0.1829	
600 minute summer	BASIN 2	Infiltration		0.0				0.0
600 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
600 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	BASIN 4	585	183.553	0.223	7.9	64.0319	0.0000	OK
600 minute summer	SWALE 1	420	184.919	0.045	2.5	0.0644	0.0000	OK
600 minute summer	SWALE 2	675	184.415	0.040	1.8	0.0574	0.0000	OK
600 minute summer	SWALE 3	315	184.058	0.063	7.6	0.0900	0.0000	OK
600 minute summer	BH1	675	184.836	0.759	0.7	3.0023	0.0000	OK
600 minute summer	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
600 minute summer	BH3	585	183.553	0.234	0.6	2.6985	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	BASIN 4	48.022	BH3	0.6	0.263	0.011	0.2626	
600 minute summer	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	2.5	0.343	0.030	0.2743	
600 minute summer	SWALE 2	1.029	S8	1.8	0.422	0.022	0.1151	
600 minute summer	SWALE 3	1.033	BASIN 3	7.6	0.637	0.061	0.5140	
600 minute summer	BH1	Infiltration		0.1				4.0
600 minute summer	BH2	Infiltration		0.0				0.0
600 minute summer	BH3	Infiltration		0.2				6.9

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	270	188.383	0.013	0.3	0.0188	0.0000	OK
600 minute winter	S2	330	187.092	0.053	3.3	0.0918	0.0000	OK
600 minute winter	S3	330	186.191	0.054	4.6	0.0718	0.0000	OK
600 minute winter	S4	450	185.470	0.092	8.1	0.1180	0.0000	OK
600 minute winter	S5	450	185.470	0.560	2.5	0.8015	0.0000	SURCHARGED
600 minute winter	S6	450	184.852	0.044	2.5	0.0626	0.0000	OK
600 minute winter	S7	660	184.781	0.022	2.0	0.0311	0.0000	OK
600 minute winter	S8	660	184.353	0.023	2.0	0.0334	0.0000	OK
600 minute winter	S9	660	184.162	0.037	2.0	0.0529	0.0000	OK
600 minute winter	S10	330	184.148	0.035	5.6	0.0628	0.0000	OK
600 minute winter	S11	285	186.418	0.018	0.4	0.0282	0.0000	OK
600 minute winter	S12	330	186.208	0.032	1.2	0.0468	0.0000	OK
600 minute winter	S13	330	186.017	0.024	2.2	0.0354	0.0000	OK
600 minute winter	S14	330	185.214	0.039	2.9	0.0609	0.0000	OK
600 minute winter	S15	330	184.899	0.032	3.8	0.0504	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0075	
600 minute winter	S2	1.012	J12	3.3	0.510	0.110	0.0097	
600 minute winter	S3	1.019	J18	4.6	0.770	0.086	0.0312	
600 minute winter	S4	1.022	BASIN 1	8.1	0.909	0.048	0.7420	
600 minute winter	S5	1.024	SWALE 1	2.5	0.337	0.030	0.1517	
600 minute winter	S6	1.026	BASIN 2	2.5	0.412	0.029	0.0374	
600 minute winter	S7	1.028	SWALE 2	2.0	0.452	0.007	0.0762	
600 minute winter	S8	1.030	S9	2.0	0.484	0.008	0.0504	
600 minute winter	S9	1.031	S10	2.0	0.514	0.024	0.0267	
600 minute winter	S10	1.032	SWALE 3	5.6	0.767	0.017	0.0323	
600 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
600 minute winter	S12	32.003	J30	1.2	0.419	0.090	0.0146	
600 minute winter	S13	32.007	J33	2.2	0.997	0.022	0.0287	
600 minute winter	S14	32.009	J34	2.9	0.580	0.057	0.0262	
600 minute winter	S15	32.013	J37	3.8	1.125	0.041	0.0315	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	330	184.512	0.025	4.5	0.0380	0.0000	OK
600 minute winter	S17	315	186.172	0.022	0.6	0.0350	0.0000	OK
600 minute winter	S18	315	185.864	0.040	1.7	0.0588	0.0000	OK
600 minute winter	S19	315	185.813	0.047	2.7	0.0680	0.0000	OK
600 minute winter	S20	360	184.655	0.013	0.2	0.0145	0.0000	OK
600 minute winter	S21	330	184.436	0.027	0.9	0.0357	0.0000	OK
600 minute winter	S22	330	184.272	0.041	1.8	0.0532	0.0000	OK
600 minute winter	S23	330	184.249	0.051	2.5	0.0654	0.0000	OK
600 minute winter	S24	315	184.084	0.067	4.9	0.0883	0.0000	OK
600 minute winter	S25	315	184.035	0.065	5.5	0.0904	0.0000	OK
600 minute winter	S26	315	185.392	0.015	0.5	0.0221	0.0000	OK
600 minute winter	FC1	330	188.301	0.051	0.2	0.0664	0.0000	OK
600 minute winter	FC2	330	188.202	0.052	0.2	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S16	32.015	J38	4.5	0.716	0.014	0.0153	
600 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0089	
600 minute winter	S18	23.006	J24	1.7	0.365	0.053	0.0085	
600 minute winter	S19	23.010	J27	2.7	0.432	0.090	0.0555	
600 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
600 minute winter	S21	48.004	J43	0.9	0.371	0.067	0.0124	
600 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0121	
600 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0072	
600 minute winter	S24	48.018	J56	4.9	0.425	0.091	0.0487	
600 minute winter	S25	48.021	BASIN 4	5.5	0.544	0.103	0.0388	
600 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
600 minute winter	FC1	2.000	J1	0.2	0.226	0.032	0.0043	
600 minute winter	FC1	Infiltration		0.0				0.0
600 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
600 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC3	360	188.252	0.052	0.2	0.0697	0.0000	OK
600 minute winter	FC4	300	188.222	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC5	330	188.052	0.052	0.2	0.0671	0.0000	OK
600 minute winter	FC6	300	187.872	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC7	300	187.772	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC8	330	187.800	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC9	345	187.492	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC10	360	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
600 minute winter	FC3	Infiltration		0.0				0.0
600 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
600 minute winter	FC4	Infiltration		0.0				0.0
600 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
600 minute winter	FC5	Infiltration		0.0				0.0
600 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
600 minute winter	FC6	Infiltration		0.0				0.0
600 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
600 minute winter	FC7	Infiltration		0.0				0.0
600 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
600 minute winter	FC8	Infiltration		0.0				0.0
600 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
600 minute winter	FC9	Infiltration		0.0				0.0
600 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC11	330	187.372	0.052	0.2	0.0669	0.0000	OK
600 minute winter	FC12	330	187.282	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC13	330	187.052	0.052	0.2	0.0669	0.0000	OK
600 minute winter	FC14	330	186.937	0.037	0.2	0.4670	0.0000	OK
600 minute winter	FC15	270	187.222	0.022	0.1	0.0274	0.0000	OK
600 minute winter	FC16	330	186.922	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC17	255	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC10	Infiltration		0.0				0.0
600 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
600 minute winter	FC11	Infiltration		0.0				0.0
600 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
600 minute winter	FC12	Infiltration		0.0				0.0
600 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
600 minute winter	FC13	Infiltration		0.0				0.0
600 minute winter	FC14	15.000	J13	0.2	0.326	0.027	0.0037	
600 minute winter	FC14	Infiltration		0.0				0.0
600 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
600 minute winter	FC15	Infiltration		0.0				0.0
600 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
600 minute winter	FC16	Infiltration		0.0				0.0
600 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
600 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC18	405	186.572	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC19	330	186.452	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC20	330	187.000	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC21	330	186.352	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC22	405	186.472	0.022	0.1	0.2128	0.0000	OK
600 minute winter	FC23	255	186.322	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC24	330	186.350	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC25	330	186.600	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
600 minute winter	FC18	Infiltration		0.0				0.0
600 minute winter	FC19	20.000	S3	0.2	0.346	0.034	0.0038	
600 minute winter	FC19	Infiltration		0.0				0.0
600 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
600 minute winter	FC20	Infiltration		0.0				0.0
600 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
600 minute winter	FC21	Infiltration		0.0				0.0
600 minute winter	FC22	23.000	S17	0.1	0.221	0.007	0.0035	
600 minute winter	FC22	Infiltration		0.0				0.0
600 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
600 minute winter	FC23	Infiltration		0.0				0.0
600 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
600 minute winter	FC24	Infiltration		0.0				0.0
600 minute winter	FC25	26.000	J22	0.2	0.686	0.013	0.0014	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC26	360	186.472	0.022	0.1	0.2216	0.0000	OK
600 minute winter	FC27	285	186.522	0.022	0.1	0.0273	0.0000	OK
600 minute winter	FC28	330	186.550	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC29	330	186.550	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC30	330	186.800	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC31	285	186.472	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC32	285	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC25	Infiltration		0.0				0.0
600 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
600 minute winter	FC26	Infiltration		0.0				0.0
600 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
600 minute winter	FC27	Infiltration		0.0				0.0
600 minute winter	FC28	29.000	J25	0.2	0.690	0.012	0.0013	
600 minute winter	FC28	Infiltration		0.0				0.0
600 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
600 minute winter	FC29	Infiltration		0.0				0.0
600 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
600 minute winter	FC30	Infiltration		0.0				0.0
600 minute winter	FC31	33.000	J28	0.1	0.200	0.011	0.0029	
600 minute winter	FC31	Infiltration		0.0				0.0
600 minute winter	FC32	34.000	J29	0.1	0.179	0.008	0.0031	
600 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC33	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC34	330	186.502	0.052	0.2	0.0667	0.0000	OK
600 minute winter	FC35	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC36	330	186.500	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC37	360	185.850	0.050	0.2	0.0678	0.0000	OK
600 minute winter	FC38	405	185.472	0.022	0.1	0.2638	0.0000	OK
600 minute winter	FC39	270	185.472	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC40	330	185.550	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
600 minute winter	FC33	Infiltration		0.0				0.0
600 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
600 minute winter	FC34	Infiltration		0.0				0.0
600 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
600 minute winter	FC35	Infiltration		0.0				0.0
600 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
600 minute winter	FC36	Infiltration		0.0				0.0
600 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
600 minute winter	FC37	Infiltration		0.0				0.0
600 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
600 minute winter	FC38	Infiltration		0.0				0.0
600 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
600 minute winter	FC39	Infiltration		0.0				0.0
600 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC41	330	184.900	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC42	330	184.650	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC43	330	184.650	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC44	225	184.607	0.007	0.1	0.0088	0.0000	OK
600 minute winter	FC45	315	184.622	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC46	360	184.752	0.052	0.2	0.0702	0.0000	OK
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	330	184.850	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC40	Infiltration		0.0				0.0
600 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
600 minute winter	FC41	Infiltration		0.0				0.0
600 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
600 minute winter	FC42	Infiltration		0.0				0.0
600 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
600 minute winter	FC43	Infiltration		0.0				0.0
600 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
600 minute winter	FC44	Infiltration		0.0				0.0
600 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
600 minute winter	FC45	Infiltration		0.0				0.0
600 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
600 minute winter	FC46	Infiltration		0.0				0.0
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
600 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC49	330	184.852	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC50	330	184.852	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC51	330	184.902	0.052	0.2	0.0670	0.0000	OK
600 minute winter	FC52	330	185.300	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC53	330	185.300	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC54	390	185.272	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC55	240	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC48	Infiltration		0.0				0.0
600 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
600 minute winter	FC49	Infiltration		0.0				0.0
600 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
600 minute winter	FC50	Infiltration		0.0				0.0
600 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
600 minute winter	FC51	Infiltration		0.0				0.0
600 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
600 minute winter	FC52	Infiltration		0.0				0.0
600 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
600 minute winter	FC53	Infiltration		0.0				0.0
600 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
600 minute winter	FC54	Infiltration		0.0				0.0
600 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
600 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC56	270	185.372	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC57	270	185.372	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC58	270	185.372	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC59	405	185.372	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC60	330	185.400	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC61	330	185.350	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC62	360	185.301	0.050	0.2	0.0682	0.0000	OK
600 minute winter	FC63	330	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
600 minute winter	FC56	Infiltration		0.0				0.0
600 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
600 minute winter	FC57	Infiltration		0.0				0.0
600 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
600 minute winter	FC58	Infiltration		0.0				0.0
600 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
600 minute winter	FC59	Infiltration		0.0				0.0
600 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
600 minute winter	FC60	Infiltration		0.0				0.0
600 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
600 minute winter	FC61	Infiltration		0.0				0.0
600 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
600 minute winter	FC62	Infiltration		0.0				0.0
600 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC64	300	185.172	0.022	0.1	0.0275	0.0000	OK
600 minute winter	FC65	330	185.200	0.050	0.2	0.0647	0.0000	OK
600 minute winter	FC66	330	185.051	0.051	0.2	0.0658	0.0000	OK
600 minute winter	FC67	360	184.822	0.022	0.1	0.2262	0.0000	OK
600 minute winter	FC68	330	184.572	0.022	0.1	0.0275	0.0000	OK
600 minute winter	J1	330	188.222	0.022	0.8	0.0320	0.0000	OK
600 minute winter	J2	330	188.088	0.032	1.0	0.0362	0.0000	OK
600 minute winter	J3	330	188.081	0.031	1.2	0.0348	0.0000	OK
600 minute winter	J4	330	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC63	Infiltration		0.0				0.0
600 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
600 minute winter	FC64	Infiltration		0.0				0.0
600 minute winter	FC65	67.000	J55	0.2	0.275	0.021	0.0019	
600 minute winter	FC65	Infiltration		0.0				0.0
600 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
600 minute winter	FC66	Infiltration		0.0				0.0
600 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
600 minute winter	FC67	Infiltration		0.0				0.0
600 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
600 minute winter	FC68	Infiltration		0.0				0.0
600 minute winter	J1	1.001	J2	0.8	0.654	0.096	0.0061	
600 minute winter	J2	1.002	J3	1.0	0.374	0.074	0.0028	
600 minute winter	J3	1.003	J4	1.2	0.594	0.090	0.0040	
600 minute winter	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J5	330	187.930	0.020	1.5	0.0230	0.0000	OK
600 minute winter	J6	330	187.677	0.027	1.6	0.0300	0.0000	OK
600 minute winter	J7	330	187.558	0.033	1.7	0.0376	0.0000	OK
600 minute winter	J8	330	187.544	0.023	1.9	0.0257	0.0000	OK
600 minute winter	J9	330	187.312	0.037	2.0	0.0415	0.0000	OK
600 minute winter	J10	330	187.291	0.021	2.2	0.0233	0.0000	OK
600 minute winter	J11	330	187.151	0.030	2.4	0.0335	0.0000	OK
600 minute winter	J12	330	186.846	0.037	3.5	0.0414	0.0000	OK
600 minute winter	J13	330	186.686	0.059	3.7	0.0667	0.0000	OK
600 minute winter	J14	330	186.679	0.057	3.8	0.0640	0.0000	OK
600 minute winter	J15	330	186.668	0.051	3.9	0.0580	0.0000	OK
600 minute winter	J16	330	186.642	0.037	4.0	0.0421	0.0000	OK
600 minute winter	J17	330	186.307	0.024	4.1	0.0272	0.0000	OK
600 minute winter	J18	330	186.155	0.029	4.8	0.0333	0.0000	OK
600 minute winter	J19	330	186.089	0.062	5.0	0.0699	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J5	1.005	J6	1.5	0.856	0.039	0.0100	
600 minute winter	J6	1.006	J7	1.6	0.814	0.056	0.0039	
600 minute winter	J7	1.007	J8	1.7	0.600	0.055	0.0032	
600 minute winter	J8	1.008	J9	1.9	0.616	0.021	0.0266	
600 minute winter	J9	1.009	J10	2.0	0.694	0.060	0.0036	
600 minute winter	J10	1.010	J11	2.2	0.915	0.017	0.0059	
600 minute winter	J11	1.011	S2	2.4	0.481	0.037	0.0274	
600 minute winter	J12	1.013	J13	3.5	0.867	0.052	0.0261	
600 minute winter	J13	1.014	J14	3.7	0.386	0.065	0.0180	
600 minute winter	J14	1.015	J15	3.8	0.438	0.067	0.0165	
600 minute winter	J15	1.016	J16	3.9	0.598	0.072	0.0333	
600 minute winter	J16	1.017	J17	4.0	0.839	0.028	0.0159	
600 minute winter	J17	1.018	S3	4.1	0.757	0.013	0.0106	
600 minute winter	J18	1.020	J19	4.8	0.706	0.017	0.0104	
600 minute winter	J19	1.021	S4	5.0	0.530	0.090	0.0412	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	315	186.055	0.024	0.7	0.0273	0.0000	OK
600 minute winter	J21	315	186.035	0.026	0.9	0.0298	0.0000	OK
600 minute winter	J22	315	185.994	0.031	1.1	0.0347	0.0000	OK
600 minute winter	J23	315	185.973	0.031	1.2	0.0352	0.0000	OK
600 minute winter	J24	315	185.856	0.039	1.8	0.0440	0.0000	OK
600 minute winter	J25	315	185.838	0.042	2.0	0.0473	0.0000	OK
600 minute winter	J26	315	185.824	0.045	2.2	0.0509	0.0000	OK
600 minute winter	J27	315	185.785	0.049	2.9	0.0559	0.0000	OK
600 minute winter	J28	345	186.376	0.020	0.5	0.0222	0.0000	OK
600 minute winter	J29	285	186.293	0.022	0.6	0.0251	0.0000	OK
600 minute winter	J30	330	186.181	0.034	1.4	0.0389	0.0000	OK
600 minute winter	J31	330	186.080	0.036	1.6	0.0407	0.0000	OK
600 minute winter	J32	330	186.048	0.037	1.8	0.0417	0.0000	OK
600 minute winter	J33	330	185.559	0.024	2.4	0.0267	0.0000	OK
600 minute winter	J34	330	185.169	0.044	3.0	0.0499	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	0.7	0.358	0.052	0.0074	
600 minute winter	J21	23.003	J22	0.9	0.386	0.067	0.0186	
600 minute winter	J22	23.004	J23	1.1	0.420	0.081	0.0094	
600 minute winter	J23	23.005	S18	1.2	0.463	0.089	0.0194	
600 minute winter	J24	23.007	J25	1.8	0.373	0.060	0.0298	
600 minute winter	J25	23.008	J26	2.0	0.373	0.066	0.0266	
600 minute winter	J26	23.009	S19	2.2	0.376	0.072	0.0216	
600 minute winter	J27	23.011	S4	2.9	0.494	0.097	0.0140	
600 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
600 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
600 minute winter	J30	32.004	J31	1.4	0.476	0.106	0.0146	
600 minute winter	J31	32.005	J32	1.6	0.385	0.053	0.0405	
600 minute winter	J32	32.006	S13	1.8	0.568	0.060	0.0170	
600 minute winter	J33	32.008	S14	2.4	0.725	0.023	0.0306	
600 minute winter	J34	32.010	J35	3.0	0.722	0.078	0.0380	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J35	330	185.104	0.029	3.1	0.0324	0.0000	OK
600 minute winter	J36	330	184.922	0.047	3.3	0.0535	0.0000	OK
600 minute winter	J37	330	184.551	0.051	4.0	0.0572	0.0000	OK
600 minute winter	J38	330	184.362	0.062	4.7	0.0702	0.0000	OK
600 minute winter	J39	330	184.332	0.058	4.9	0.0659	0.0000	OK
600 minute winter	J40	330	184.312	0.047	5.0	0.0536	0.0000	OK
600 minute winter	J41	360	184.610	0.013	0.2	0.0143	0.0000	OK
600 minute winter	J42	330	184.555	0.018	0.4	0.0203	0.0000	OK
600 minute winter	J43	330	184.412	0.032	1.1	0.0360	0.0000	OK
600 minute winter	J44	330	184.401	0.031	1.2	0.0349	0.0000	OK
600 minute winter	J45	330	184.354	0.034	1.3	0.0380	0.0000	OK
600 minute winter	J46	330	184.264	0.041	1.9	0.0469	0.0000	OK
600 minute winter	J47	330	184.254	0.047	2.0	0.0530	0.0000	OK
600 minute winter	J48	330	184.242	0.048	2.7	0.0541	0.0000	OK
600 minute winter	J49	330	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J35	32.011	J36	3.1	0.702	0.035	0.0309	
600 minute winter	J36	32.012	S15	3.3	0.702	0.110	0.0113	
600 minute winter	J37	32.014	S16	4.0	0.781	0.072	0.0275	
600 minute winter	J38	32.016	J39	4.7	0.468	0.087	0.1086	
600 minute winter	J39	32.017	J40	4.9	0.588	0.089	0.0305	
600 minute winter	J40	32.018	S10	5.0	0.725	0.050	0.0660	
600 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0047	
600 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0077	
600 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0043	
600 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.0243	
600 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0067	
600 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.0231	
600 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.0167	
600 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.0518	
600 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J50	330	184.219	0.054	3.1	0.0610	0.0000	OK
600 minute winter	J51	330	184.206	0.058	3.2	0.0658	0.0000	OK
600 minute winter	J52	330	184.199	0.055	3.4	0.0619	0.0000	OK
600 minute winter	J53	330	184.180	0.053	3.5	0.0604	0.0000	OK
600 minute winter	J54	315	185.151	0.022	0.6	0.0253	0.0000	OK
600 minute winter	J55	315	185.116	0.022	0.8	0.0254	0.0000	OK
600 minute winter	J56	315	184.072	0.065	5.0	0.0735	0.0000	OK
600 minute winter	J57	315	184.052	0.067	5.1	0.0753	0.0000	OK
600 minute winter	BASIN 1	450	185.470	0.545	8.3	56.3987	0.0000	SURCHARGED
600 minute winter	BASIN 2	660	184.837	0.537	2.6	54.1953	0.0000	OK
600 minute winter	BASIN 3	840	182.897	-0.203	6.3	109.0458	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.0391	
600 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0088	
600 minute winter	J52	48.016	J53	3.4	0.465	0.111	0.0357	
600 minute winter	J53	48.017	S24	3.5	0.527	0.116	0.0681	
600 minute winter	J54	65.002	J55	0.6	0.459	0.101	0.0048	
600 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
600 minute winter	J56	48.019	J57	5.0	0.437	0.092	0.1037	
600 minute winter	J57	48.020	S25	5.1	0.444	0.093	0.0701	
600 minute winter	BASIN 1	1.023	S5	2.5	0.108	0.030	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.0
600 minute winter	BASIN 2	1.027	S7	2.0	0.464	0.024	0.0964	
600 minute winter	BASIN 2	71.000	BH1	0.7	0.491	0.119	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
600 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
600 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	BASIN 4	585	183.568	0.238	6.1	68.4268	0.0000	OK
600 minute winter	SWALE 1	450	184.919	0.045	2.5	0.0647	0.0000	OK
600 minute winter	SWALE 2	660	184.417	0.041	2.0	0.0594	0.0000	OK
600 minute winter	SWALE 3	330	184.049	0.054	5.6	0.0776	0.0000	OK
600 minute winter	BH1	660	184.837	0.760	0.7	3.0065	0.0000	OK
600 minute winter	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
600 minute winter	BH3	585	183.568	0.249	0.6	2.7678	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	BASIN 4	48.022	BH3	0.6	0.274	0.011	0.2792	
600 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute winter	SWALE 1	1.025	S6	2.5	0.344	0.030	0.2761	
600 minute winter	SWALE 2	1.029	S8	2.0	0.436	0.024	0.1209	
600 minute winter	SWALE 3	1.033	BASIN 3	5.6	0.585	0.045	0.4129	
600 minute winter	BH1	Infiltration		0.1				4.0
600 minute winter	BH2	Infiltration		0.0				0.0
600 minute winter	BH3	Infiltration		0.2				7.1

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	360	188.385	0.015	0.4	0.0215	0.0000	OK
720 minute summer	S2	375	187.100	0.061	4.3	0.1057	0.0000	OK
720 minute summer	S3	375	186.199	0.062	6.0	0.0818	0.0000	OK
720 minute summer	S4	495	185.462	0.084	10.3	0.1081	0.0000	OK
720 minute summer	S5	495	185.462	0.552	2.5	0.7904	0.0000	SURCHARGED
720 minute summer	S6	495	184.852	0.044	2.5	0.0624	0.0000	OK
720 minute summer	S7	735	184.780	0.021	1.9	0.0307	0.0000	OK
720 minute summer	S8	735	184.353	0.023	1.9	0.0330	0.0000	OK
720 minute summer	S9	720	184.162	0.037	1.9	0.0525	0.0000	OK
720 minute summer	S10	375	184.154	0.041	7.6	0.0742	0.0000	OK
720 minute summer	S11	375	186.422	0.022	0.6	0.0346	0.0000	OK
720 minute summer	S12	375	186.215	0.039	1.8	0.0581	0.0000	OK
720 minute summer	S13	375	186.020	0.027	3.0	0.0410	0.0000	OK
720 minute summer	S14	375	185.221	0.046	4.0	0.0721	0.0000	OK
720 minute summer	S15	375	184.905	0.038	5.2	0.0590	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S1	1.000	J1	0.4	0.380	0.046	0.0090	
720 minute summer	S2	1.012	J12	4.3	0.548	0.145	0.0118	
720 minute summer	S3	1.019	J18	6.0	0.826	0.113	0.0384	
720 minute summer	S4	1.022	BASIN 1	10.3	0.919	0.061	0.7245	
720 minute summer	S5	1.024	SWALE 1	2.5	0.336	0.030	0.1509	
720 minute summer	S6	1.026	BASIN 2	2.5	0.411	0.029	0.0366	
720 minute summer	S7	1.028	SWALE 2	1.9	0.447	0.006	0.0749	
720 minute summer	S8	1.030	S9	1.9	0.479	0.007	0.0496	
720 minute summer	S9	1.031	S10	1.9	0.505	0.023	0.0343	
720 minute summer	S10	1.032	SWALE 3	7.6	0.827	0.023	0.0405	
720 minute summer	S11	32.000	J28	0.6	0.436	0.101	0.0063	
720 minute summer	S12	32.003	J30	1.8	0.470	0.134	0.0193	
720 minute summer	S13	32.007	J33	3.0	1.090	0.030	0.0356	
720 minute summer	S14	32.009	J34	4.0	0.630	0.078	0.0330	
720 minute summer	S15	32.013	J37	5.2	1.229	0.056	0.0394	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.516	0.029	6.1	0.0438	0.0000	OK
720 minute summer	S17	375	186.175	0.025	0.7	0.0391	0.0000	OK
720 minute summer	S18	375	185.869	0.045	2.1	0.0661	0.0000	OK
720 minute summer	S19	375	185.818	0.052	3.3	0.0753	0.0000	OK
720 minute summer	S20	375	184.657	0.015	0.3	0.0172	0.0000	OK
720 minute summer	S21	375	184.439	0.030	1.1	0.0394	0.0000	OK
720 minute summer	S22	375	184.278	0.047	2.3	0.0611	0.0000	OK
720 minute summer	S23	375	184.257	0.059	3.2	0.0754	0.0000	OK
720 minute summer	S24	375	184.094	0.077	6.3	0.1014	0.0000	OK
720 minute summer	S25	375	184.044	0.074	7.1	0.1029	0.0000	OK
720 minute summer	S26	375	185.395	0.018	0.7	0.0260	0.0000	OK
720 minute summer	FC1	390	188.301	0.051	0.2	0.0664	0.0000	OK
720 minute summer	FC2	390	188.202	0.052	0.2	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S16	32.015	J38	6.1	0.783	0.019	0.0189	
720 minute summer	S17	23.001	J20	0.7	0.508	0.125	0.0104	
720 minute summer	S18	23.006	J24	2.1	0.375	0.065	0.0101	
720 minute summer	S19	23.010	J27	3.3	0.455	0.109	0.0637	
720 minute summer	S20	48.001	J41	0.3	0.385	0.047	0.0034	
720 minute summer	S21	48.004	J43	1.1	0.389	0.081	0.0141	
720 minute summer	S22	48.008	J46	2.3	0.368	0.072	0.0149	
720 minute summer	S23	48.011	J48	3.2	0.413	0.105	0.0088	
720 minute summer	S24	48.018	J56	6.3	0.449	0.117	0.0593	
720 minute summer	S25	48.021	BASIN 4	7.1	0.585	0.133	0.0468	
720 minute summer	S26	65.001	J54	0.7	0.526	0.067	0.0114	
720 minute summer	FC1	2.000	J1	0.2	0.212	0.032	0.0048	
720 minute summer	FC1	Infiltration		0.0				0.0
720 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
720 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC3	375	188.294	0.094	0.3	0.1264	0.0000	OK
720 minute summer	FC4	375	188.248	0.048	0.2	0.0606	0.0000	OK
720 minute summer	FC5	390	188.052	0.052	0.2	0.0671	0.0000	OK
720 minute summer	FC6	375	187.898	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC7	375	187.799	0.049	0.2	0.0608	0.0000	OK
720 minute summer	FC8	390	187.800	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC9	375	187.519	0.049	0.2	0.0619	0.0000	OK
720 minute summer	FC10	375	187.563	0.093	0.3	0.1260	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC3	4.000	J3	0.3	0.401	0.045	0.0066	
720 minute summer	FC3	Infiltration		0.0				0.0
720 minute summer	FC4	5.000	J4	0.2	0.404	0.026	0.0035	
720 minute summer	FC4	Infiltration		0.0				0.0
720 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
720 minute summer	FC5	Infiltration		0.0				0.0
720 minute summer	FC6	7.000	J6	0.2	0.450	0.022	0.0032	
720 minute summer	FC6	Infiltration		0.0				0.0
720 minute summer	FC7	8.000	J7	0.2	0.391	0.027	0.0036	
720 minute summer	FC7	Infiltration		0.0				0.0
720 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
720 minute summer	FC8	Infiltration		0.0				0.0
720 minute summer	FC9	10.000	J9	0.2	0.345	0.033	0.0041	
720 minute summer	FC9	Infiltration		0.0				0.0
720 minute summer	FC10	11.000	J10	0.3	0.416	0.043	0.0042	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC11	390	187.372	0.052	0.2	0.0669	0.0000	OK
720 minute summer	FC12	390	187.282	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC13	390	187.052	0.052	0.2	0.0669	0.0000	OK
720 minute summer	FC14	390	186.936	0.036	0.2	0.4642	0.0000	OK
720 minute summer	FC15	375	187.248	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC16	375	186.949	0.049	0.2	0.0615	0.0000	OK
720 minute summer	FC17	375	187.048	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC10	Infiltration		0.0				0.0
720 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
720 minute summer	FC11	Infiltration		0.0				0.0
720 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
720 minute summer	FC12	Infiltration		0.0				0.0
720 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
720 minute summer	FC13	Infiltration		0.0				0.0
720 minute summer	FC14	15.000	J13	0.2	0.326	0.027	0.0037	
720 minute summer	FC14	Infiltration		0.0				0.0
720 minute summer	FC15	16.000	J14	0.2	0.724	0.011	0.0013	
720 minute summer	FC15	Infiltration		0.0				0.0
720 minute summer	FC16	17.000	J15	0.2	0.360	0.031	0.0041	
720 minute summer	FC16	Infiltration		0.0				0.0
720 minute summer	FC17	18.000	J16	0.2	0.571	0.016	0.0016	
720 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC18	375	186.600	0.049	0.2	0.0619	0.0000	OK
720 minute summer	FC19	390	186.452	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC20	390	187.000	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC21	390	186.352	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC22	390	186.481	0.031	0.2	0.3042	0.0000	OK
720 minute summer	FC23	375	186.348	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC24	390	186.350	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC25	390	186.600	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC18	19.000	J17	0.2	0.344	0.033	0.0040	
720 minute summer	FC18	Infiltration		0.0				0.0
720 minute summer	FC19	20.000	S3	0.2	0.346	0.034	0.0038	
720 minute summer	FC19	Infiltration		0.0				0.0
720 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
720 minute summer	FC20	Infiltration		0.0				0.0
720 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
720 minute summer	FC21	Infiltration		0.0				0.0
720 minute summer	FC22	23.000	S17	0.1	0.234	0.009	0.0041	
720 minute summer	FC22	Infiltration		0.0				0.0
720 minute summer	FC23	24.000	J20	0.2	0.604	0.015	0.0015	
720 minute summer	FC23	Infiltration		0.0				0.0
720 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
720 minute summer	FC24	Infiltration		0.0				0.0
720 minute summer	FC25	26.000	J22	0.2	0.686	0.013	0.0014	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC26	390	186.481	0.031	0.2	0.3140	0.0000	OK
720 minute summer	FC27	375	186.548	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC28	390	186.550	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC29	390	186.550	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC30	390	186.800	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC31	375	186.498	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC32	375	186.498	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC25	Infiltration		0.0				0.0
720 minute summer	FC26	27.000	J23	0.1	0.549	0.011	0.0012	
720 minute summer	FC26	Infiltration		0.0				0.0
720 minute summer	FC27	28.000	J24	0.2	0.841	0.009	0.0010	
720 minute summer	FC27	Infiltration		0.0				0.0
720 minute summer	FC28	29.000	J25	0.2	0.690	0.012	0.0013	
720 minute summer	FC28	Infiltration		0.0				0.0
720 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
720 minute summer	FC29	Infiltration		0.0				0.0
720 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
720 minute summer	FC30	Infiltration		0.0				0.0
720 minute summer	FC31	33.000	J28	0.2	0.212	0.022	0.0041	
720 minute summer	FC31	Infiltration		0.0				0.0
720 minute summer	FC32	34.000	J29	0.2	0.191	0.015	0.0046	
720 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC33	390	186.500	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC34	390	186.502	0.052	0.2	0.0667	0.0000	OK
720 minute summer	FC35	390	186.500	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC36	390	186.500	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC37	375	185.892	0.092	0.3	0.1237	0.0000	OK
720 minute summer	FC38	390	185.480	0.030	0.2	0.3578	0.0000	OK
720 minute summer	FC39	375	185.498	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC40	390	185.550	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
720 minute summer	FC33	Infiltration		0.0				0.0
720 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
720 minute summer	FC34	Infiltration		0.0				0.0
720 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
720 minute summer	FC35	Infiltration		0.0				0.0
720 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
720 minute summer	FC36	Infiltration		0.0				0.0
720 minute summer	FC37	39.000	J33	0.3	0.510	0.032	0.0037	
720 minute summer	FC37	Infiltration		0.0				0.0
720 minute summer	FC38	40.000	J34	0.1	0.522	0.011	0.0013	
720 minute summer	FC38	Infiltration		0.0				0.0
720 minute summer	FC39	41.000	J35	0.2	0.639	0.013	0.0014	
720 minute summer	FC39	Infiltration		0.0				0.0
720 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC41	390	184.900	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC42	390	184.650	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC43	390	184.650	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC44	375	184.610	0.010	0.2	0.0122	0.0000	OK
720 minute summer	FC45	375	184.648	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC46	375	184.794	0.094	0.3	0.1270	0.0000	OK
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	390	184.850	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC40	Infiltration		0.0				0.0
720 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
720 minute summer	FC41	Infiltration		0.0				0.0
720 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
720 minute summer	FC42	Infiltration		0.0				0.0
720 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
720 minute summer	FC43	Infiltration		0.0				0.0
720 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
720 minute summer	FC44	Infiltration		0.0				0.0
720 minute summer	FC45	47.000	S10	0.2	0.597	0.015	0.0015	
720 minute summer	FC45	Infiltration		0.0				0.0
720 minute summer	FC46	48.000	S20	0.3	0.381	0.048	0.0045	
720 minute summer	FC46	Infiltration		0.0				0.0
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0019	
720 minute summer	FC48	50.000	J42	0.2	0.311	0.014	0.0035	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC49	390	184.852	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC50	390	184.852	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC51	390	184.902	0.052	0.2	0.0670	0.0000	OK
720 minute summer	FC52	390	185.300	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC53	390	185.300	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC54	375	185.298	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC55	375	185.298	0.048	0.2	0.0604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC48	Infiltration		0.0				0.0
720 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
720 minute summer	FC49	Infiltration		0.0				0.0
720 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
720 minute summer	FC50	Infiltration		0.0				0.0
720 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
720 minute summer	FC51	Infiltration		0.0				0.0
720 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
720 minute summer	FC52	Infiltration		0.0				0.0
720 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
720 minute summer	FC53	Infiltration		0.0				0.0
720 minute summer	FC54	62.000	J51	0.2	0.520	0.018	0.0015	
720 minute summer	FC54	Infiltration		0.0				0.0
720 minute summer	FC55	64.000	J53	0.2	0.654	0.013	0.0012	
720 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC56	375	185.398	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC57	375	185.398	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC58	375	185.398	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC59	375	185.398	0.048	0.2	0.0604	0.0000	OK
720 minute summer	FC60	390	185.400	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC61	390	185.350	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC62	375	185.342	0.092	0.3	0.1247	0.0000	OK
720 minute summer	FC63	375	185.449	0.049	0.2	0.0617	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC56	53.000	J44	0.2	0.672	0.013	0.0019	
720 minute summer	FC56	Infiltration		0.0				0.0
720 minute summer	FC57	54.000	J45	0.2	0.632	0.014	0.0020	
720 minute summer	FC57	Infiltration		0.0				0.0
720 minute summer	FC58	56.000	J46	0.2	0.608	0.015	0.0020	
720 minute summer	FC58	Infiltration		0.0				0.0
720 minute summer	FC59	57.000	J47	0.2	0.565	0.016	0.0022	
720 minute summer	FC59	Infiltration		0.0				0.0
720 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
720 minute summer	FC60	Infiltration		0.0				0.0
720 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
720 minute summer	FC61	Infiltration		0.0				0.0
720 minute summer	FC62	63.000	J52	0.3	0.462	0.037	0.0058	
720 minute summer	FC62	Infiltration		0.0				0.0
720 minute summer	FC63	65.000	S26	0.2	0.264	0.033	0.0018	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC64	375	185.199	0.049	0.2	0.0617	0.0000	OK
720 minute summer	FC65	390	185.200	0.050	0.2	0.0647	0.0000	OK
720 minute summer	FC66	390	185.051	0.051	0.2	0.0658	0.0000	OK
720 minute summer	FC67	390	184.831	0.031	0.2	0.3218	0.0000	OK
720 minute summer	FC68	375	184.598	0.048	0.2	0.0604	0.0000	OK
720 minute summer	J1	390	188.224	0.024	1.0	0.0359	0.0000	OK
720 minute summer	J2	375	188.092	0.036	1.2	0.0402	0.0000	OK
720 minute summer	J3	375	188.084	0.034	1.5	0.0387	0.0000	OK
720 minute summer	J4	375	188.063	0.024	1.7	0.0271	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC63	Infiltration		0.0				0.0
720 minute summer	FC64	66.000	J54	0.2	0.175	0.033	0.0025	
720 minute summer	FC64	Infiltration		0.0				0.0
720 minute summer	FC65	67.000	J55	0.2	0.276	0.021	0.0022	
720 minute summer	FC65	Infiltration		0.0				0.0
720 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
720 minute summer	FC66	Infiltration		0.0				0.0
720 minute summer	FC67	69.000	J56	0.1	0.310	0.024	0.0010	
720 minute summer	FC67	Infiltration		0.0				0.0
720 minute summer	FC68	70.000	J57	0.2	0.454	0.022	0.0010	
720 minute summer	FC68	Infiltration		0.0				0.0
720 minute summer	J1	1.001	J2	1.0	0.696	0.121	0.0072	
720 minute summer	J2	1.002	J3	1.2	0.391	0.089	0.0032	
720 minute summer	J3	1.003	J4	1.5	0.623	0.111	0.0047	
720 minute summer	J4	1.004	J5	1.7	0.966	0.049	0.0061	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J5	375	187.933	0.023	1.9	0.0256	0.0000	OK
720 minute summer	J6	375	187.681	0.030	2.1	0.0344	0.0000	OK
720 minute summer	J7	375	187.564	0.039	2.3	0.0446	0.0000	OK
720 minute summer	J8	375	187.547	0.026	2.5	0.0291	0.0000	OK
720 minute summer	J9	375	187.317	0.042	2.6	0.0476	0.0000	OK
720 minute summer	J10	375	187.294	0.024	3.0	0.0271	0.0000	OK
720 minute summer	J11	375	187.155	0.034	3.1	0.0381	0.0000	OK
720 minute summer	J12	375	186.851	0.042	4.5	0.0473	0.0000	OK
720 minute summer	J13	375	186.695	0.067	4.7	0.0763	0.0000	OK
720 minute summer	J14	375	186.687	0.065	4.9	0.0730	0.0000	OK
720 minute summer	J15	375	186.675	0.058	5.1	0.0661	0.0000	OK
720 minute summer	J16	375	186.648	0.043	5.3	0.0488	0.0000	OK
720 minute summer	J17	375	186.311	0.028	5.4	0.0319	0.0000	OK
720 minute summer	J18	375	186.160	0.035	6.2	0.0396	0.0000	OK
720 minute summer	J19	375	186.097	0.070	6.4	0.0795	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J5	1.005	J6	1.9	0.893	0.049	0.0120	
720 minute summer	J6	1.006	J7	2.1	0.870	0.073	0.0047	
720 minute summer	J7	1.007	J8	2.3	0.652	0.075	0.0040	
720 minute summer	J8	1.008	J9	2.5	0.656	0.028	0.0322	
720 minute summer	J9	1.009	J10	2.7	0.747	0.081	0.0044	
720 minute summer	J10	1.010	J11	2.9	0.994	0.023	0.0073	
720 minute summer	J11	1.011	S2	3.1	0.516	0.049	0.0333	
720 minute summer	J12	1.013	J13	4.5	0.930	0.068	0.0315	
720 minute summer	J13	1.014	J14	4.7	0.408	0.083	0.0217	
720 minute summer	J14	1.015	J15	4.9	0.470	0.086	0.0199	
720 minute summer	J15	1.016	J16	5.1	0.643	0.095	0.0406	
720 minute summer	J16	1.017	J17	5.3	0.906	0.037	0.0195	
720 minute summer	J17	1.018	S3	5.4	0.828	0.018	0.0129	
720 minute summer	J18	1.020	J19	6.2	0.753	0.022	0.0127	
720 minute summer	J19	1.021	S4	6.4	0.573	0.117	0.0494	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J20	375	186.059	0.028	0.9	0.0319	0.0000	OK
720 minute summer	J21	375	186.039	0.030	1.1	0.0337	0.0000	OK
720 minute summer	J22	375	185.997	0.034	1.3	0.0385	0.0000	OK
720 minute summer	J23	375	185.977	0.035	1.5	0.0392	0.0000	OK
720 minute summer	J24	375	185.861	0.044	2.3	0.0498	0.0000	OK
720 minute summer	J25	375	185.843	0.047	2.5	0.0531	0.0000	OK
720 minute summer	J26	375	185.829	0.050	2.7	0.0566	0.0000	OK
720 minute summer	J27	375	185.790	0.054	3.5	0.0613	0.0000	OK
720 minute summer	J28	375	186.381	0.025	0.8	0.0281	0.0000	OK
720 minute summer	J29	375	186.300	0.029	1.0	0.0326	0.0000	OK
720 minute summer	J30	375	186.188	0.041	2.0	0.0467	0.0000	OK
720 minute summer	J31	375	186.086	0.042	2.2	0.0478	0.0000	OK
720 minute summer	J32	375	186.053	0.042	2.4	0.0476	0.0000	OK
720 minute summer	J33	375	185.562	0.027	3.3	0.0309	0.0000	OK
720 minute summer	J34	375	185.177	0.051	4.1	0.0582	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J20	23.002	J21	0.9	0.393	0.069	0.0090	
720 minute summer	J21	23.003	J22	1.1	0.415	0.085	0.0219	
720 minute summer	J22	23.004	J23	1.3	0.439	0.099	0.0109	
720 minute summer	J23	23.005	S18	1.5	0.491	0.110	0.0225	
720 minute summer	J24	23.007	J25	2.3	0.396	0.075	0.0354	
720 minute summer	J25	23.008	J26	2.5	0.392	0.081	0.0312	
720 minute summer	J26	23.009	S19	2.7	0.393	0.087	0.0251	
720 minute summer	J27	23.011	S4	3.5	0.518	0.116	0.0160	
720 minute summer	J28	32.001	J29	0.8	0.470	0.134	0.0149	
720 minute summer	J29	32.002	S12	1.0	0.546	0.167	0.0084	
720 minute summer	J30	32.004	J31	2.0	0.524	0.150	0.0189	
720 minute summer	J31	32.005	J32	2.2	0.426	0.073	0.0500	
720 minute summer	J32	32.006	S13	2.4	0.616	0.079	0.0208	
720 minute summer	J33	32.008	S14	3.3	0.782	0.031	0.0386	
720 minute summer	J34	32.010	J35	4.1	0.790	0.106	0.0474	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J35	375	185.109	0.034	4.3	0.0379	0.0000	OK
720 minute summer	J36	375	184.930	0.055	4.5	0.0622	0.0000	OK
720 minute summer	J37	375	184.558	0.058	5.4	0.0656	0.0000	OK
720 minute summer	J38	375	184.372	0.072	6.3	0.0814	0.0000	OK
720 minute summer	J39	375	184.341	0.067	6.5	0.0759	0.0000	OK
720 minute summer	J40	375	184.320	0.055	6.7	0.0622	0.0000	OK
720 minute summer	J41	375	184.612	0.015	0.3	0.0168	0.0000	OK
720 minute summer	J42	375	184.557	0.020	0.5	0.0222	0.0000	OK
720 minute summer	J43	375	184.415	0.035	1.3	0.0393	0.0000	OK
720 minute summer	J44	375	184.404	0.034	1.5	0.0387	0.0000	OK
720 minute summer	J45	375	184.358	0.038	1.7	0.0433	0.0000	OK
720 minute summer	J46	375	184.270	0.048	2.5	0.0548	0.0000	OK
720 minute summer	J47	375	184.262	0.055	2.6	0.0622	0.0000	OK
720 minute summer	J48	375	184.249	0.055	3.4	0.0623	0.0000	OK
720 minute summer	J49	375	184.233	0.064	3.6	0.0724	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J35	32.011	J36	4.3	0.781	0.048	0.0384	
720 minute summer	J36	32.012	S15	4.5	0.766	0.150	0.0140	
720 minute summer	J37	32.014	S16	5.4	0.861	0.098	0.0336	
720 minute summer	J38	32.016	J39	6.3	0.509	0.116	0.1336	
720 minute summer	J39	32.017	J40	6.5	0.632	0.118	0.0376	
720 minute summer	J40	32.018	S10	6.7	0.785	0.067	0.0814	
720 minute summer	J41	48.002	J42	0.3	0.314	0.047	0.0056	
720 minute summer	J42	48.003	S21	0.5	0.448	0.081	0.0087	
720 minute summer	J43	48.005	J44	1.3	0.418	0.091	0.0049	
720 minute summer	J44	48.006	J45	1.5	0.449	0.110	0.0287	
720 minute summer	J45	48.007	S22	1.7	0.497	0.123	0.0080	
720 minute summer	J46	48.009	J47	2.5	0.357	0.080	0.0290	
720 minute summer	J47	48.010	S23	2.6	0.338	0.088	0.0207	
720 minute summer	J48	48.012	J49	3.4	0.410	0.115	0.0625	
720 minute summer	J49	48.013	J50	3.6	0.404	0.119	0.0102	

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J50	375	184.226	0.061	3.8	0.0692	0.0000	OK
720 minute summer	J51	375	184.214	0.066	4.0	0.0749	0.0000	OK
720 minute summer	J52	375	184.206	0.062	4.3	0.0705	0.0000	OK
720 minute summer	J53	375	184.188	0.061	4.5	0.0687	0.0000	OK
720 minute summer	J54	375	185.157	0.028	0.9	0.0311	0.0000	OK
720 minute summer	J55	375	185.120	0.026	1.1	0.0297	0.0000	OK
720 minute summer	J56	375	184.082	0.075	6.4	0.0845	0.0000	OK
720 minute summer	J57	375	184.062	0.077	6.6	0.0865	0.0000	OK
720 minute summer	BASIN 1	495	185.462	0.537	10.6	55.3880	0.0000	SURCHARGED
720 minute summer	BASIN 2	720	184.837	0.537	2.6	54.1342	0.0000	OK
720 minute summer	BASIN 3	960	182.923	-0.177	8.5	118.9621	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J50	48.014	J51	3.8	0.416	0.128	0.0468	
720 minute summer	J51	48.015	J52	4.0	0.432	0.131	0.0106	
720 minute summer	J52	48.016	J53	4.3	0.491	0.141	0.0428	
720 minute summer	J53	48.017	S24	4.5	0.565	0.149	0.0817	
720 minute summer	J54	65.002	J55	0.9	0.524	0.150	0.0062	
720 minute summer	J55	65.003	S24	1.1	0.676	0.143	0.0126	
720 minute summer	J56	48.019	J57	6.4	0.462	0.118	0.1263	
720 minute summer	J57	48.020	S25	6.6	0.477	0.121	0.0848	
720 minute summer	BASIN 1	1.023	S5	2.5	0.158	0.030	0.9418	
720 minute summer	BASIN 1	Infiltration		0.1				4.2
720 minute summer	BASIN 2	1.027	S7	1.9	0.459	0.023	0.0946	
720 minute summer	BASIN 2	71.000	BH1	0.6	0.411	0.099	0.1829	
720 minute summer	BASIN 2	Infiltration		0.0				0.0
720 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
720 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	BASIN 4	630	183.558	0.228	7.8	65.5809	0.0000	OK
720 minute summer	SWALE 1	495	184.919	0.045	2.5	0.0644	0.0000	OK
720 minute summer	SWALE 2	735	184.416	0.041	1.9	0.0587	0.0000	OK
720 minute summer	SWALE 3	375	184.058	0.063	7.6	0.0899	0.0000	OK
720 minute summer	BH1	720	184.837	0.760	0.6	3.0050	0.0000	OK
720 minute summer	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
720 minute summer	BH3	630	183.558	0.239	0.6	2.7230	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	BASIN 4	48.022	BH3	0.6	0.268	0.011	0.2686	
720 minute summer	BASIN 4	Infiltration		0.0				0.0
720 minute summer	SWALE 1	1.025	S6	2.5	0.343	0.030	0.2748	
720 minute summer	SWALE 2	1.029	S8	1.9	0.431	0.023	0.1189	
720 minute summer	SWALE 3	1.033	BASIN 3	7.6	0.637	0.061	0.5133	
720 minute summer	BH1	Infiltration		0.1				4.6
720 minute summer	BH2	Infiltration		0.0				0.0
720 minute summer	BH3	Infiltration		0.2				7.6

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	345	188.383	0.013	0.3	0.0188	0.0000	OK
720 minute winter	S2	405	187.086	0.047	2.6	0.0814	0.0000	OK
720 minute winter	S3	405	186.186	0.048	3.6	0.0644	0.0000	OK
720 minute winter	S4	525	185.448	0.070	6.2	0.0894	0.0000	OK
720 minute winter	S5	525	185.448	0.538	2.5	0.7695	0.0000	SURCHARGED
720 minute winter	S6	525	184.851	0.043	2.5	0.0620	0.0000	OK
720 minute winter	S7	720	184.781	0.022	2.0	0.0312	0.0000	OK
720 minute winter	S8	720	184.354	0.023	2.0	0.0336	0.0000	OK
720 minute winter	S9	720	184.162	0.037	2.0	0.0531	0.0000	OK
720 minute winter	S10	390	184.143	0.030	4.4	0.0553	0.0000	OK
720 minute winter	S11	360	186.418	0.018	0.4	0.0282	0.0000	OK
720 minute winter	S12	375	186.206	0.030	1.1	0.0448	0.0000	OK
720 minute winter	S13	360	186.014	0.021	1.8	0.0321	0.0000	OK
720 minute winter	S14	390	185.210	0.035	2.4	0.0551	0.0000	OK
720 minute winter	S15	390	184.896	0.029	3.1	0.0456	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0070	
720 minute winter	S2	1.012	J12	2.6	0.477	0.087	0.0082	
720 minute winter	S3	1.019	J18	3.6	0.729	0.068	0.0261	
720 minute winter	S4	1.022	BASIN 1	6.2	0.901	0.037	0.6925	
720 minute winter	S5	1.024	SWALE 1	2.5	0.335	0.030	0.1494	
720 minute winter	S6	1.026	BASIN 2	2.5	0.409	0.028	0.0376	
720 minute winter	S7	1.028	SWALE 2	2.0	0.453	0.007	0.0766	
720 minute winter	S8	1.030	S9	2.0	0.485	0.008	0.0507	
720 minute winter	S9	1.031	S10	2.0	0.512	0.024	0.0281	
720 minute winter	S10	1.032	SWALE 3	4.4	0.720	0.013	0.0271	
720 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
720 minute winter	S12	32.003	J30	1.1	0.419	0.082	0.0133	
720 minute winter	S13	32.007	J33	1.8	0.936	0.018	0.0250	
720 minute winter	S14	32.009	J34	2.4	0.550	0.047	0.0229	
720 minute winter	S15	32.013	J37	3.1	1.061	0.034	0.0273	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	390	184.510	0.022	3.6	0.0343	0.0000	OK
720 minute winter	S17	405	186.170	0.020	0.5	0.0319	0.0000	OK
720 minute winter	S18	405	185.859	0.035	1.3	0.0512	0.0000	OK
720 minute winter	S19	405	185.807	0.040	2.0	0.0583	0.0000	OK
720 minute winter	S20	420	184.655	0.013	0.2	0.0145	0.0000	OK
720 minute winter	S21	390	184.433	0.024	0.7	0.0316	0.0000	OK
720 minute winter	S22	390	184.267	0.036	1.4	0.0464	0.0000	OK
720 minute winter	S23	390	184.243	0.045	2.0	0.0574	0.0000	OK
720 minute winter	S24	390	184.075	0.058	3.7	0.0762	0.0000	OK
720 minute winter	S25	390	184.027	0.057	4.2	0.0790	0.0000	OK
720 minute winter	S26	405	185.391	0.013	0.4	0.0199	0.0000	OK
720 minute winter	FC1	420	188.272	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC2	285	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S16	32.015	J38	3.6	0.678	0.011	0.0129	
720 minute winter	S17	23.001	J20	0.5	0.455	0.084	0.0079	
720 minute winter	S18	23.006	J24	1.3	0.340	0.041	0.0070	
720 minute winter	S19	23.010	J27	2.0	0.403	0.067	0.0442	
720 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
720 minute winter	S21	48.004	J43	0.7	0.356	0.053	0.0100	
720 minute winter	S22	48.008	J46	1.4	0.343	0.045	0.0099	
720 minute winter	S23	48.011	J48	2.0	0.378	0.065	0.0059	
720 minute winter	S24	48.018	J56	3.7	0.397	0.069	0.0396	
720 minute winter	S25	48.021	BASIN 4	4.2	0.508	0.079	0.0319	
720 minute winter	S26	65.001	J54	0.4	0.457	0.039	0.0076	
720 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0035	
720 minute winter	FC1	Infiltration		0.0				0.0
720 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
720 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC3	420	188.252	0.052	0.2	0.0697	0.0000	OK
720 minute winter	FC4	375	188.222	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC5	285	188.022	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC6	375	187.872	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC7	300	187.772	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC8	270	187.772	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC9	435	187.492	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC10	420	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
720 minute winter	FC3	Infiltration		0.0				0.0
720 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
720 minute winter	FC4	Infiltration		0.0				0.0
720 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
720 minute winter	FC5	Infiltration		0.0				0.0
720 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
720 minute winter	FC6	Infiltration		0.0				0.0
720 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
720 minute winter	FC7	Infiltration		0.0				0.0
720 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
720 minute winter	FC8	Infiltration		0.0				0.0
720 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
720 minute winter	FC9	Infiltration		0.0				0.0
720 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC11	480	187.342	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC12	345	187.252	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC13	270	187.022	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC14	435	186.922	0.022	0.1	0.2805	0.0000	OK
720 minute winter	FC15	315	187.222	0.022	0.1	0.0274	0.0000	OK
720 minute winter	FC16	480	186.922	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC17	435	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC10	Infiltration		0.0				0.0
720 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
720 minute winter	FC11	Infiltration		0.0				0.0
720 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
720 minute winter	FC12	Infiltration		0.0				0.0
720 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
720 minute winter	FC13	Infiltration		0.0				0.0
720 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
720 minute winter	FC14	Infiltration		0.0				0.0
720 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
720 minute winter	FC15	Infiltration		0.0				0.0
720 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
720 minute winter	FC16	Infiltration		0.0				0.0
720 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
720 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC18	345	186.572	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC19	285	186.422	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC20	285	186.972	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC21	420	186.322	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC22	480	186.472	0.022	0.1	0.2128	0.0000	OK
720 minute winter	FC23	360	186.322	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC24	270	186.322	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC25	285	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
720 minute winter	FC18	Infiltration		0.0				0.0
720 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
720 minute winter	FC19	Infiltration		0.0				0.0
720 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
720 minute winter	FC20	Infiltration		0.0				0.0
720 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
720 minute winter	FC21	Infiltration		0.0				0.0
720 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
720 minute winter	FC22	Infiltration		0.0				0.0
720 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
720 minute winter	FC23	Infiltration		0.0				0.0
720 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
720 minute winter	FC24	Infiltration		0.0				0.0
720 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC26	435	186.472	0.022	0.1	0.2216	0.0000	OK
720 minute winter	FC27	330	186.522	0.022	0.1	0.0273	0.0000	OK
720 minute winter	FC28	285	186.522	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC29	285	186.522	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC30	285	186.772	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC31	480	186.472	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC32	330	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC25	Infiltration		0.0				0.0
720 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
720 minute winter	FC26	Infiltration		0.0				0.0
720 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
720 minute winter	FC27	Infiltration		0.0				0.0
720 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
720 minute winter	FC28	Infiltration		0.0				0.0
720 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
720 minute winter	FC29	Infiltration		0.0				0.0
720 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
720 minute winter	FC30	Infiltration		0.0				0.0
720 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
720 minute winter	FC31	Infiltration		0.0				0.0
720 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
720 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC33	375	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC34	420	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC35	285	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC36	285	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC37	420	185.850	0.050	0.2	0.0678	0.0000	OK
720 minute winter	FC38	450	185.472	0.022	0.1	0.2638	0.0000	OK
720 minute winter	FC39	345	185.472	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC40	285	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
720 minute winter	FC33	Infiltration		0.0				0.0
720 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
720 minute winter	FC34	Infiltration		0.0				0.0
720 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
720 minute winter	FC35	Infiltration		0.0				0.0
720 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
720 minute winter	FC36	Infiltration		0.0				0.0
720 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
720 minute winter	FC37	Infiltration		0.0				0.0
720 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
720 minute winter	FC38	Infiltration		0.0				0.0
720 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
720 minute winter	FC39	Infiltration		0.0				0.0
720 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC41	465	184.872	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC42	285	184.622	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC43	330	184.622	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC44	270	184.607	0.007	0.1	0.0088	0.0000	OK
720 minute winter	FC45	330	184.622	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC46	420	184.752	0.052	0.2	0.0702	0.0000	OK
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	405	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC40	Infiltration		0.0				0.0
720 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
720 minute winter	FC41	Infiltration		0.0				0.0
720 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
720 minute winter	FC42	Infiltration		0.0				0.0
720 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
720 minute winter	FC43	Infiltration		0.0				0.0
720 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
720 minute winter	FC44	Infiltration		0.0				0.0
720 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
720 minute winter	FC45	Infiltration		0.0				0.0
720 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
720 minute winter	FC46	Infiltration		0.0				0.0
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
720 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC49	360	184.822	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC50	495	184.822	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC51	240	184.872	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC52	495	185.272	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC53	480	185.272	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC54	375	185.272	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC55	285	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC48	Infiltration		0.0				0.0
720 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
720 minute winter	FC49	Infiltration		0.0				0.0
720 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
720 minute winter	FC50	Infiltration		0.0				0.0
720 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
720 minute winter	FC51	Infiltration		0.0				0.0
720 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
720 minute winter	FC52	Infiltration		0.0				0.0
720 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
720 minute winter	FC53	Infiltration		0.0				0.0
720 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
720 minute winter	FC54	Infiltration		0.0				0.0
720 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
720 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC56	315	185.372	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC57	465	185.372	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC58	435	185.372	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC59	315	185.372	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC60	330	185.372	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC61	345	185.322	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC62	420	185.301	0.050	0.2	0.0682	0.0000	OK
720 minute winter	FC63	300	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
720 minute winter	FC56	Infiltration		0.0				0.0
720 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
720 minute winter	FC57	Infiltration		0.0				0.0
720 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
720 minute winter	FC58	Infiltration		0.0				0.0
720 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
720 minute winter	FC59	Infiltration		0.0				0.0
720 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
720 minute winter	FC60	Infiltration		0.0				0.0
720 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
720 minute winter	FC61	Infiltration		0.0				0.0
720 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
720 minute winter	FC62	Infiltration		0.0				0.0
720 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC64	420	185.172	0.022	0.1	0.0275	0.0000	OK
720 minute winter	FC65	345	185.172	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC66	390	185.022	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC67	360	184.822	0.022	0.1	0.2262	0.0000	OK
720 minute winter	FC68	375	184.572	0.022	0.1	0.0275	0.0000	OK
720 minute winter	J1	375	188.220	0.020	0.7	0.0299	0.0000	OK
720 minute winter	J2	405	188.085	0.029	0.8	0.0325	0.0000	OK
720 minute winter	J3	405	188.078	0.028	1.0	0.0319	0.0000	OK
720 minute winter	J4	405	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC63	Infiltration		0.0				0.0
720 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
720 minute winter	FC64	Infiltration		0.0				0.0
720 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0014	
720 minute winter	FC65	Infiltration		0.0				0.0
720 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
720 minute winter	FC66	Infiltration		0.0				0.0
720 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
720 minute winter	FC67	Infiltration		0.0				0.0
720 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
720 minute winter	FC68	Infiltration		0.0				0.0
720 minute winter	J1	1.001	J2	0.7	0.630	0.084	0.0056	
720 minute winter	J2	1.002	J3	0.8	0.345	0.060	0.0024	
720 minute winter	J3	1.003	J4	1.0	0.559	0.075	0.0035	
720 minute winter	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J5	405	187.928	0.018	1.2	0.0207	0.0000	OK
720 minute winter	J6	405	187.674	0.024	1.3	0.0269	0.0000	OK
720 minute winter	J7	405	187.555	0.030	1.4	0.0342	0.0000	OK
720 minute winter	J8	405	187.541	0.020	1.5	0.0230	0.0000	OK
720 minute winter	J9	390	187.308	0.033	1.6	0.0369	0.0000	OK
720 minute winter	J10	360	187.289	0.019	1.9	0.0211	0.0000	OK
720 minute winter	J11	390	187.148	0.027	1.9	0.0300	0.0000	OK
720 minute winter	J12	405	186.841	0.032	2.7	0.0363	0.0000	OK
720 minute winter	J13	405	186.679	0.052	2.8	0.0583	0.0000	OK
720 minute winter	J14	405	186.672	0.050	2.9	0.0564	0.0000	OK
720 minute winter	J15	405	186.663	0.046	3.0	0.0516	0.0000	OK
720 minute winter	J16	405	186.638	0.033	3.1	0.0372	0.0000	OK
720 minute winter	J17	405	186.305	0.022	3.2	0.0244	0.0000	OK
720 minute winter	J18	405	186.150	0.025	3.7	0.0286	0.0000	OK
720 minute winter	J19	405	186.081	0.054	3.8	0.0611	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J5	1.005	J6	1.2	0.801	0.031	0.0085	
720 minute winter	J6	1.006	J7	1.3	0.771	0.046	0.0033	
720 minute winter	J7	1.007	J8	1.4	0.574	0.046	0.0028	
720 minute winter	J8	1.008	J9	1.5	0.574	0.017	0.0225	
720 minute winter	J9	1.009	J10	1.7	0.664	0.049	0.0031	
720 minute winter	J10	1.010	J11	1.8	0.873	0.014	0.0051	
720 minute winter	J11	1.011	S2	1.9	0.451	0.030	0.0231	
720 minute winter	J12	1.013	J13	2.7	0.806	0.040	0.0217	
720 minute winter	J13	1.014	J14	2.8	0.356	0.049	0.0149	
720 minute winter	J14	1.015	J15	2.9	0.403	0.051	0.0138	
720 minute winter	J15	1.016	J16	3.0	0.555	0.056	0.0279	
720 minute winter	J16	1.017	J17	3.1	0.785	0.022	0.0133	
720 minute winter	J17	1.018	S3	3.2	0.700	0.010	0.0090	
720 minute winter	J18	1.020	J19	3.7	0.675	0.013	0.0085	
720 minute winter	J19	1.021	S4	3.8	0.496	0.069	0.0337	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J20	405	186.053	0.022	0.6	0.0253	0.0000	OK
720 minute winter	J21	405	186.032	0.023	0.7	0.0265	0.0000	OK
720 minute winter	J22	405	185.989	0.026	0.8	0.0294	0.0000	OK
720 minute winter	J23	405	185.969	0.027	0.9	0.0306	0.0000	OK
720 minute winter	J24	405	185.851	0.034	1.4	0.0387	0.0000	OK
720 minute winter	J25	405	185.832	0.036	1.5	0.0406	0.0000	OK
720 minute winter	J26	405	185.817	0.038	1.6	0.0429	0.0000	OK
720 minute winter	J27	405	185.778	0.042	2.1	0.0475	0.0000	OK
720 minute winter	J28	360	186.376	0.020	0.5	0.0222	0.0000	OK
720 minute winter	J29	375	186.293	0.022	0.6	0.0251	0.0000	OK
720 minute winter	J30	390	186.179	0.032	1.2	0.0359	0.0000	OK
720 minute winter	J31	390	186.077	0.032	1.3	0.0367	0.0000	OK
720 minute winter	J32	360	186.044	0.033	1.4	0.0371	0.0000	OK
720 minute winter	J33	390	185.557	0.022	2.0	0.0245	0.0000	OK
720 minute winter	J34	390	185.166	0.040	2.5	0.0458	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J20	23.002	J21	0.6	0.355	0.044	0.0064	
720 minute winter	J21	23.003	J22	0.7	0.370	0.052	0.0152	
720 minute winter	J22	23.004	J23	0.8	0.382	0.059	0.0075	
720 minute winter	J23	23.005	S18	0.9	0.427	0.067	0.0158	
720 minute winter	J24	23.007	J25	1.4	0.357	0.047	0.0242	
720 minute winter	J25	23.008	J26	1.5	0.354	0.050	0.0210	
720 minute winter	J26	23.009	S19	1.6	0.346	0.052	0.0171	
720 minute winter	J27	23.011	S4	2.1	0.454	0.070	0.0111	
720 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
720 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
720 minute winter	J30	32.004	J31	1.2	0.456	0.090	0.0131	
720 minute winter	J31	32.005	J32	1.3	0.367	0.043	0.0345	
720 minute winter	J32	32.006	S13	1.4	0.518	0.047	0.0145	
720 minute winter	J33	32.008	S14	2.0	0.694	0.019	0.0266	
720 minute winter	J34	32.010	J35	2.5	0.682	0.065	0.0335	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J35	390	185.101	0.026	2.6	0.0299	0.0000	OK
720 minute winter	J36	390	184.918	0.043	2.7	0.0486	0.0000	OK
720 minute winter	J37	390	184.546	0.046	3.2	0.0518	0.0000	OK
720 minute winter	J38	390	184.355	0.055	3.7	0.0622	0.0000	OK
720 minute winter	J39	390	184.326	0.052	3.8	0.0585	0.0000	OK
720 minute winter	J40	390	184.307	0.042	3.9	0.0473	0.0000	OK
720 minute winter	J41	420	184.610	0.013	0.2	0.0143	0.0000	OK
720 minute winter	J42	420	184.553	0.016	0.3	0.0176	0.0000	OK
720 minute winter	J43	390	184.407	0.027	0.8	0.0305	0.0000	OK
720 minute winter	J44	390	184.397	0.027	0.9	0.0301	0.0000	OK
720 minute winter	J45	390	184.349	0.029	1.0	0.0332	0.0000	OK
720 minute winter	J46	390	184.258	0.036	1.5	0.0410	0.0000	OK
720 minute winter	J47	390	184.248	0.041	1.6	0.0463	0.0000	OK
720 minute winter	J48	390	184.236	0.042	2.1	0.0471	0.0000	OK
720 minute winter	J49	390	184.217	0.048	2.2	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J35	32.011	J36	2.6	0.673	0.029	0.0270	
720 minute winter	J36	32.012	S15	2.7	0.661	0.090	0.0098	
720 minute winter	J37	32.014	S16	3.2	0.727	0.058	0.0237	
720 minute winter	J38	32.016	J39	3.7	0.438	0.068	0.0914	
720 minute winter	J39	32.017	J40	3.8	0.544	0.069	0.0256	
720 minute winter	J40	32.018	S10	3.9	0.675	0.039	0.0553	
720 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0042	
720 minute winter	J42	48.003	S21	0.3	0.392	0.051	0.0063	
720 minute winter	J43	48.005	J44	0.8	0.377	0.057	0.0034	
720 minute winter	J44	48.006	J45	0.9	0.398	0.067	0.0199	
720 minute winter	J45	48.007	S22	1.0	0.432	0.074	0.0055	
720 minute winter	J46	48.009	J47	1.5	0.332	0.049	0.0190	
720 minute winter	J47	48.010	S23	1.6	0.306	0.053	0.0138	
720 minute winter	J48	48.012	J49	2.1	0.375	0.070	0.0417	
720 minute winter	J49	48.013	J50	2.2	0.369	0.072	0.0068	

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J50	390	184.211	0.046	2.3	0.0516	0.0000	OK
720 minute winter	J51	390	184.198	0.050	2.4	0.0566	0.0000	OK
720 minute winter	J52	390	184.192	0.047	2.6	0.0537	0.0000	OK
720 minute winter	J53	390	184.174	0.047	2.7	0.0530	0.0000	OK
720 minute winter	J54	420	185.149	0.020	0.5	0.0231	0.0000	OK
720 minute winter	J55	420	185.113	0.019	0.6	0.0219	0.0000	OK
720 minute winter	J56	390	184.063	0.056	3.8	0.0637	0.0000	OK
720 minute winter	J57	390	184.043	0.058	3.9	0.0655	0.0000	OK
720 minute winter	BASIN 1	525	185.448	0.523	6.4	53.4755	0.0000	SURCHARGED
720 minute winter	BASIN 2	720	184.838	0.538	2.6	54.2127	0.0000	OK
720 minute winter	BASIN 3	960	182.926	-0.174	5.0	120.2932	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J50	48.014	J51	2.3	0.374	0.077	0.0312	
720 minute winter	J51	48.015	J52	2.4	0.380	0.078	0.0072	
720 minute winter	J52	48.016	J53	2.6	0.431	0.085	0.0294	
720 minute winter	J53	48.017	S24	2.7	0.491	0.090	0.0565	
720 minute winter	J54	65.002	J55	0.5	0.453	0.084	0.0040	
720 minute winter	J55	65.003	S24	0.6	0.572	0.079	0.0082	
720 minute winter	J56	48.019	J57	3.8	0.408	0.070	0.0847	
720 minute winter	J57	48.020	S25	3.9	0.414	0.071	0.0576	
720 minute winter	BASIN 1	1.023	S5	2.5	0.107	0.030	0.9418	
720 minute winter	BASIN 1	Infiltration		0.1				4.4
720 minute winter	BASIN 2	1.027	S7	2.0	0.465	0.024	0.0969	
720 minute winter	BASIN 2	71.000	BH1	0.7	0.439	0.116	0.1829	
720 minute winter	BASIN 2	Infiltration		0.0				0.0
720 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
720 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	BASIN 4	690	183.569	0.239	4.7	68.7737	0.0000	OK
720 minute winter	SWALE 1	525	184.919	0.045	2.5	0.0640	0.0000	OK
720 minute winter	SWALE 2	720	184.417	0.042	2.0	0.0595	0.0000	OK
720 minute winter	SWALE 3	390	184.043	0.048	4.4	0.0692	0.0000	OK
720 minute winter	BH1	720	184.837	0.760	0.7	3.0069	0.0000	OK
720 minute winter	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
720 minute winter	BH3	690	183.569	0.250	0.6	2.7732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	BASIN 4	48.022	BH3	0.6	0.238	0.011	0.2804	
720 minute winter	BASIN 4	Infiltration		0.0				0.0
720 minute winter	SWALE 1	1.025	S6	2.5	0.342	0.030	0.2721	
720 minute winter	SWALE 2	1.029	S8	2.0	0.437	0.024	0.1216	
720 minute winter	SWALE 3	1.033	BASIN 3	4.4	0.548	0.035	0.3467	
720 minute winter	BH1	Infiltration		0.1				4.5
720 minute winter	BH2	Infiltration		0.0				0.0
720 minute winter	BH3	Infiltration		0.2				7.9

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.385	0.015	0.4	0.0215	0.0000	OK
960 minute summer	S2	495	187.095	0.056	3.6	0.0961	0.0000	OK
960 minute summer	S3	495	186.193	0.056	4.8	0.0738	0.0000	OK
960 minute summer	S4	630	185.457	0.079	8.4	0.1018	0.0000	OK
960 minute summer	S5	630	185.457	0.547	2.5	0.7833	0.0000	SURCHARGED
960 minute summer	S6	630	184.852	0.044	2.5	0.0623	0.0000	OK
960 minute summer	S7	840	184.781	0.022	2.0	0.0310	0.0000	OK
960 minute summer	S8	840	184.353	0.023	2.0	0.0333	0.0000	OK
960 minute summer	S9	840	184.162	0.037	2.0	0.0530	0.0000	OK
960 minute summer	S10	495	184.149	0.035	5.9	0.0645	0.0000	OK
960 minute summer	S11	495	186.420	0.020	0.5	0.0316	0.0000	OK
960 minute summer	S12	495	186.210	0.034	1.4	0.0509	0.0000	OK
960 minute summer	S13	495	186.018	0.025	2.5	0.0377	0.0000	OK
960 minute summer	S14	495	185.216	0.041	3.2	0.0642	0.0000	OK
960 minute summer	S15	495	184.900	0.033	4.1	0.0523	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S1	1.000	J1	0.4	0.373	0.046	0.0090	
960 minute summer	S2	1.012	J12	3.6	0.521	0.120	0.0103	
960 minute summer	S3	1.019	J18	4.8	0.782	0.091	0.0326	
960 minute summer	S4	1.022	BASIN 1	8.4	0.901	0.050	0.7134	
960 minute summer	S5	1.024	SWALE 1	2.5	0.336	0.030	0.1504	
960 minute summer	S6	1.026	BASIN 2	2.5	0.410	0.029	0.0372	
960 minute summer	S7	1.028	SWALE 2	2.0	0.451	0.007	0.0760	
960 minute summer	S8	1.030	S9	2.0	0.480	0.008	0.0505	
960 minute summer	S9	1.031	S10	2.0	0.494	0.024	0.0284	
960 minute summer	S10	1.032	SWALE 3	5.9	0.776	0.018	0.0335	
960 minute summer	S11	32.000	J28	0.5	0.424	0.084	0.0053	
960 minute summer	S12	32.003	J30	1.4	0.438	0.105	0.0162	
960 minute summer	S13	32.007	J33	2.5	1.038	0.025	0.0313	
960 minute summer	S14	32.009	J34	3.2	0.596	0.063	0.0281	
960 minute summer	S15	32.013	J37	4.1	1.149	0.044	0.0332	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.513	0.026	4.8	0.0392	0.0000	OK
960 minute summer	S17	495	186.172	0.022	0.6	0.0350	0.0000	OK
960 minute summer	S18	495	185.864	0.040	1.7	0.0588	0.0000	OK
960 minute summer	S19	495	185.813	0.047	2.7	0.0680	0.0000	OK
960 minute summer	S20	540	184.655	0.013	0.2	0.0145	0.0000	OK
960 minute summer	S21	510	184.436	0.027	0.9	0.0357	0.0000	OK
960 minute summer	S22	510	184.272	0.041	1.8	0.0532	0.0000	OK
960 minute summer	S23	510	184.249	0.051	2.5	0.0654	0.0000	OK
960 minute summer	S24	495	184.084	0.067	4.9	0.0883	0.0000	OK
960 minute summer	S25	495	184.035	0.065	5.5	0.0904	0.0000	OK
960 minute summer	S26	495	185.392	0.015	0.5	0.0221	0.0000	OK
960 minute summer	FC1	510	188.301	0.051	0.2	0.0664	0.0000	OK
960 minute summer	FC2	510	188.202	0.052	0.2	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S16	32.015	J38	4.8	0.730	0.015	0.0160	
960 minute summer	S17	23.001	J20	0.6	0.479	0.101	0.0089	
960 minute summer	S18	23.006	J24	1.7	0.365	0.053	0.0085	
960 minute summer	S19	23.010	J27	2.7	0.432	0.090	0.0555	
960 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
960 minute summer	S21	48.004	J43	0.9	0.371	0.067	0.0124	
960 minute summer	S22	48.008	J46	1.8	0.362	0.057	0.0121	
960 minute summer	S23	48.011	J48	2.5	0.389	0.081	0.0072	
960 minute summer	S24	48.018	J56	4.9	0.425	0.091	0.0487	
960 minute summer	S25	48.021	BASIN 4	5.5	0.544	0.103	0.0388	
960 minute summer	S26	65.001	J54	0.5	0.495	0.048	0.0087	
960 minute summer	FC1	2.000	J1	0.2	0.225	0.032	0.0048	
960 minute summer	FC1	Infiltration		0.0				0.0
960 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
960 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC3	540	188.252	0.052	0.2	0.0697	0.0000	OK
960 minute summer	FC4	555	188.222	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC5	510	188.052	0.052	0.2	0.0671	0.0000	OK
960 minute summer	FC6	525	187.872	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC7	435	187.772	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC8	510	187.800	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC9	585	187.492	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC10	540	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
960 minute summer	FC3	Infiltration		0.0				0.0
960 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
960 minute summer	FC4	Infiltration		0.0				0.0
960 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
960 minute summer	FC5	Infiltration		0.0				0.0
960 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
960 minute summer	FC6	Infiltration		0.0				0.0
960 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
960 minute summer	FC7	Infiltration		0.0				0.0
960 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
960 minute summer	FC8	Infiltration		0.0				0.0
960 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
960 minute summer	FC9	Infiltration		0.0				0.0
960 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC11	510	187.372	0.052	0.2	0.0669	0.0000	OK
960 minute summer	FC12	510	187.282	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC13	510	187.052	0.052	0.2	0.0669	0.0000	OK
960 minute summer	FC14	510	186.937	0.037	0.2	0.4670	0.0000	OK
960 minute summer	FC15	450	187.222	0.022	0.1	0.0274	0.0000	OK
960 minute summer	FC16	435	186.922	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC17	510	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC10	Infiltration		0.0				0.0
960 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
960 minute summer	FC11	Infiltration		0.0				0.0
960 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
960 minute summer	FC12	Infiltration		0.0				0.0
960 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
960 minute summer	FC13	Infiltration		0.0				0.0
960 minute summer	FC14	15.000	J13	0.2	0.326	0.027	0.0037	
960 minute summer	FC14	Infiltration		0.0				0.0
960 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
960 minute summer	FC15	Infiltration		0.0				0.0
960 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
960 minute summer	FC16	Infiltration		0.0				0.0
960 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
960 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC18	585	186.572	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC19	510	186.452	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC20	510	187.000	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC21	510	186.352	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC22	585	186.472	0.022	0.1	0.2128	0.0000	OK
960 minute summer	FC23	495	186.322	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC24	510	186.350	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC25	510	186.600	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
960 minute summer	FC18	Infiltration		0.0				0.0
960 minute summer	FC19	20.000	S3	0.2	0.346	0.034	0.0038	
960 minute summer	FC19	Infiltration		0.0				0.0
960 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
960 minute summer	FC20	Infiltration		0.0				0.0
960 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
960 minute summer	FC21	Infiltration		0.0				0.0
960 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0035	
960 minute summer	FC22	Infiltration		0.0				0.0
960 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
960 minute summer	FC23	Infiltration		0.0				0.0
960 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
960 minute summer	FC24	Infiltration		0.0				0.0
960 minute summer	FC25	26.000	J22	0.2	0.686	0.013	0.0014	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC26	555	186.472	0.022	0.1	0.2216	0.0000	OK
960 minute summer	FC27	465	186.522	0.022	0.1	0.0273	0.0000	OK
960 minute summer	FC28	510	186.550	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC29	510	186.550	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC30	510	186.800	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC31	435	186.472	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC32	450	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC25	Infiltration		0.0				0.0
960 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
960 minute summer	FC26	Infiltration		0.0				0.0
960 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
960 minute summer	FC27	Infiltration		0.0				0.0
960 minute summer	FC28	29.000	J25	0.2	0.690	0.012	0.0013	
960 minute summer	FC28	Infiltration		0.0				0.0
960 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
960 minute summer	FC29	Infiltration		0.0				0.0
960 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
960 minute summer	FC30	Infiltration		0.0				0.0
960 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0032	
960 minute summer	FC31	Infiltration		0.0				0.0
960 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0034	
960 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC33	510	186.500	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC34	510	186.502	0.052	0.2	0.0667	0.0000	OK
960 minute summer	FC35	510	186.500	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC36	510	186.500	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC37	540	185.850	0.050	0.2	0.0678	0.0000	OK
960 minute summer	FC38	570	185.472	0.022	0.1	0.2638	0.0000	OK
960 minute summer	FC39	480	185.472	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC40	510	185.550	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
960 minute summer	FC33	Infiltration		0.0				0.0
960 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
960 minute summer	FC34	Infiltration		0.0				0.0
960 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
960 minute summer	FC35	Infiltration		0.0				0.0
960 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
960 minute summer	FC36	Infiltration		0.0				0.0
960 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
960 minute summer	FC37	Infiltration		0.0				0.0
960 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
960 minute summer	FC38	Infiltration		0.0				0.0
960 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
960 minute summer	FC39	Infiltration		0.0				0.0
960 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC41	510	184.900	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC42	510	184.650	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC43	510	184.650	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC44	405	184.607	0.007	0.1	0.0088	0.0000	OK
960 minute summer	FC45	510	184.622	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC46	540	184.752	0.052	0.2	0.0702	0.0000	OK
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.850	0.050	0.2	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC40	Infiltration		0.0				0.0
960 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
960 minute summer	FC41	Infiltration		0.0				0.0
960 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
960 minute summer	FC42	Infiltration		0.0				0.0
960 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
960 minute summer	FC43	Infiltration		0.0				0.0
960 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
960 minute summer	FC44	Infiltration		0.0				0.0
960 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
960 minute summer	FC45	Infiltration		0.0				0.0
960 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
960 minute summer	FC46	Infiltration		0.0				0.0
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
960 minute summer	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC49	510	184.852	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC50	510	184.852	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC51	510	184.902	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC52	510	185.300	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC53	510	185.300	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC54	525	185.272	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC55	420	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC48	Infiltration		0.0				0.0
960 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
960 minute summer	FC49	Infiltration		0.0				0.0
960 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
960 minute summer	FC50	Infiltration		0.0				0.0
960 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
960 minute summer	FC51	Infiltration		0.0				0.0
960 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
960 minute summer	FC52	Infiltration		0.0				0.0
960 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
960 minute summer	FC53	Infiltration		0.0				0.0
960 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
960 minute summer	FC54	Infiltration		0.0				0.0
960 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
960 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC56	450	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC57	570	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC58	405	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC59	540	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC60	510	185.400	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC61	510	185.350	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC62	540	185.301	0.050	0.2	0.0682	0.0000	OK
960 minute summer	FC63	450	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
960 minute summer	FC56	Infiltration		0.0				0.0
960 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
960 minute summer	FC57	Infiltration		0.0				0.0
960 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
960 minute summer	FC58	Infiltration		0.0				0.0
960 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
960 minute summer	FC59	Infiltration		0.0				0.0
960 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
960 minute summer	FC60	Infiltration		0.0				0.0
960 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
960 minute summer	FC61	Infiltration		0.0				0.0
960 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
960 minute summer	FC62	Infiltration		0.0				0.0
960 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC64	450	185.172	0.022	0.1	0.0275	0.0000	OK
960 minute summer	FC65	510	185.200	0.050	0.2	0.0647	0.0000	OK
960 minute summer	FC66	510	185.051	0.051	0.2	0.0658	0.0000	OK
960 minute summer	FC67	495	184.822	0.022	0.1	0.2262	0.0000	OK
960 minute summer	FC68	585	184.572	0.022	0.1	0.0275	0.0000	OK
960 minute summer	J1	495	188.224	0.024	1.0	0.0359	0.0000	OK
960 minute summer	J2	495	188.091	0.035	1.2	0.0396	0.0000	OK
960 minute summer	J3	495	188.083	0.033	1.4	0.0375	0.0000	OK
960 minute summer	J4	495	188.062	0.023	1.5	0.0255	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC63	Infiltration		0.0				0.0
960 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
960 minute summer	FC64	Infiltration		0.0				0.0
960 minute summer	FC65	67.000	J55	0.2	0.275	0.021	0.0019	
960 minute summer	FC65	Infiltration		0.0				0.0
960 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
960 minute summer	FC66	Infiltration		0.0				0.0
960 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
960 minute summer	FC67	Infiltration		0.0				0.0
960 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
960 minute summer	FC68	Infiltration		0.0				0.0
960 minute summer	J1	1.001	J2	1.0	0.696	0.120	0.0072	
960 minute summer	J2	1.002	J3	1.2	0.399	0.089	0.0031	
960 minute summer	J3	1.003	J4	1.4	0.621	0.105	0.0044	
960 minute summer	J4	1.004	J5	1.5	0.933	0.044	0.0057	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J5	495	187.932	0.022	1.7	0.0244	0.0000	OK
960 minute summer	J6	495	187.678	0.028	1.8	0.0319	0.0000	OK
960 minute summer	J7	495	187.560	0.035	1.9	0.0396	0.0000	OK
960 minute summer	J8	495	187.545	0.024	2.1	0.0270	0.0000	OK
960 minute summer	J9	495	187.313	0.038	2.2	0.0434	0.0000	OK
960 minute summer	J10	495	187.292	0.021	2.3	0.0243	0.0000	OK
960 minute summer	J11	495	187.152	0.031	2.6	0.0348	0.0000	OK
960 minute summer	J12	495	186.847	0.038	3.8	0.0431	0.0000	OK
960 minute summer	J13	495	186.688	0.061	3.9	0.0693	0.0000	OK
960 minute summer	J14	495	186.681	0.059	4.0	0.0663	0.0000	OK
960 minute summer	J15	495	186.670	0.053	4.1	0.0600	0.0000	OK
960 minute summer	J16	495	186.644	0.039	4.2	0.0436	0.0000	OK
960 minute summer	J17	495	186.308	0.025	4.3	0.0280	0.0000	OK
960 minute summer	J18	495	186.156	0.031	5.0	0.0346	0.0000	OK
960 minute summer	J19	495	186.091	0.063	5.2	0.0718	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J5	1.005	J6	1.7	0.886	0.044	0.0109	
960 minute summer	J6	1.006	J7	1.8	0.839	0.063	0.0042	
960 minute summer	J7	1.007	J8	1.9	0.623	0.062	0.0035	
960 minute summer	J8	1.008	J9	2.1	0.634	0.024	0.0284	
960 minute summer	J9	1.009	J10	2.1	0.699	0.064	0.0038	
960 minute summer	J10	1.010	J11	2.4	0.938	0.019	0.0063	
960 minute summer	J11	1.011	S2	2.6	0.489	0.040	0.0291	
960 minute summer	J12	1.013	J13	3.8	0.886	0.057	0.0277	
960 minute summer	J13	1.014	J14	3.9	0.394	0.070	0.0190	
960 minute summer	J14	1.015	J15	4.0	0.448	0.072	0.0173	
960 minute summer	J15	1.016	J16	4.1	0.611	0.078	0.0350	
960 minute summer	J16	1.017	J17	4.2	0.855	0.030	0.0167	
960 minute summer	J17	1.018	S3	4.3	0.777	0.014	0.0110	
960 minute summer	J18	1.020	J19	5.0	0.716	0.018	0.0109	
960 minute summer	J19	1.021	S4	5.2	0.539	0.095	0.0428	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J20	495	186.055	0.024	0.7	0.0273	0.0000	OK
960 minute summer	J21	495	186.035	0.026	0.9	0.0298	0.0000	OK
960 minute summer	J22	495	185.994	0.031	1.1	0.0347	0.0000	OK
960 minute summer	J23	495	185.973	0.031	1.2	0.0352	0.0000	OK
960 minute summer	J24	495	185.856	0.039	1.8	0.0440	0.0000	OK
960 minute summer	J25	495	185.838	0.042	2.0	0.0473	0.0000	OK
960 minute summer	J26	495	185.824	0.045	2.2	0.0509	0.0000	OK
960 minute summer	J27	495	185.785	0.049	2.9	0.0559	0.0000	OK
960 minute summer	J28	495	186.378	0.022	0.6	0.0244	0.0000	OK
960 minute summer	J29	495	186.295	0.024	0.7	0.0272	0.0000	OK
960 minute summer	J30	495	186.184	0.037	1.6	0.0417	0.0000	OK
960 minute summer	J31	495	186.082	0.038	1.8	0.0432	0.0000	OK
960 minute summer	J32	495	186.050	0.039	2.0	0.0438	0.0000	OK
960 minute summer	J33	495	185.560	0.025	2.7	0.0283	0.0000	OK
960 minute summer	J34	495	185.171	0.046	3.3	0.0523	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J20	23.002	J21	0.7	0.358	0.052	0.0074	
960 minute summer	J21	23.003	J22	0.9	0.386	0.067	0.0186	
960 minute summer	J22	23.004	J23	1.1	0.420	0.081	0.0094	
960 minute summer	J23	23.005	S18	1.2	0.463	0.089	0.0194	
960 minute summer	J24	23.007	J25	1.8	0.373	0.060	0.0298	
960 minute summer	J25	23.008	J26	2.0	0.373	0.066	0.0266	
960 minute summer	J26	23.009	S19	2.2	0.376	0.072	0.0216	
960 minute summer	J27	23.011	S4	2.9	0.494	0.097	0.0140	
960 minute summer	J28	32.001	J29	0.6	0.447	0.101	0.0119	
960 minute summer	J29	32.002	S12	0.7	0.496	0.118	0.0066	
960 minute summer	J30	32.004	J31	1.6	0.494	0.120	0.0161	
960 minute summer	J31	32.005	J32	1.8	0.400	0.060	0.0438	
960 minute summer	J32	32.006	S13	2.0	0.581	0.066	0.0184	
960 minute summer	J33	32.008	S14	2.7	0.753	0.026	0.0330	
960 minute summer	J34	32.010	J35	3.3	0.743	0.085	0.0405	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J35	495	185.105	0.030	3.4	0.0339	0.0000	OK
960 minute summer	J36	495	184.924	0.049	3.6	0.0557	0.0000	OK
960 minute summer	J37	495	184.552	0.052	4.3	0.0591	0.0000	OK
960 minute summer	J38	495	184.364	0.064	5.0	0.0723	0.0000	OK
960 minute summer	J39	495	184.334	0.060	5.2	0.0678	0.0000	OK
960 minute summer	J40	495	184.314	0.049	5.3	0.0552	0.0000	OK
960 minute summer	J41	540	184.610	0.013	0.2	0.0143	0.0000	OK
960 minute summer	J42	510	184.555	0.018	0.4	0.0203	0.0000	OK
960 minute summer	J43	510	184.412	0.032	1.1	0.0360	0.0000	OK
960 minute summer	J44	510	184.401	0.031	1.2	0.0349	0.0000	OK
960 minute summer	J45	510	184.354	0.034	1.3	0.0380	0.0000	OK
960 minute summer	J46	510	184.264	0.041	1.9	0.0469	0.0000	OK
960 minute summer	J47	510	184.254	0.047	2.0	0.0530	0.0000	OK
960 minute summer	J48	510	184.242	0.048	2.7	0.0541	0.0000	OK
960 minute summer	J49	510	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J35	32.011	J36	3.4	0.724	0.038	0.0327	
960 minute summer	J36	32.012	S15	3.6	0.722	0.120	0.0119	
960 minute summer	J37	32.014	S16	4.3	0.801	0.078	0.0288	
960 minute summer	J38	32.016	J39	5.0	0.476	0.092	0.1132	
960 minute summer	J39	32.017	J40	5.2	0.598	0.095	0.0318	
960 minute summer	J40	32.018	S10	5.3	0.736	0.053	0.0687	
960 minute summer	J41	48.002	J42	0.2	0.299	0.034	0.0047	
960 minute summer	J42	48.003	S21	0.4	0.425	0.068	0.0077	
960 minute summer	J43	48.005	J44	1.1	0.413	0.079	0.0043	
960 minute summer	J44	48.006	J45	1.2	0.433	0.090	0.0243	
960 minute summer	J45	48.007	S22	1.3	0.465	0.096	0.0067	
960 minute summer	J46	48.009	J47	1.9	0.346	0.062	0.0231	
960 minute summer	J47	48.010	S23	2.0	0.316	0.066	0.0167	
960 minute summer	J48	48.012	J49	2.7	0.389	0.090	0.0518	
960 minute summer	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J50	510	184.219	0.054	3.1	0.0610	0.0000	OK
960 minute summer	J51	510	184.206	0.058	3.2	0.0658	0.0000	OK
960 minute summer	J52	510	184.199	0.055	3.4	0.0619	0.0000	OK
960 minute summer	J53	510	184.180	0.053	3.5	0.0604	0.0000	OK
960 minute summer	J54	495	185.151	0.022	0.6	0.0253	0.0000	OK
960 minute summer	J55	495	185.116	0.022	0.8	0.0254	0.0000	OK
960 minute summer	J56	495	184.072	0.065	5.0	0.0735	0.0000	OK
960 minute summer	J57	495	184.052	0.067	5.1	0.0753	0.0000	OK
960 minute summer	BASIN 1	630	185.457	0.532	8.6	54.7385	0.0000	SURCHARGED
960 minute summer	BASIN 2	840	184.837	0.537	2.6	54.1827	0.0000	OK
960 minute summer	BASIN 3	1200	182.964	-0.136	6.7	134.7368	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J50	48.014	J51	3.1	0.403	0.104	0.0391	
960 minute summer	J51	48.015	J52	3.2	0.411	0.104	0.0088	
960 minute summer	J52	48.016	J53	3.4	0.465	0.111	0.0357	
960 minute summer	J53	48.017	S24	3.5	0.527	0.116	0.0681	
960 minute summer	J54	65.002	J55	0.6	0.459	0.101	0.0048	
960 minute summer	J55	65.003	S24	0.8	0.621	0.105	0.0101	
960 minute summer	J56	48.019	J57	5.0	0.437	0.092	0.1037	
960 minute summer	J57	48.020	S25	5.1	0.444	0.093	0.0701	
960 minute summer	BASIN 1	1.023	S5	2.5	0.123	0.030	0.9418	
960 minute summer	BASIN 1	Infiltration		0.1				4.9
960 minute summer	BASIN 2	1.027	S7	2.0	0.463	0.024	0.0960	
960 minute summer	BASIN 2	71.000	BH1	0.4	0.365	0.067	0.1829	
960 minute summer	BASIN 2	Infiltration		0.0				0.0
960 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
960 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	BASIN 4	765	183.564	0.234	6.1	67.2036	0.0000	OK
960 minute summer	SWALE 1	630	184.919	0.045	2.5	0.0643	0.0000	OK
960 minute summer	SWALE 2	840	184.416	0.041	2.0	0.0592	0.0000	OK
960 minute summer	SWALE 3	495	184.051	0.056	5.9	0.0795	0.0000	OK
960 minute summer	BH1	840	184.837	0.760	0.4	3.0062	0.0000	OK
960 minute summer	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
960 minute summer	BH3	765	183.564	0.245	0.6	2.7485	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	BASIN 4	48.022	BH3	0.6	0.230	0.011	0.2747	
960 minute summer	BASIN 4	Infiltration		0.0				0.0
960 minute summer	SWALE 1	1.025	S6	2.5	0.343	0.030	0.2738	
960 minute summer	SWALE 2	1.029	S8	2.0	0.435	0.024	0.1205	
960 minute summer	SWALE 3	1.033	BASIN 3	5.9	0.594	0.047	0.4277	
960 minute summer	BH1	Infiltration		0.1				5.5
960 minute summer	BH2	Infiltration		0.0				0.0
960 minute summer	BH3	Infiltration		0.2				9.2

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	390	188.381	0.011	0.2	0.0155	0.0000	OK
960 minute winter	S2	510	187.083	0.044	2.3	0.0764	0.0000	OK
960 minute winter	S3	510	186.183	0.046	3.2	0.0611	0.0000	OK
960 minute winter	S4	660	185.445	0.067	5.4	0.0856	0.0000	OK
960 minute winter	S5	660	185.445	0.535	2.5	0.7653	0.0000	SURCHARGED
960 minute winter	S6	660	184.851	0.043	2.5	0.0619	0.0000	OK
960 minute winter	S7	825	184.781	0.022	2.1	0.0317	0.0000	OK
960 minute winter	S8	825	184.354	0.024	2.1	0.0341	0.0000	OK
960 minute winter	S9	825	184.163	0.038	2.1	0.0542	0.0000	OK
960 minute winter	S10	495	184.142	0.029	4.1	0.0532	0.0000	OK
960 minute winter	S11	450	186.415	0.015	0.3	0.0243	0.0000	OK
960 minute winter	S12	510	186.203	0.027	0.9	0.0404	0.0000	OK
960 minute winter	S13	555	186.013	0.020	1.5	0.0295	0.0000	OK
960 minute winter	S14	495	185.208	0.033	2.1	0.0514	0.0000	OK
960 minute winter	S15	495	184.895	0.028	2.8	0.0434	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
960 minute winter	S2	1.012	J12	2.3	0.462	0.077	0.0075	
960 minute winter	S3	1.019	J18	3.2	0.707	0.060	0.0240	
960 minute winter	S4	1.022	BASIN 1	5.4	0.911	0.032	0.6863	
960 minute winter	S5	1.024	SWALE 1	2.5	0.335	0.029	0.1491	
960 minute winter	S6	1.026	BASIN 2	2.5	0.408	0.028	0.0384	
960 minute winter	S7	1.028	SWALE 2	2.1	0.459	0.007	0.0781	
960 minute winter	S8	1.030	S9	2.1	0.487	0.008	0.0521	
960 minute winter	S9	1.031	S10	2.1	0.497	0.025	0.0294	
960 minute winter	S10	1.032	SWALE 3	4.1	0.705	0.012	0.0258	
960 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038	
960 minute winter	S12	32.003	J30	0.9	0.395	0.067	0.0116	
960 minute winter	S13	32.007	J33	1.5	0.898	0.015	0.0221	
960 minute winter	S14	32.009	J34	2.1	0.529	0.041	0.0208	
960 minute winter	S15	32.013	J37	2.8	1.029	0.030	0.0254	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	495	184.509	0.022	3.3	0.0330	0.0000	OK
960 minute winter	S17	570	186.168	0.018	0.4	0.0286	0.0000	OK
960 minute winter	S18	570	185.856	0.032	1.1	0.0469	0.0000	OK
960 minute winter	S19	570	185.803	0.037	1.7	0.0536	0.0000	OK
960 minute winter	S20	510	184.655	0.013	0.2	0.0145	0.0000	OK
960 minute winter	S21	510	184.431	0.022	0.6	0.0291	0.0000	OK
960 minute winter	S22	510	184.264	0.033	1.2	0.0427	0.0000	OK
960 minute winter	S23	510	184.239	0.041	1.7	0.0527	0.0000	OK
960 minute winter	S24	510	184.072	0.055	3.4	0.0729	0.0000	OK
960 minute winter	S25	510	184.025	0.055	3.9	0.0762	0.0000	OK
960 minute winter	S26	480	185.391	0.013	0.4	0.0199	0.0000	OK
960 minute winter	FC1	555	188.272	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC2	570	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S16	32.015	J38	3.3	0.660	0.010	0.0122	
960 minute winter	S17	23.001	J20	0.4	0.426	0.067	0.0067	
960 minute winter	S18	23.006	J24	1.1	0.325	0.034	0.0062	
960 minute winter	S19	23.010	J27	1.7	0.385	0.057	0.0393	
960 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
960 minute winter	S21	48.004	J43	0.6	0.341	0.045	0.0090	
960 minute winter	S22	48.008	J46	1.2	0.331	0.038	0.0088	
960 minute winter	S23	48.011	J48	1.7	0.363	0.055	0.0053	
960 minute winter	S24	48.018	J56	3.4	0.388	0.064	0.0371	
960 minute winter	S25	48.021	BASIN 4	3.9	0.497	0.073	0.0302	
960 minute winter	S26	65.001	J54	0.4	0.457	0.039	0.0076	
960 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
960 minute winter	FC1	Infiltration		0.0				0.0
960 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
960 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC3	510	188.252	0.051	0.2	0.0695	0.0000	OK
960 minute winter	FC4	555	188.222	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC5	360	188.022	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC6	450	187.872	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC7	585	187.772	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC8	435	187.772	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC9	390	187.492	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC10	510	187.521	0.051	0.2	0.0691	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
960 minute winter	FC3	Infiltration		0.0				0.0
960 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
960 minute winter	FC4	Infiltration		0.0				0.0
960 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
960 minute winter	FC5	Infiltration		0.0				0.0
960 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
960 minute winter	FC6	Infiltration		0.0				0.0
960 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
960 minute winter	FC7	Infiltration		0.0				0.0
960 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
960 minute winter	FC8	Infiltration		0.0				0.0
960 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
960 minute winter	FC9	Infiltration		0.0				0.0
960 minute winter	FC10	11.000	J10	0.2	0.375	0.030	0.0033	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC11	450	187.342	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC12	360	187.252	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC13	510	187.022	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC14	570	186.922	0.022	0.1	0.2805	0.0000	OK
960 minute winter	FC15	420	187.222	0.022	0.1	0.0274	0.0000	OK
960 minute winter	FC16	450	186.922	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC17	570	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC10	Infiltration		0.0				0.0
960 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
960 minute winter	FC11	Infiltration		0.0				0.0
960 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
960 minute winter	FC12	Infiltration		0.0				0.0
960 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
960 minute winter	FC13	Infiltration		0.0				0.0
960 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
960 minute winter	FC14	Infiltration		0.0				0.0
960 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
960 minute winter	FC15	Infiltration		0.0				0.0
960 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
960 minute winter	FC16	Infiltration		0.0				0.0
960 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
960 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC18	525	186.572	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC19	450	186.422	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC20	390	186.972	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC21	585	186.322	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC22	615	186.472	0.022	0.1	0.2129	0.0000	OK
960 minute winter	FC23	495	186.322	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC24	540	186.322	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC25	390	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
960 minute winter	FC18	Infiltration		0.0				0.0
960 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
960 minute winter	FC19	Infiltration		0.0				0.0
960 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
960 minute winter	FC20	Infiltration		0.0				0.0
960 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
960 minute winter	FC21	Infiltration		0.0				0.0
960 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
960 minute winter	FC22	Infiltration		0.0				0.0
960 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
960 minute winter	FC23	Infiltration		0.0				0.0
960 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
960 minute winter	FC24	Infiltration		0.0				0.0
960 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC26	525	186.472	0.022	0.1	0.2216	0.0000	OK
960 minute winter	FC27	435	186.522	0.022	0.1	0.0273	0.0000	OK
960 minute winter	FC28	390	186.522	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC29	390	186.522	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC30	555	186.772	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC31	480	186.472	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC32	510	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC25	Infiltration		0.0				0.0
960 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
960 minute winter	FC26	Infiltration		0.0				0.0
960 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
960 minute winter	FC27	Infiltration		0.0				0.0
960 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
960 minute winter	FC28	Infiltration		0.0				0.0
960 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
960 minute winter	FC29	Infiltration		0.0				0.0
960 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
960 minute winter	FC30	Infiltration		0.0				0.0
960 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
960 minute winter	FC31	Infiltration		0.0				0.0
960 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
960 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC33	600	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC34	585	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC35	420	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC36	390	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC37	510	185.850	0.050	0.2	0.0677	0.0000	OK
960 minute winter	FC38	555	185.472	0.022	0.1	0.2638	0.0000	OK
960 minute winter	FC39	495	185.472	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC40	390	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
960 minute winter	FC33	Infiltration		0.0				0.0
960 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
960 minute winter	FC34	Infiltration		0.0				0.0
960 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
960 minute winter	FC35	Infiltration		0.0				0.0
960 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
960 minute winter	FC36	Infiltration		0.0				0.0
960 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
960 minute winter	FC37	Infiltration		0.0				0.0
960 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
960 minute winter	FC38	Infiltration		0.0				0.0
960 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
960 minute winter	FC39	Infiltration		0.0				0.0
960 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC41	450	184.872	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC42	585	184.622	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC43	615	184.622	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC44	375	184.607	0.007	0.1	0.0088	0.0000	OK
960 minute winter	FC45	495	184.622	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC46	510	184.752	0.052	0.2	0.0700	0.0000	OK
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	525	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC40	Infiltration		0.0				0.0
960 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
960 minute winter	FC41	Infiltration		0.0				0.0
960 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
960 minute winter	FC42	Infiltration		0.0				0.0
960 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
960 minute winter	FC43	Infiltration		0.0				0.0
960 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
960 minute winter	FC44	Infiltration		0.0				0.0
960 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
960 minute winter	FC45	Infiltration		0.0				0.0
960 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
960 minute winter	FC46	Infiltration		0.0				0.0
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
960 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC49	480	184.822	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC50	390	184.822	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC51	585	184.872	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC52	450	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC53	525	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC54	495	185.272	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC55	525	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC48	Infiltration		0.0				0.0
960 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
960 minute winter	FC49	Infiltration		0.0				0.0
960 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
960 minute winter	FC50	Infiltration		0.0				0.0
960 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
960 minute winter	FC51	Infiltration		0.0				0.0
960 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
960 minute winter	FC52	Infiltration		0.0				0.0
960 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
960 minute winter	FC53	Infiltration		0.0				0.0
960 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
960 minute winter	FC54	Infiltration		0.0				0.0
960 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
960 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC56	420	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC57	555	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC58	615	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC59	585	185.372	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC60	405	185.372	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC61	570	185.322	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC62	510	185.300	0.050	0.2	0.0680	0.0000	OK
960 minute winter	FC63	510	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
960 minute winter	FC56	Infiltration		0.0				0.0
960 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
960 minute winter	FC57	Infiltration		0.0				0.0
960 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
960 minute winter	FC58	Infiltration		0.0				0.0
960 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
960 minute winter	FC59	Infiltration		0.0				0.0
960 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
960 minute winter	FC60	Infiltration		0.0				0.0
960 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
960 minute winter	FC61	Infiltration		0.0				0.0
960 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
960 minute winter	FC62	Infiltration		0.0				0.0
960 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC64	540	185.172	0.022	0.1	0.0275	0.0000	OK
960 minute winter	FC65	585	185.172	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC66	390	185.022	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC67	510	184.822	0.022	0.1	0.2262	0.0000	OK
960 minute winter	FC68	510	184.572	0.022	0.1	0.0275	0.0000	OK
960 minute winter	J1	465	188.217	0.017	0.5	0.0252	0.0000	OK
960 minute winter	J2	510	188.081	0.025	0.6	0.0282	0.0000	OK
960 minute winter	J3	510	188.075	0.025	0.8	0.0287	0.0000	OK
960 minute winter	J4	510	188.057	0.018	0.9	0.0198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC63	Infiltration		0.0				0.0
960 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
960 minute winter	FC64	Infiltration		0.0				0.0
960 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0014	
960 minute winter	FC65	Infiltration		0.0				0.0
960 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
960 minute winter	FC66	Infiltration		0.0				0.0
960 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
960 minute winter	FC67	Infiltration		0.0				0.0
960 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
960 minute winter	FC68	Infiltration		0.0				0.0
960 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
960 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0020	
960 minute winter	J3	1.003	J4	0.8	0.520	0.060	0.0030	
960 minute winter	J4	1.004	J5	0.9	0.811	0.026	0.0039	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J5	510	187.927	0.017	1.0	0.0190	0.0000	OK
960 minute winter	J6	510	187.672	0.022	1.1	0.0246	0.0000	OK
960 minute winter	J7	510	187.553	0.028	1.2	0.0319	0.0000	OK
960 minute winter	J8	510	187.540	0.019	1.3	0.0215	0.0000	OK
960 minute winter	J9	510	187.306	0.031	1.4	0.0346	0.0000	OK
960 minute winter	J10	510	187.288	0.018	1.6	0.0200	0.0000	OK
960 minute winter	J11	510	187.146	0.025	1.7	0.0285	0.0000	OK
960 minute winter	J12	510	186.839	0.030	2.4	0.0342	0.0000	OK
960 minute winter	J13	510	186.676	0.049	2.5	0.0551	0.0000	OK
960 minute winter	J14	510	186.669	0.047	2.6	0.0535	0.0000	OK
960 minute winter	J15	510	186.660	0.043	2.7	0.0491	0.0000	OK
960 minute winter	J16	510	186.636	0.031	2.8	0.0353	0.0000	OK
960 minute winter	J17	510	186.304	0.021	2.9	0.0233	0.0000	OK
960 minute winter	J18	510	186.149	0.024	3.3	0.0266	0.0000	OK
960 minute winter	J19	510	186.078	0.051	3.4	0.0579	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J5	1.005	J6	1.0	0.758	0.026	0.0075	
960 minute winter	J6	1.006	J7	1.1	0.737	0.039	0.0029	
960 minute winter	J7	1.007	J8	1.2	0.545	0.039	0.0025	
960 minute winter	J8	1.008	J9	1.3	0.549	0.015	0.0204	
960 minute winter	J9	1.009	J10	1.4	0.631	0.043	0.0028	
960 minute winter	J10	1.010	J11	1.6	0.839	0.012	0.0047	
960 minute winter	J11	1.011	S2	1.7	0.440	0.026	0.0212	
960 minute winter	J12	1.013	J13	2.4	0.780	0.036	0.0199	
960 minute winter	J13	1.014	J14	2.5	0.345	0.044	0.0137	
960 minute winter	J14	1.015	J15	2.6	0.390	0.046	0.0128	
960 minute winter	J15	1.016	J16	2.7	0.538	0.051	0.0260	
960 minute winter	J16	1.017	J17	2.8	0.763	0.020	0.0123	
960 minute winter	J17	1.018	S3	2.9	0.684	0.009	0.0084	
960 minute winter	J18	1.020	J19	3.3	0.656	0.012	0.0078	
960 minute winter	J19	1.021	S4	3.4	0.481	0.062	0.0311	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J20	570	186.051	0.020	0.5	0.0230	0.0000	OK
960 minute winter	J21	570	186.031	0.022	0.6	0.0245	0.0000	OK
960 minute winter	J22	570	185.987	0.024	0.7	0.0274	0.0000	OK
960 minute winter	J23	570	185.968	0.025	0.8	0.0288	0.0000	OK
960 minute winter	J24	570	185.849	0.032	1.2	0.0357	0.0000	OK
960 minute winter	J25	570	185.829	0.033	1.3	0.0376	0.0000	OK
960 minute winter	J26	570	185.814	0.035	1.4	0.0398	0.0000	OK
960 minute winter	J27	570	185.775	0.039	1.8	0.0439	0.0000	OK
960 minute winter	J28	495	186.374	0.018	0.4	0.0199	0.0000	OK
960 minute winter	J29	525	186.291	0.020	0.5	0.0229	0.0000	OK
960 minute winter	J30	540	186.176	0.029	1.0	0.0327	0.0000	OK
960 minute winter	J31	510	186.074	0.030	1.1	0.0338	0.0000	OK
960 minute winter	J32	435	186.042	0.031	1.2	0.0346	0.0000	OK
960 minute winter	J33	510	185.555	0.020	1.7	0.0227	0.0000	OK
960 minute winter	J34	495	185.163	0.038	2.2	0.0430	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J20	23.002	J21	0.5	0.335	0.037	0.0056	
960 minute winter	J21	23.003	J22	0.6	0.354	0.045	0.0136	
960 minute winter	J22	23.004	J23	0.7	0.367	0.052	0.0069	
960 minute winter	J23	23.005	S18	0.8	0.413	0.060	0.0146	
960 minute winter	J24	23.007	J25	1.2	0.342	0.040	0.0217	
960 minute winter	J25	23.008	J26	1.3	0.343	0.043	0.0188	
960 minute winter	J26	23.009	S19	1.4	0.340	0.046	0.0153	
960 minute winter	J27	23.011	S4	1.8	0.436	0.060	0.0099	
960 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091	
960 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051	
960 minute winter	J30	32.004	J31	1.0	0.433	0.075	0.0115	
960 minute winter	J31	32.005	J32	1.1	0.348	0.037	0.0308	
960 minute winter	J32	32.006	S13	1.2	0.499	0.040	0.0130	
960 minute winter	J33	32.008	S14	1.7	0.672	0.016	0.0239	
960 minute winter	J34	32.010	J35	2.2	0.654	0.057	0.0307	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J35	495	185.100	0.025	2.3	0.0282	0.0000	OK
960 minute winter	J36	495	184.916	0.041	2.4	0.0460	0.0000	OK
960 minute winter	J37	495	184.544	0.044	2.9	0.0495	0.0000	OK
960 minute winter	J38	495	184.353	0.053	3.4	0.0596	0.0000	OK
960 minute winter	J39	495	184.324	0.050	3.5	0.0563	0.0000	OK
960 minute winter	J40	495	184.305	0.040	3.6	0.0455	0.0000	OK
960 minute winter	J41	510	184.610	0.013	0.2	0.0142	0.0000	OK
960 minute winter	J42	510	184.553	0.016	0.3	0.0176	0.0000	OK
960 minute winter	J43	510	184.405	0.025	0.7	0.0284	0.0000	OK
960 minute winter	J44	510	184.395	0.025	0.8	0.0283	0.0000	OK
960 minute winter	J45	510	184.348	0.028	0.9	0.0315	0.0000	OK
960 minute winter	J46	510	184.255	0.033	1.3	0.0378	0.0000	OK
960 minute winter	J47	510	184.245	0.038	1.4	0.0426	0.0000	OK
960 minute winter	J48	510	184.232	0.038	1.8	0.0433	0.0000	OK
960 minute winter	J49	510	184.213	0.044	1.9	0.0501	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J35	32.011	J36	2.3	0.644	0.026	0.0249	
960 minute winter	J36	32.012	S15	2.4	0.635	0.080	0.0091	
960 minute winter	J37	32.014	S16	2.9	0.702	0.052	0.0222	
960 minute winter	J38	32.016	J39	3.4	0.426	0.063	0.0862	
960 minute winter	J39	32.017	J40	3.5	0.530	0.064	0.0242	
960 minute winter	J40	32.018	S10	3.6	0.660	0.036	0.0522	
960 minute winter	J41	48.002	J42	0.2	0.298	0.034	0.0042	
960 minute winter	J42	48.003	S21	0.3	0.392	0.051	0.0063	
960 minute winter	J43	48.005	J44	0.7	0.362	0.050	0.0031	
960 minute winter	J44	48.006	J45	0.8	0.384	0.060	0.0183	
960 minute winter	J45	48.007	S22	0.9	0.419	0.066	0.0051	
960 minute winter	J46	48.009	J47	1.3	0.324	0.042	0.0169	
960 minute winter	J47	48.010	S23	1.4	0.303	0.046	0.0122	
960 minute winter	J48	48.012	J49	1.8	0.361	0.060	0.0371	
960 minute winter	J49	48.013	J50	1.9	0.357	0.062	0.0060	

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J50	510	184.207	0.042	2.0	0.0478	0.0000	OK
960 minute winter	J51	510	184.195	0.047	2.1	0.0529	0.0000	OK
960 minute winter	J52	510	184.189	0.045	2.3	0.0504	0.0000	OK
960 minute winter	J53	510	184.171	0.044	2.4	0.0500	0.0000	OK
960 minute winter	J54	495	185.149	0.020	0.5	0.0231	0.0000	OK
960 minute winter	J55	480	185.113	0.019	0.6	0.0219	0.0000	OK
960 minute winter	J56	510	184.061	0.054	3.5	0.0610	0.0000	OK
960 minute winter	J57	510	184.041	0.056	3.6	0.0629	0.0000	OK
960 minute winter	BASIN 1	660	185.445	0.520	5.6	53.0917	0.0000	SURCHARGED
960 minute winter	BASIN 2	825	184.838	0.538	2.5	54.2809	0.0000	OK
960 minute winter	BASIN 3	1200	182.984	-0.116	4.6	142.4524	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J50	48.014	J51	2.0	0.362	0.067	0.0281	
960 minute winter	J51	48.015	J52	2.1	0.371	0.068	0.0065	
960 minute winter	J52	48.016	J53	2.3	0.417	0.075	0.0269	
960 minute winter	J53	48.017	S24	2.4	0.474	0.080	0.0519	
960 minute winter	J54	65.002	J55	0.5	0.453	0.084	0.0040	
960 minute winter	J55	65.003	S24	0.6	0.572	0.079	0.0082	
960 minute winter	J56	48.019	J57	3.5	0.399	0.065	0.0797	
960 minute winter	J57	48.020	S25	3.6	0.404	0.066	0.0545	
960 minute winter	BASIN 1	1.023	S5	2.5	0.104	0.030	0.9418	
960 minute winter	BASIN 1	Infiltration		0.1				5.2
960 minute winter	BASIN 2	1.027	S7	2.1	0.470	0.025	0.0990	
960 minute winter	BASIN 2	71.000	BH1	0.4	0.410	0.065	0.1829	
960 minute winter	BASIN 2	Infiltration		0.0				0.0
960 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
960 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	BASIN 4	780	183.579	0.249	4.3	71.5842	0.0000	OK
960 minute winter	SWALE 1	660	184.919	0.045	2.5	0.0639	0.0000	OK
960 minute winter	SWALE 2	825	184.417	0.042	2.1	0.0603	0.0000	OK
960 minute winter	SWALE 3	495	184.042	0.047	4.1	0.0669	0.0000	OK
960 minute winter	BH1	825	184.838	0.761	0.4	3.0086	0.0000	OK
960 minute winter	BH2	15	183.083	0.000	0.0	0.0000	0.0000	OK
960 minute winter	BH3	780	183.579	0.260	0.6	2.8173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	BASIN 4	48.022	BH3	0.6	0.267	0.010	0.2900	
960 minute winter	BASIN 4	Infiltration		0.0				0.0
960 minute winter	SWALE 1	1.025	S6	2.5	0.341	0.030	0.2715	
960 minute winter	SWALE 2	1.029	S8	2.1	0.443	0.025	0.1239	
960 minute winter	SWALE 3	1.033	BASIN 3	4.1	0.539	0.033	0.3286	
960 minute winter	BH1	Infiltration		0.1				5.7
960 minute winter	BH2	Infiltration		0.0				0.0
960 minute winter	BH3	Infiltration		0.2				9.5

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.383	0.013	0.3	0.0188	0.0000	OK
1440 minute summer	S2	750	187.086	0.047	2.6	0.0814	0.0000	OK
1440 minute summer	S3	750	186.186	0.048	3.6	0.0644	0.0000	OK
1440 minute summer	S4	900	185.424	0.046	6.2	0.0595	0.0000	OK
1440 minute summer	S5	900	185.424	0.514	2.4	0.7362	0.0000	SURCHARGED
1440 minute summer	S6	900	184.851	0.043	2.4	0.0614	0.0000	OK
1440 minute summer	S7	1080	184.781	0.022	2.0	0.0311	0.0000	OK
1440 minute summer	S8	1080	184.353	0.023	2.0	0.0334	0.0000	OK
1440 minute summer	S9	1080	184.162	0.037	2.0	0.0532	0.0000	OK
1440 minute summer	S10	750	184.142	0.029	4.1	0.0532	0.0000	OK
1440 minute summer	S11	720	186.415	0.015	0.3	0.0243	0.0000	OK
1440 minute summer	S12	750	186.203	0.027	0.9	0.0404	0.0000	OK
1440 minute summer	S13	780	186.013	0.020	1.5	0.0295	0.0000	OK
1440 minute summer	S14	750	185.208	0.033	2.1	0.0514	0.0000	OK
1440 minute summer	S15	750	184.895	0.028	2.8	0.0434	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S1	1.000	J1	0.3	0.355	0.034	0.0070	
1440 minute summer	S2	1.012	J12	2.6	0.477	0.087	0.0082	
1440 minute summer	S3	1.019	J18	3.6	0.729	0.068	0.0261	
1440 minute summer	S4	1.022	BASIN 1	6.2	0.866	0.037	0.6466	
1440 minute summer	S5	1.024	SWALE 1	2.4	0.333	0.029	0.1469	
1440 minute summer	S6	1.026	BASIN 2	2.4	0.405	0.028	0.0371	
1440 minute summer	S7	1.028	SWALE 2	2.0	0.451	0.007	0.0761	
1440 minute summer	S8	1.030	S9	2.0	0.481	0.008	0.0506	
1440 minute summer	S9	1.031	S10	2.0	0.491	0.024	0.0286	
1440 minute summer	S10	1.032	SWALE 3	4.1	0.705	0.012	0.0258	
1440 minute summer	S11	32.000	J28	0.3	0.355	0.050	0.0038	
1440 minute summer	S12	32.003	J30	0.9	0.395	0.067	0.0116	
1440 minute summer	S13	32.007	J33	1.5	0.895	0.015	0.0221	
1440 minute summer	S14	32.009	J34	2.1	0.529	0.041	0.0208	
1440 minute summer	S15	32.013	J37	2.8	1.029	0.030	0.0254	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.509	0.022	3.3	0.0330	0.0000	OK
1440 minute summer	S17	750	186.170	0.020	0.5	0.0319	0.0000	OK
1440 minute summer	S18	750	185.859	0.035	1.3	0.0511	0.0000	OK
1440 minute summer	S19	750	185.806	0.040	2.0	0.0583	0.0000	OK
1440 minute summer	S20	750	184.655	0.013	0.2	0.0145	0.0000	OK
1440 minute summer	S21	750	184.431	0.022	0.6	0.0291	0.0000	OK
1440 minute summer	S22	750	184.264	0.033	1.2	0.0426	0.0000	OK
1440 minute summer	S23	750	184.239	0.041	1.7	0.0526	0.0000	OK
1440 minute summer	S24	750	184.072	0.055	3.4	0.0729	0.0000	OK
1440 minute summer	S25	750	184.025	0.055	3.9	0.0761	0.0000	OK
1440 minute summer	S26	750	185.391	0.013	0.4	0.0199	0.0000	OK
1440 minute summer	FC1	780	188.272	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC2	630	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S16	32.015	J38	3.3	0.660	0.010	0.0122	
1440 minute summer	S17	23.001	J20	0.5	0.455	0.084	0.0079	
1440 minute summer	S18	23.006	J24	1.3	0.340	0.041	0.0070	
1440 minute summer	S19	23.010	J27	2.0	0.403	0.067	0.0442	
1440 minute summer	S20	48.001	J41	0.2	0.347	0.033	0.0027	
1440 minute summer	S21	48.004	J43	0.6	0.341	0.045	0.0090	
1440 minute summer	S22	48.008	J46	1.2	0.331	0.038	0.0088	
1440 minute summer	S23	48.011	J48	1.7	0.363	0.055	0.0053	
1440 minute summer	S24	48.018	J56	3.4	0.388	0.063	0.0371	
1440 minute summer	S25	48.021	BASIN 4	3.9	0.497	0.073	0.0302	
1440 minute summer	S26	65.001	J54	0.4	0.457	0.039	0.0076	
1440 minute summer	FC1	2.000	J1	0.1	0.210	0.016	0.0035	
1440 minute summer	FC1	Infiltration		0.0				0.0
1440 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
1440 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC3	750	188.251	0.051	0.2	0.0692	0.0000	OK
1440 minute summer	FC4	840	188.222	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC5	660	188.022	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC6	840	187.872	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC7	720	187.772	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC8	690	187.772	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC9	840	187.492	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC10	750	187.521	0.051	0.2	0.0688	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
1440 minute summer	FC3	Infiltration		0.0				0.0
1440 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
1440 minute summer	FC4	Infiltration		0.0				0.0
1440 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
1440 minute summer	FC5	Infiltration		0.0				0.0
1440 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
1440 minute summer	FC6	Infiltration		0.0				0.0
1440 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
1440 minute summer	FC7	Infiltration		0.0				0.0
1440 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
1440 minute summer	FC8	Infiltration		0.0				0.0
1440 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
1440 minute summer	FC9	Infiltration		0.0				0.0
1440 minute summer	FC10	11.000	J10	0.2	0.375	0.030	0.0033	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC11	660	187.342	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC12	840	187.252	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC13	720	187.022	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC14	870	186.922	0.022	0.1	0.2805	0.0000	OK
1440 minute summer	FC15	690	187.222	0.022	0.1	0.0274	0.0000	OK
1440 minute summer	FC16	660	186.922	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC17	690	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC10	Infiltration		0.0				0.0
1440 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
1440 minute summer	FC11	Infiltration		0.0				0.0
1440 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
1440 minute summer	FC12	Infiltration		0.0				0.0
1440 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
1440 minute summer	FC13	Infiltration		0.0				0.0
1440 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
1440 minute summer	FC14	Infiltration		0.0				0.0
1440 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
1440 minute summer	FC15	Infiltration		0.0				0.0
1440 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
1440 minute summer	FC16	Infiltration		0.0				0.0
1440 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
1440 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC18	810	186.572	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC19	750	186.422	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC20	660	186.972	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC21	720	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC22	840	186.472	0.022	0.1	0.2128	0.0000	OK
1440 minute summer	FC23	750	186.322	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC24	690	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC25	660	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
1440 minute summer	FC18	Infiltration		0.0				0.0
1440 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
1440 minute summer	FC19	Infiltration		0.0				0.0
1440 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
1440 minute summer	FC20	Infiltration		0.0				0.0
1440 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
1440 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
1440 minute summer	FC22	Infiltration		0.0				0.0
1440 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
1440 minute summer	FC23	Infiltration		0.0				0.0
1440 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
1440 minute summer	FC24	Infiltration		0.0				0.0
1440 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	810	186.472	0.022	0.1	0.2216	0.0000	OK
1440 minute summer	FC27	690	186.522	0.022	0.1	0.0273	0.0000	OK
1440 minute summer	FC28	660	186.522	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC29	660	186.522	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC30	810	186.772	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC31	690	186.472	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC32	780	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
1440 minute summer	FC26	Infiltration		0.0				0.0
1440 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
1440 minute summer	FC27	Infiltration		0.0				0.0
1440 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
1440 minute summer	FC28	Infiltration		0.0				0.0
1440 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
1440 minute summer	FC29	Infiltration		0.0				0.0
1440 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
1440 minute summer	FC30	Infiltration		0.0				0.0
1440 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
1440 minute summer	FC31	Infiltration		0.0				0.0
1440 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
1440 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC33	870	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC34	780	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC35	690	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC36	660	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC37	750	185.850	0.050	0.2	0.0674	0.0000	OK
1440 minute summer	FC38	780	185.472	0.022	0.1	0.2638	0.0000	OK
1440 minute summer	FC39	840	185.472	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC40	660	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
1440 minute summer	FC33	Infiltration		0.0				0.0
1440 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
1440 minute summer	FC34	Infiltration		0.0				0.0
1440 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
1440 minute summer	FC35	Infiltration		0.0				0.0
1440 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
1440 minute summer	FC36	Infiltration		0.0				0.0
1440 minute summer	FC37	39.000	J33	0.2	0.459	0.022	0.0029	
1440 minute summer	FC37	Infiltration		0.0				0.0
1440 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
1440 minute summer	FC38	Infiltration		0.0				0.0
1440 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
1440 minute summer	FC39	Infiltration		0.0				0.0
1440 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC41	660	184.872	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC42	780	184.622	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC43	780	184.622	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC44	660	184.607	0.007	0.1	0.0088	0.0000	OK
1440 minute summer	FC45	720	184.622	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC46	750	184.752	0.052	0.2	0.0696	0.0000	OK
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	660	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC40	Infiltration		0.0				0.0
1440 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
1440 minute summer	FC41	Infiltration		0.0				0.0
1440 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
1440 minute summer	FC42	Infiltration		0.0				0.0
1440 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
1440 minute summer	FC43	Infiltration		0.0				0.0
1440 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
1440 minute summer	FC44	Infiltration		0.0				0.0
1440 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
1440 minute summer	FC45	Infiltration		0.0				0.0
1440 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
1440 minute summer	FC46	Infiltration		0.0				0.0
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
1440 minute summer	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC49	810	184.822	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC50	840	184.822	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC51	780	184.872	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC52	630	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC53	840	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC54	660	185.272	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC55	750	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC48	Infiltration		0.0				0.0
1440 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
1440 minute summer	FC49	Infiltration		0.0				0.0
1440 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
1440 minute summer	FC50	Infiltration		0.0				0.0
1440 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
1440 minute summer	FC51	Infiltration		0.0				0.0
1440 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
1440 minute summer	FC52	Infiltration		0.0				0.0
1440 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
1440 minute summer	FC53	Infiltration		0.0				0.0
1440 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
1440 minute summer	FC54	Infiltration		0.0				0.0
1440 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
1440 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC56	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC57	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC58	720	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC59	750	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC60	840	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC61	750	185.322	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC62	750	185.300	0.050	0.2	0.0677	0.0000	OK
1440 minute summer	FC63	810	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
1440 minute summer	FC56	Infiltration		0.0				0.0
1440 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
1440 minute summer	FC57	Infiltration		0.0				0.0
1440 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
1440 minute summer	FC58	Infiltration		0.0				0.0
1440 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
1440 minute summer	FC59	Infiltration		0.0				0.0
1440 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
1440 minute summer	FC60	Infiltration		0.0				0.0
1440 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
1440 minute summer	FC61	Infiltration		0.0				0.0
1440 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
1440 minute summer	FC62	Infiltration		0.0				0.0
1440 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC64	840	185.172	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	FC65	690	185.172	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC66	840	185.022	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC67	840	184.822	0.022	0.1	0.2262	0.0000	OK
1440 minute summer	FC68	780	184.572	0.022	0.1	0.0275	0.0000	OK
1440 minute summer	J1	750	188.220	0.020	0.7	0.0299	0.0000	OK
1440 minute summer	J2	750	188.085	0.029	0.8	0.0325	0.0000	OK
1440 minute summer	J3	750	188.078	0.028	1.0	0.0319	0.0000	OK
1440 minute summer	J4	750	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC63	Infiltration		0.0				0.0
1440 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
1440 minute summer	FC64	Infiltration		0.0				0.0
1440 minute summer	FC65	67.000	J55	0.1	0.257	0.010	0.0014	
1440 minute summer	FC65	Infiltration		0.0				0.0
1440 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
1440 minute summer	FC66	Infiltration		0.0				0.0
1440 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
1440 minute summer	FC67	Infiltration		0.0				0.0
1440 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
1440 minute summer	FC68	Infiltration		0.0				0.0
1440 minute summer	J1	1.001	J2	0.7	0.630	0.084	0.0056	
1440 minute summer	J2	1.002	J3	0.8	0.348	0.060	0.0024	
1440 minute summer	J3	1.003	J4	1.0	0.559	0.075	0.0035	
1440 minute summer	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J5	750	187.928	0.018	1.2	0.0207	0.0000	OK
1440 minute summer	J6	750	187.674	0.024	1.3	0.0269	0.0000	OK
1440 minute summer	J7	750	187.555	0.030	1.4	0.0342	0.0000	OK
1440 minute summer	J8	750	187.541	0.020	1.5	0.0230	0.0000	OK
1440 minute summer	J9	750	187.308	0.033	1.6	0.0369	0.0000	OK
1440 minute summer	J10	750	187.289	0.019	1.8	0.0211	0.0000	OK
1440 minute summer	J11	750	187.148	0.027	1.9	0.0300	0.0000	OK
1440 minute summer	J12	750	186.841	0.032	2.7	0.0363	0.0000	OK
1440 minute summer	J13	750	186.679	0.052	2.8	0.0583	0.0000	OK
1440 minute summer	J14	750	186.672	0.050	2.9	0.0564	0.0000	OK
1440 minute summer	J15	750	186.663	0.046	3.0	0.0516	0.0000	OK
1440 minute summer	J16	750	186.638	0.033	3.1	0.0372	0.0000	OK
1440 minute summer	J17	750	186.305	0.022	3.2	0.0244	0.0000	OK
1440 minute summer	J18	750	186.150	0.025	3.7	0.0285	0.0000	OK
1440 minute summer	J19	750	186.081	0.054	3.8	0.0611	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J5	1.005	J6	1.2	0.801	0.031	0.0085	
1440 minute summer	J6	1.006	J7	1.3	0.771	0.046	0.0033	
1440 minute summer	J7	1.007	J8	1.4	0.574	0.046	0.0028	
1440 minute summer	J8	1.008	J9	1.5	0.574	0.017	0.0225	
1440 minute summer	J9	1.009	J10	1.6	0.654	0.049	0.0031	
1440 minute summer	J10	1.010	J11	1.8	0.872	0.014	0.0051	
1440 minute summer	J11	1.011	S2	1.9	0.451	0.029	0.0231	
1440 minute summer	J12	1.013	J13	2.7	0.806	0.040	0.0217	
1440 minute summer	J13	1.014	J14	2.8	0.356	0.049	0.0149	
1440 minute summer	J14	1.015	J15	2.9	0.403	0.051	0.0138	
1440 minute summer	J15	1.016	J16	3.0	0.555	0.056	0.0279	
1440 minute summer	J16	1.017	J17	3.1	0.785	0.022	0.0133	
1440 minute summer	J17	1.018	S3	3.2	0.699	0.010	0.0090	
1440 minute summer	J18	1.020	J19	3.7	0.675	0.013	0.0085	
1440 minute summer	J19	1.021	S4	3.8	0.496	0.069	0.0337	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	750	186.053	0.022	0.6	0.0253	0.0000	OK
1440 minute summer	J21	750	186.032	0.023	0.7	0.0265	0.0000	OK
1440 minute summer	J22	750	185.989	0.026	0.8	0.0294	0.0000	OK
1440 minute summer	J23	750	185.969	0.027	0.9	0.0305	0.0000	OK
1440 minute summer	J24	750	185.851	0.034	1.4	0.0386	0.0000	OK
1440 minute summer	J25	750	185.832	0.036	1.5	0.0405	0.0000	OK
1440 minute summer	J26	750	185.817	0.038	1.6	0.0429	0.0000	OK
1440 minute summer	J27	750	185.778	0.042	2.1	0.0475	0.0000	OK
1440 minute summer	J28	750	186.374	0.018	0.4	0.0199	0.0000	OK
1440 minute summer	J29	750	186.291	0.020	0.5	0.0229	0.0000	OK
1440 minute summer	J30	780	186.176	0.029	1.0	0.0327	0.0000	OK
1440 minute summer	J31	750	186.074	0.030	1.1	0.0338	0.0000	OK
1440 minute summer	J32	780	186.042	0.031	1.2	0.0346	0.0000	OK
1440 minute summer	J33	750	185.555	0.020	1.7	0.0227	0.0000	OK
1440 minute summer	J34	750	185.163	0.038	2.2	0.0430	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	0.6	0.355	0.044	0.0064	
1440 minute summer	J21	23.003	J22	0.7	0.370	0.052	0.0152	
1440 minute summer	J22	23.004	J23	0.8	0.382	0.059	0.0075	
1440 minute summer	J23	23.005	S18	0.9	0.426	0.067	0.0158	
1440 minute summer	J24	23.007	J25	1.4	0.357	0.046	0.0242	
1440 minute summer	J25	23.008	J26	1.5	0.354	0.050	0.0210	
1440 minute summer	J26	23.009	S19	1.6	0.346	0.052	0.0171	
1440 minute summer	J27	23.011	S4	2.1	0.454	0.070	0.0111	
1440 minute summer	J28	32.001	J29	0.4	0.389	0.068	0.0091	
1440 minute summer	J29	32.002	S12	0.5	0.452	0.084	0.0051	
1440 minute summer	J30	32.004	J31	1.0	0.433	0.075	0.0115	
1440 minute summer	J31	32.005	J32	1.1	0.348	0.037	0.0308	
1440 minute summer	J32	32.006	S13	1.2	0.499	0.040	0.0130	
1440 minute summer	J33	32.008	S14	1.7	0.662	0.016	0.0239	
1440 minute summer	J34	32.010	J35	2.2	0.654	0.057	0.0307	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J35	750	185.100	0.025	2.3	0.0282	0.0000	OK
1440 minute summer	J36	750	184.916	0.041	2.4	0.0460	0.0000	OK
1440 minute summer	J37	750	184.544	0.044	2.9	0.0495	0.0000	OK
1440 minute summer	J38	750	184.353	0.053	3.4	0.0596	0.0000	OK
1440 minute summer	J39	750	184.324	0.050	3.5	0.0563	0.0000	OK
1440 minute summer	J40	750	184.305	0.040	3.6	0.0455	0.0000	OK
1440 minute summer	J41	750	184.610	0.013	0.2	0.0142	0.0000	OK
1440 minute summer	J42	750	184.553	0.016	0.3	0.0176	0.0000	OK
1440 minute summer	J43	750	184.405	0.025	0.7	0.0284	0.0000	OK
1440 minute summer	J44	750	184.395	0.025	0.8	0.0283	0.0000	OK
1440 minute summer	J45	750	184.348	0.028	0.9	0.0314	0.0000	OK
1440 minute summer	J46	750	184.255	0.033	1.3	0.0378	0.0000	OK
1440 minute summer	J47	750	184.245	0.038	1.4	0.0426	0.0000	OK
1440 minute summer	J48	750	184.232	0.038	1.8	0.0433	0.0000	OK
1440 minute summer	J49	750	184.213	0.044	1.9	0.0501	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J35	32.011	J36	2.3	0.644	0.026	0.0249	
1440 minute summer	J36	32.012	S15	2.4	0.635	0.080	0.0091	
1440 minute summer	J37	32.014	S16	2.9	0.702	0.052	0.0222	
1440 minute summer	J38	32.016	J39	3.4	0.426	0.063	0.0862	
1440 minute summer	J39	32.017	J40	3.5	0.530	0.064	0.0242	
1440 minute summer	J40	32.018	S10	3.6	0.660	0.036	0.0522	
1440 minute summer	J41	48.002	J42	0.2	0.298	0.034	0.0042	
1440 minute summer	J42	48.003	S21	0.3	0.391	0.051	0.0062	
1440 minute summer	J43	48.005	J44	0.7	0.362	0.050	0.0031	
1440 minute summer	J44	48.006	J45	0.8	0.384	0.060	0.0183	
1440 minute summer	J45	48.007	S22	0.9	0.419	0.066	0.0051	
1440 minute summer	J46	48.009	J47	1.3	0.324	0.042	0.0169	
1440 minute summer	J47	48.010	S23	1.4	0.302	0.046	0.0122	
1440 minute summer	J48	48.012	J49	1.8	0.361	0.060	0.0371	
1440 minute summer	J49	48.013	J50	1.9	0.357	0.062	0.0060	

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J50	750	184.207	0.042	2.0	0.0478	0.0000	OK
1440 minute summer	J51	750	184.195	0.047	2.1	0.0528	0.0000	OK
1440 minute summer	J52	750	184.189	0.045	2.3	0.0503	0.0000	OK
1440 minute summer	J53	750	184.171	0.044	2.4	0.0500	0.0000	OK
1440 minute summer	J54	750	185.149	0.020	0.5	0.0231	0.0000	OK
1440 minute summer	J55	750	185.113	0.019	0.6	0.0219	0.0000	OK
1440 minute summer	J56	750	184.061	0.054	3.5	0.0609	0.0000	OK
1440 minute summer	J57	750	184.041	0.056	3.6	0.0629	0.0000	OK
1440 minute summer	BASIN 1	900	185.425	0.499	6.4	50.4538	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1080	184.837	0.537	2.5	54.1902	0.0000	OK
1440 minute summer	BASIN 3	1680	182.978	-0.122	4.7	140.1334	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J50	48.014	J51	2.0	0.361	0.067	0.0281	
1440 minute summer	J51	48.015	J52	2.1	0.370	0.068	0.0065	
1440 minute summer	J52	48.016	J53	2.3	0.417	0.075	0.0269	
1440 minute summer	J53	48.017	S24	2.4	0.474	0.079	0.0519	
1440 minute summer	J54	65.002	J55	0.5	0.453	0.084	0.0040	
1440 minute summer	J55	65.003	S24	0.6	0.572	0.079	0.0082	
1440 minute summer	J56	48.019	J57	3.5	0.399	0.064	0.0797	
1440 minute summer	J57	48.020	S25	3.6	0.404	0.066	0.0545	
1440 minute summer	BASIN 1	1.023	S5	2.4	0.123	0.029	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				5.2
1440 minute summer	BASIN 2	1.027	S7	2.0	0.463	0.024	0.0963	
1440 minute summer	BASIN 2	71.000	BH1	0.4	0.276	0.068	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
1440 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
1440 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	BASIN 4	1050	183.563	0.233	4.3	66.9940	0.0000	OK
1440 minute summer	SWALE 1	900	184.918	0.044	2.4	0.0633	0.0000	OK
1440 minute summer	SWALE 2	1080	184.416	0.041	2.0	0.0593	0.0000	OK
1440 minute summer	SWALE 3	750	184.042	0.047	4.1	0.0669	0.0000	OK
1440 minute summer	BH1	1080	184.837	0.760	0.4	3.0064	0.0000	OK
1440 minute summer	BH2	30	183.083	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	BH3	1050	183.563	0.244	0.5	2.7452	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	BASIN 4	48.022	BH3	0.5	0.232	0.009	0.2739	
1440 minute summer	BASIN 4	Infiltration		0.0				0.0
1440 minute summer	SWALE 1	1.025	S6	2.4	0.339	0.029	0.2677	
1440 minute summer	SWALE 2	1.029	S8	2.0	0.436	0.024	0.1208	
1440 minute summer	SWALE 3	1.033	BASIN 3	4.1	0.539	0.033	0.3286	
1440 minute summer	BH1	Infiltration		0.1				7.4
1440 minute summer	BH2	Infiltration		0.0				0.0
1440 minute summer	BH3	Infiltration		0.2				12.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	690	188.381	0.011	0.2	0.0155	0.0000	OK
1440 minute winter	S2	750	187.080	0.041	2.0	0.0710	0.0000	OK
1440 minute winter	S3	750	186.181	0.044	2.9	0.0585	0.0000	OK
1440 minute winter	S4	810	185.413	0.035	4.8	0.0446	0.0000	OK
1440 minute winter	S5	930	185.408	0.498	2.4	0.7120	0.0000	SURCHARGED
1440 minute winter	S6	1020	184.851	0.043	2.4	0.0616	0.0000	OK
1440 minute winter	S7	1050	184.781	0.022	2.1	0.0318	0.0000	OK
1440 minute winter	S8	1050	184.354	0.024	2.1	0.0342	0.0000	OK
1440 minute winter	S9	1050	184.163	0.038	2.1	0.0543	0.0000	OK
1440 minute winter	S10	780	184.140	0.026	3.3	0.0482	0.0000	OK
1440 minute winter	S11	600	186.413	0.013	0.2	0.0201	0.0000	OK
1440 minute winter	S12	750	186.200	0.024	0.7	0.0354	0.0000	OK
1440 minute winter	S13	660	186.011	0.018	1.2	0.0265	0.0000	OK
1440 minute winter	S14	720	185.203	0.028	1.6	0.0446	0.0000	OK
1440 minute winter	S15	780	184.892	0.025	2.2	0.0386	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
1440 minute winter	S2	1.012	J12	2.0	0.447	0.067	0.0067	
1440 minute winter	S3	1.019	J18	2.9	0.690	0.054	0.0224	
1440 minute winter	S4	1.022	BASIN 1	4.8	0.866	0.029	0.6268	
1440 minute winter	S5	1.024	SWALE 1	2.4	0.331	0.028	0.1450	
1440 minute winter	S6	1.026	BASIN 2	2.4	0.402	0.027	0.0385	
1440 minute winter	S7	1.028	SWALE 2	2.1	0.461	0.007	0.0785	
1440 minute winter	S8	1.030	S9	2.1	0.488	0.008	0.0523	
1440 minute winter	S9	1.031	S10	2.1	0.490	0.025	0.0295	
1440 minute winter	S10	1.032	SWALE 3	3.3	0.660	0.010	0.0222	
1440 minute winter	S11	32.000	J28	0.2	0.345	0.034	0.0030	
1440 minute winter	S12	32.003	J30	0.7	0.366	0.052	0.0097	
1440 minute winter	S13	32.007	J33	1.2	0.833	0.012	0.0187	
1440 minute winter	S14	32.009	J34	1.6	0.490	0.032	0.0172	
1440 minute winter	S15	32.013	J37	2.2	0.960	0.024	0.0214	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	780	184.506	0.019	2.6	0.0296	0.0000	OK
1440 minute winter	S17	840	186.166	0.016	0.3	0.0248	0.0000	OK
1440 minute winter	S18	840	185.853	0.029	0.9	0.0423	0.0000	OK
1440 minute winter	S19	840	185.800	0.034	1.4	0.0485	0.0000	OK
1440 minute winter	S20	570	184.651	0.009	0.1	0.0104	0.0000	OK
1440 minute winter	S21	750	184.429	0.020	0.5	0.0264	0.0000	OK
1440 minute winter	S22	780	184.262	0.031	1.1	0.0407	0.0000	OK
1440 minute winter	S23	720	184.238	0.040	1.6	0.0510	0.0000	OK
1440 minute winter	S24	720	184.069	0.052	3.0	0.0683	0.0000	OK
1440 minute winter	S25	780	184.022	0.052	3.4	0.0713	0.0000	OK
1440 minute winter	S26	690	185.389	0.012	0.3	0.0174	0.0000	OK
1440 minute winter	FC1	780	188.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC2	630	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S16	32.015	J38	2.6	0.616	0.008	0.0103	
1440 minute winter	S17	23.001	J20	0.3	0.393	0.051	0.0055	
1440 minute winter	S18	23.006	J24	0.9	0.307	0.028	0.0054	
1440 minute winter	S19	23.010	J27	1.4	0.364	0.047	0.0343	
1440 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
1440 minute winter	S21	48.004	J43	0.5	0.322	0.038	0.0079	
1440 minute winter	S22	48.008	J46	1.1	0.324	0.035	0.0083	
1440 minute winter	S23	48.011	J48	1.6	0.357	0.052	0.0050	
1440 minute winter	S24	48.018	J56	3.0	0.376	0.056	0.0339	
1440 minute winter	S25	48.021	BASIN 4	3.4	0.478	0.064	0.0274	
1440 minute winter	S26	65.001	J54	0.3	0.409	0.029	0.0063	
1440 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
1440 minute winter	FC1	Infiltration		0.0				0.0
1440 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
1440 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC3	960	188.222	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC4	750	188.222	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC5	600	188.022	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC6	750	187.872	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC7	780	187.772	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC8	870	187.772	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC9	840	187.492	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC10	870	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
1440 minute winter	FC3	Infiltration		0.0				0.0
1440 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
1440 minute winter	FC4	Infiltration		0.0				0.0
1440 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
1440 minute winter	FC5	Infiltration		0.0				0.0
1440 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
1440 minute winter	FC6	Infiltration		0.0				0.0
1440 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
1440 minute winter	FC7	Infiltration		0.0				0.0
1440 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
1440 minute winter	FC8	Infiltration		0.0				0.0
1440 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
1440 minute winter	FC9	Infiltration		0.0				0.0
1440 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC11	870	187.342	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC12	780	187.252	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC13	600	187.022	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC14	870	186.922	0.022	0.1	0.2805	0.0000	OK
1440 minute winter	FC15	690	187.222	0.022	0.1	0.0274	0.0000	OK
1440 minute winter	FC16	660	186.922	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC17	750	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC10	Infiltration		0.0				0.0
1440 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
1440 minute winter	FC11	Infiltration		0.0				0.0
1440 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
1440 minute winter	FC12	Infiltration		0.0				0.0
1440 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
1440 minute winter	FC13	Infiltration		0.0				0.0
1440 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
1440 minute winter	FC14	Infiltration		0.0				0.0
1440 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
1440 minute winter	FC15	Infiltration		0.0				0.0
1440 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
1440 minute winter	FC16	Infiltration		0.0				0.0
1440 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
1440 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC18	810	186.572	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC19	840	186.422	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC20	630	186.972	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC21	750	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC22	840	186.472	0.022	0.1	0.2128	0.0000	OK
1440 minute winter	FC23	660	186.322	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC24	870	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC25	630	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
1440 minute winter	FC18	Infiltration		0.0				0.0
1440 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
1440 minute winter	FC19	Infiltration		0.0				0.0
1440 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
1440 minute winter	FC20	Infiltration		0.0				0.0
1440 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
1440 minute winter	FC21	Infiltration		0.0				0.0
1440 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0023	
1440 minute winter	FC22	Infiltration		0.0				0.0
1440 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
1440 minute winter	FC23	Infiltration		0.0				0.0
1440 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
1440 minute winter	FC24	Infiltration		0.0				0.0
1440 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC26	810	186.472	0.022	0.1	0.2216	0.0000	OK
1440 minute winter	FC27	690	186.522	0.022	0.1	0.0273	0.0000	OK
1440 minute winter	FC28	630	186.522	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC29	630	186.522	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC30	630	186.772	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC31	780	186.472	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC32	660	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC25	Infiltration		0.0				0.0
1440 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
1440 minute winter	FC26	Infiltration		0.0				0.0
1440 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
1440 minute winter	FC27	Infiltration		0.0				0.0
1440 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
1440 minute winter	FC28	Infiltration		0.0				0.0
1440 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
1440 minute winter	FC29	Infiltration		0.0				0.0
1440 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
1440 minute winter	FC30	Infiltration		0.0				0.0
1440 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0022	
1440 minute winter	FC31	Infiltration		0.0				0.0
1440 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0024	
1440 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC33	720	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC34	840	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC35	660	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC36	630	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC37	510	185.822	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC38	840	185.472	0.022	0.1	0.2638	0.0000	OK
1440 minute winter	FC39	810	185.472	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC40	630	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
1440 minute winter	FC33	Infiltration		0.0				0.0
1440 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
1440 minute winter	FC34	Infiltration		0.0				0.0
1440 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
1440 minute winter	FC35	Infiltration		0.0				0.0
1440 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
1440 minute winter	FC36	Infiltration		0.0				0.0
1440 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
1440 minute winter	FC37	Infiltration		0.0				0.0
1440 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
1440 minute winter	FC38	Infiltration		0.0				0.0
1440 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
1440 minute winter	FC39	Infiltration		0.0				0.0
1440 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC41	900	184.872	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC42	630	184.622	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC43	870	184.622	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC44	660	184.607	0.007	0.1	0.0088	0.0000	OK
1440 minute winter	FC45	750	184.622	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC46	990	184.722	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	660	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC40	Infiltration		0.0				0.0
1440 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
1440 minute winter	FC41	Infiltration		0.0				0.0
1440 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
1440 minute winter	FC42	Infiltration		0.0				0.0
1440 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
1440 minute winter	FC43	Infiltration		0.0				0.0
1440 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
1440 minute winter	FC44	Infiltration		0.0				0.0
1440 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
1440 minute winter	FC45	Infiltration		0.0				0.0
1440 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
1440 minute winter	FC46	Infiltration		0.0				0.0
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
1440 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC49	870	184.822	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC50	660	184.822	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC51	780	184.872	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC52	840	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC53	630	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC54	660	185.272	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC55	750	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC48	Infiltration		0.0				0.0
1440 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
1440 minute winter	FC49	Infiltration		0.0				0.0
1440 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
1440 minute winter	FC50	Infiltration		0.0				0.0
1440 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
1440 minute winter	FC51	Infiltration		0.0				0.0
1440 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
1440 minute winter	FC52	Infiltration		0.0				0.0
1440 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
1440 minute winter	FC53	Infiltration		0.0				0.0
1440 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
1440 minute winter	FC54	Infiltration		0.0				0.0
1440 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
1440 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC56	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC57	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC58	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC59	840	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC60	780	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC61	780	185.322	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC62	510	185.272	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC63	780	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
1440 minute winter	FC56	Infiltration		0.0				0.0
1440 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
1440 minute winter	FC57	Infiltration		0.0				0.0
1440 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
1440 minute winter	FC58	Infiltration		0.0				0.0
1440 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
1440 minute winter	FC59	Infiltration		0.0				0.0
1440 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
1440 minute winter	FC60	Infiltration		0.0				0.0
1440 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
1440 minute winter	FC61	Infiltration		0.0				0.0
1440 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
1440 minute winter	FC62	Infiltration		0.0				0.0
1440 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC64	810	185.172	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC65	870	185.172	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC66	870	185.022	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC67	840	184.822	0.022	0.1	0.2262	0.0000	OK
1440 minute winter	FC68	660	184.572	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	J1	690	188.217	0.017	0.5	0.0252	0.0000	OK
1440 minute winter	J2	780	188.080	0.024	0.6	0.0276	0.0000	OK
1440 minute winter	J3	720	188.074	0.024	0.7	0.0269	0.0000	OK
1440 minute winter	J4	810	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC63	Infiltration		0.0				0.0
1440 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
1440 minute winter	FC64	Infiltration		0.0				0.0
1440 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0013	
1440 minute winter	FC65	Infiltration		0.0				0.0
1440 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
1440 minute winter	FC66	Infiltration		0.0				0.0
1440 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
1440 minute winter	FC67	Infiltration		0.0				0.0
1440 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
1440 minute winter	FC68	Infiltration		0.0				0.0
1440 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
1440 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0019	
1440 minute winter	J3	1.003	J4	0.7	0.498	0.053	0.0028	
1440 minute winter	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J5	690	187.926	0.016	0.9	0.0181	0.0000	OK
1440 minute winter	J6	780	187.671	0.021	1.0	0.0235	0.0000	OK
1440 minute winter	J7	690	187.552	0.027	1.1	0.0306	0.0000	OK
1440 minute winter	J8	810	187.539	0.018	1.2	0.0208	0.0000	OK
1440 minute winter	J9	780	187.305	0.030	1.3	0.0334	0.0000	OK
1440 minute winter	J10	720	187.287	0.017	1.4	0.0188	0.0000	OK
1440 minute winter	J11	780	187.145	0.024	1.5	0.0268	0.0000	OK
1440 minute winter	J12	720	186.837	0.028	2.1	0.0320	0.0000	OK
1440 minute winter	J13	720	186.673	0.046	2.2	0.0517	0.0000	OK
1440 minute winter	J14	690	186.667	0.045	2.3	0.0504	0.0000	OK
1440 minute winter	J15	810	186.658	0.041	2.4	0.0465	0.0000	OK
1440 minute winter	J16	690	186.635	0.029	2.5	0.0333	0.0000	OK
1440 minute winter	J17	690	186.303	0.020	2.6	0.0222	0.0000	OK
1440 minute winter	J18	690	186.147	0.022	3.0	0.0252	0.0000	OK
1440 minute winter	J19	690	186.076	0.049	3.1	0.0554	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J5	1.005	J6	0.9	0.733	0.024	0.0070	
1440 minute winter	J6	1.006	J7	1.0	0.719	0.035	0.0027	
1440 minute winter	J7	1.007	J8	1.1	0.529	0.036	0.0024	
1440 minute winter	J8	1.008	J9	1.2	0.534	0.013	0.0194	
1440 minute winter	J9	1.009	J10	1.3	0.616	0.039	0.0026	
1440 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043	
1440 minute winter	J11	1.011	S2	1.5	0.428	0.023	0.0192	
1440 minute winter	J12	1.013	J13	2.1	0.750	0.031	0.0181	
1440 minute winter	J13	1.014	J14	2.2	0.332	0.039	0.0126	
1440 minute winter	J14	1.015	J15	2.3	0.374	0.041	0.0118	
1440 minute winter	J15	1.016	J16	2.4	0.519	0.045	0.0239	
1440 minute winter	J16	1.017	J17	2.5	0.740	0.018	0.0114	
1440 minute winter	J17	1.018	S3	2.6	0.655	0.008	0.0078	
1440 minute winter	J18	1.020	J19	3.0	0.639	0.010	0.0073	
1440 minute winter	J19	1.021	S4	3.1	0.468	0.056	0.0292	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J20	840	186.049	0.018	0.4	0.0205	0.0000	OK
1440 minute winter	J21	840	186.029	0.020	0.5	0.0224	0.0000	OK
1440 minute winter	J22	840	185.985	0.022	0.6	0.0253	0.0000	OK
1440 minute winter	J23	840	185.966	0.024	0.7	0.0270	0.0000	OK
1440 minute winter	J24	840	185.846	0.029	1.0	0.0325	0.0000	OK
1440 minute winter	J25	840	185.827	0.030	1.1	0.0345	0.0000	OK
1440 minute winter	J26	840	185.811	0.032	1.2	0.0366	0.0000	OK
1440 minute winter	J27	840	185.772	0.036	1.5	0.0402	0.0000	OK
1440 minute winter	J28	720	186.371	0.015	0.3	0.0173	0.0000	OK
1440 minute winter	J29	690	186.289	0.018	0.4	0.0205	0.0000	OK
1440 minute winter	J30	660	186.173	0.026	0.8	0.0293	0.0000	OK
1440 minute winter	J31	660	186.071	0.027	0.9	0.0305	0.0000	OK
1440 minute winter	J32	660	186.039	0.028	1.0	0.0318	0.0000	OK
1440 minute winter	J33	780	185.553	0.018	1.3	0.0200	0.0000	OK
1440 minute winter	J34	780	185.159	0.034	1.7	0.0380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J20	23.002	J21	0.4	0.311	0.030	0.0049	
1440 minute winter	J21	23.003	J22	0.5	0.333	0.037	0.0120	
1440 minute winter	J22	23.004	J23	0.6	0.350	0.044	0.0062	
1440 minute winter	J23	23.005	S18	0.7	0.397	0.052	0.0132	
1440 minute winter	J24	23.007	J25	1.0	0.326	0.033	0.0190	
1440 minute winter	J25	23.008	J26	1.1	0.328	0.036	0.0166	
1440 minute winter	J26	23.009	S19	1.2	0.333	0.039	0.0133	
1440 minute winter	J27	23.011	S4	1.5	0.413	0.050	0.0087	
1440 minute winter	J28	32.001	J29	0.3	0.350	0.051	0.0076	
1440 minute winter	J29	32.002	S12	0.4	0.424	0.067	0.0044	
1440 minute winter	J30	32.004	J31	0.8	0.407	0.060	0.0098	
1440 minute winter	J31	32.005	J32	0.9	0.326	0.030	0.0269	
1440 minute winter	J32	32.006	S13	1.0	0.475	0.033	0.0114	
1440 minute winter	J33	32.008	S14	1.3	0.631	0.012	0.0196	
1440 minute winter	J34	32.010	J35	1.7	0.604	0.044	0.0257	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J35	780	185.097	0.022	1.8	0.0251	0.0000	OK
1440 minute winter	J36	780	184.911	0.036	1.9	0.0412	0.0000	OK
1440 minute winter	J37	780	184.540	0.039	2.3	0.0446	0.0000	OK
1440 minute winter	J38	780	184.347	0.047	2.7	0.0531	0.0000	OK
1440 minute winter	J39	780	184.319	0.045	2.8	0.0508	0.0000	OK
1440 minute winter	J40	780	184.301	0.036	2.9	0.0409	0.0000	OK
1440 minute winter	J41	510	184.606	0.009	0.1	0.0104	0.0000	OK
1440 minute winter	J42	720	184.550	0.013	0.2	0.0145	0.0000	OK
1440 minute winter	J43	750	184.403	0.023	0.6	0.0262	0.0000	OK
1440 minute winter	J44	750	184.393	0.023	0.7	0.0264	0.0000	OK
1440 minute winter	J45	780	184.346	0.026	0.8	0.0296	0.0000	OK
1440 minute winter	J46	720	184.254	0.032	1.2	0.0362	0.0000	OK
1440 minute winter	J47	750	184.243	0.036	1.3	0.0410	0.0000	OK
1440 minute winter	J48	720	184.231	0.037	1.7	0.0420	0.0000	OK
1440 minute winter	J49	720	184.212	0.043	1.8	0.0486	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J35	32.011	J36	1.8	0.595	0.020	0.0212	
1440 minute winter	J36	32.012	S15	1.9	0.592	0.063	0.0077	
1440 minute winter	J37	32.014	S16	2.3	0.649	0.042	0.0190	
1440 minute winter	J38	32.016	J39	2.7	0.397	0.050	0.0736	
1440 minute winter	J39	32.017	J40	2.8	0.494	0.051	0.0208	
1440 minute winter	J40	32.018	S10	2.9	0.619	0.029	0.0448	
1440 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
1440 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
1440 minute winter	J43	48.005	J44	0.6	0.348	0.043	0.0028	
1440 minute winter	J44	48.006	J45	0.7	0.369	0.052	0.0167	
1440 minute winter	J45	48.007	S22	0.8	0.406	0.059	0.0047	
1440 minute winter	J46	48.009	J47	1.2	0.318	0.039	0.0159	
1440 minute winter	J47	48.010	S23	1.3	0.295	0.043	0.0116	
1440 minute winter	J48	48.012	J49	1.7	0.357	0.057	0.0356	
1440 minute winter	J49	48.013	J50	1.8	0.353	0.059	0.0058	

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J50	780	184.206	0.041	1.9	0.0464	0.0000	OK
1440 minute winter	J51	780	184.193	0.045	2.0	0.0509	0.0000	OK
1440 minute winter	J52	780	184.187	0.042	2.1	0.0480	0.0000	OK
1440 minute winter	J53	720	184.169	0.042	2.2	0.0479	0.0000	OK
1440 minute winter	J54	840	185.147	0.018	0.4	0.0206	0.0000	OK
1440 minute winter	J55	660	185.112	0.018	0.5	0.0201	0.0000	OK
1440 minute winter	J56	750	184.058	0.051	3.1	0.0572	0.0000	OK
1440 minute winter	J57	780	184.037	0.052	3.2	0.0591	0.0000	OK
1440 minute winter	BASIN 1	930	185.408	0.483	4.9	48.2801	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1050	184.838	0.538	2.5	54.2969	0.0000	OK
1440 minute winter	BASIN 3	1680	183.005	-0.095	3.7	150.9029	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J50	48.014	J51	1.9	0.360	0.064	0.0268	
1440 minute winter	J51	48.015	J52	2.0	0.370	0.065	0.0061	
1440 minute winter	J52	48.016	J53	2.1	0.406	0.069	0.0252	
1440 minute winter	J53	48.017	S24	2.2	0.465	0.073	0.0487	
1440 minute winter	J54	65.002	J55	0.4	0.420	0.068	0.0035	
1440 minute winter	J55	65.003	S24	0.5	0.542	0.066	0.0072	
1440 minute winter	J56	48.019	J57	3.1	0.387	0.057	0.0728	
1440 minute winter	J57	48.020	S25	3.2	0.394	0.059	0.0496	
1440 minute winter	BASIN 1	1.023	S5	2.4	0.107	0.028	0.9418	
1440 minute winter	BASIN 1	Infiltration		0.1				5.6
1440 minute winter	BASIN 2	1.027	S7	2.1	0.471	0.025	0.0995	
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.280	0.067	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
1440 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
1440 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1110	183.586	0.256	3.7	73.7176	0.0000	OK
1440 minute winter	SWALE 1	930	184.918	0.044	2.4	0.0627	0.0000	OK
1440 minute winter	SWALE 2	1050	184.417	0.042	2.1	0.0604	0.0000	OK
1440 minute winter	SWALE 3	780	184.037	0.042	3.3	0.0605	0.0000	OK
1440 minute winter	BH1	1050	184.838	0.761	0.4	3.0090	0.0000	OK
1440 minute winter	BH2	30	183.083	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	BH3	1110	183.586	0.267	0.4	2.8507	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.4	0.243	0.007	0.2968	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
1440 minute winter	SWALE 1	1.025	S6	2.4	0.337	0.029	0.2644	
1440 minute winter	SWALE 2	1.029	S8	2.1	0.444	0.025	0.1244	
1440 minute winter	SWALE 3	1.033	BASIN 3	3.3	0.509	0.026	0.2804	
1440 minute winter	BH1	Infiltration		0.1				7.4
1440 minute winter	BH2	Infiltration		0.0				0.0
1440 minute winter	BH3	Infiltration		0.2				12.8

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S1	1080	188.381	0.011	0.2	0.0155	0.0000	OK
2160 minute summer	S2	1140	187.080	0.041	2.0	0.0710	0.0000	OK
2160 minute summer	S3	1140	186.181	0.044	2.9	0.0585	0.0000	OK
2160 minute summer	S4	1140	185.414	0.036	5.1	0.0459	0.0000	OK
2160 minute summer	S5	1320	185.409	0.499	2.4	0.7138	0.0000	SURCHARGED
2160 minute summer	S6	1380	184.851	0.043	2.4	0.0615	0.0000	OK
2160 minute summer	S7	1440	184.781	0.022	2.1	0.0318	0.0000	OK
2160 minute summer	S8	1440	184.354	0.024	2.1	0.0342	0.0000	OK
2160 minute summer	S9	1440	184.163	0.038	2.1	0.0544	0.0000	OK
2160 minute summer	S10	1140	184.141	0.028	3.6	0.0501	0.0000	OK
2160 minute summer	S11	1140	186.415	0.015	0.3	0.0243	0.0000	OK
2160 minute summer	S12	1140	186.203	0.027	0.9	0.0404	0.0000	OK
2160 minute summer	S13	1140	186.013	0.020	1.5	0.0295	0.0000	OK
2160 minute summer	S14	1140	185.206	0.031	1.9	0.0488	0.0000	OK
2160 minute summer	S15	1140	184.893	0.026	2.5	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S1	1.000	J1	0.2	0.307	0.023	0.0054	
2160 minute summer	S2	1.012	J12	2.0	0.447	0.067	0.0067	
2160 minute summer	S3	1.019	J18	2.9	0.690	0.054	0.0224	
2160 minute summer	S4	1.022	BASIN 1	5.1	0.811	0.030	0.6252	
2160 minute summer	S5	1.024	SWALE 1	2.4	0.331	0.028	0.1452	
2160 minute summer	S6	1.026	BASIN 2	2.4	0.403	0.027	0.0384	
2160 minute summer	S7	1.028	SWALE 2	2.1	0.461	0.007	0.0785	
2160 minute summer	S8	1.030	S9	2.1	0.489	0.008	0.0523	
2160 minute summer	S9	1.031	S10	2.1	0.482	0.025	0.0295	
2160 minute summer	S10	1.032	SWALE 3	3.6	0.677	0.011	0.0236	
2160 minute summer	S11	32.000	J28	0.3	0.355	0.050	0.0038	
2160 minute summer	S12	32.003	J30	0.9	0.395	0.067	0.0116	
2160 minute summer	S13	32.007	J33	1.5	0.898	0.015	0.0217	
2160 minute summer	S14	32.009	J34	1.9	0.514	0.037	0.0194	
2160 minute summer	S15	32.013	J37	2.5	0.996	0.027	0.0234	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S16	1140	184.507	0.020	2.9	0.0311	0.0000	OK
2160 minute summer	S17	1140	186.168	0.018	0.4	0.0285	0.0000	OK
2160 minute summer	S18	1140	185.856	0.032	1.1	0.0469	0.0000	OK
2160 minute summer	S19	1140	185.803	0.037	1.7	0.0536	0.0000	OK
2160 minute summer	S20	1320	184.651	0.009	0.1	0.0104	0.0000	OK
2160 minute summer	S21	1140	184.429	0.020	0.5	0.0264	0.0000	OK
2160 minute summer	S22	1140	184.262	0.031	1.1	0.0407	0.0000	OK
2160 minute summer	S23	1140	184.238	0.040	1.6	0.0510	0.0000	OK
2160 minute summer	S24	1140	184.069	0.052	3.0	0.0683	0.0000	OK
2160 minute summer	S25	1140	184.022	0.052	3.4	0.0713	0.0000	OK
2160 minute summer	S26	1140	185.389	0.012	0.3	0.0174	0.0000	OK
2160 minute summer	FC1	1080	188.272	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC2	1140	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S16	32.015	J38	2.9	0.635	0.009	0.0111	
2160 minute summer	S17	23.001	J20	0.4	0.426	0.067	0.0067	
2160 minute summer	S18	23.006	J24	1.1	0.325	0.034	0.0062	
2160 minute summer	S19	23.010	J27	1.7	0.385	0.057	0.0393	
2160 minute summer	S20	48.001	J41	0.1	0.283	0.017	0.0016	
2160 minute summer	S21	48.004	J43	0.5	0.322	0.038	0.0079	
2160 minute summer	S22	48.008	J46	1.1	0.324	0.035	0.0083	
2160 minute summer	S23	48.011	J48	1.6	0.357	0.052	0.0050	
2160 minute summer	S24	48.018	J56	3.0	0.376	0.056	0.0339	
2160 minute summer	S25	48.021	BASIN 4	3.4	0.478	0.064	0.0274	
2160 minute summer	S26	65.001	J54	0.3	0.409	0.029	0.0063	
2160 minute summer	FC1	2.000	J1	0.1	0.211	0.016	0.0029	
2160 minute summer	FC1	Infiltration		0.0				0.0
2160 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2160 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC3	1200	188.222	0.022	0.1	0.0297	0.0000	OK
2160 minute summer	FC4	1080	188.222	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC5	1260	188.022	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC6	1140	187.872	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC7	1140	187.772	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC8	1200	187.772	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC9	1200	187.492	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC10	1140	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
2160 minute summer	FC3	Infiltration		0.0				0.0
2160 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2160 minute summer	FC4	Infiltration		0.0				0.0
2160 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2160 minute summer	FC5	Infiltration		0.0				0.0
2160 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2160 minute summer	FC6	Infiltration		0.0				0.0
2160 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2160 minute summer	FC7	Infiltration		0.0				0.0
2160 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2160 minute summer	FC8	Infiltration		0.0				0.0
2160 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2160 minute summer	FC9	Infiltration		0.0				0.0
2160 minute summer	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC11	1260	187.342	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC12	1260	187.252	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC13	1260	187.022	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC14	1080	186.922	0.022	0.1	0.2805	0.0000	OK
2160 minute summer	FC15	1080	187.222	0.022	0.1	0.0274	0.0000	OK
2160 minute summer	FC16	1200	186.922	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC17	1080	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC10	Infiltration		0.0				0.0
2160 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2160 minute summer	FC11	Infiltration		0.0				0.0
2160 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2160 minute summer	FC12	Infiltration		0.0				0.0
2160 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2160 minute summer	FC13	Infiltration		0.0				0.0
2160 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2160 minute summer	FC14	Infiltration		0.0				0.0
2160 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2160 minute summer	FC15	Infiltration		0.0				0.0
2160 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2160 minute summer	FC16	Infiltration		0.0				0.0
2160 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2160 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC18	1020	186.572	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC19	1200	186.422	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC20	1020	186.972	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC21	1200	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC22	1200	186.472	0.022	0.1	0.2128	0.0000	OK
2160 minute summer	FC23	1140	186.322	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC24	1080	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC25	1020	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2160 minute summer	FC18	Infiltration		0.0				0.0
2160 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2160 minute summer	FC19	Infiltration		0.0				0.0
2160 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2160 minute summer	FC20	Infiltration		0.0				0.0
2160 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2160 minute summer	FC21	Infiltration		0.0				0.0
2160 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
2160 minute summer	FC22	Infiltration		0.0				0.0
2160 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2160 minute summer	FC23	Infiltration		0.0				0.0
2160 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2160 minute summer	FC24	Infiltration		0.0				0.0
2160 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC26	1200	186.472	0.022	0.1	0.2216	0.0000	OK
2160 minute summer	FC27	1080	186.522	0.022	0.1	0.0273	0.0000	OK
2160 minute summer	FC28	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC29	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC30	1020	186.772	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC31	1080	186.472	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC32	1200	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC25	Infiltration		0.0				0.0
2160 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2160 minute summer	FC26	Infiltration		0.0				0.0
2160 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2160 minute summer	FC27	Infiltration		0.0				0.0
2160 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2160 minute summer	FC28	Infiltration		0.0				0.0
2160 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2160 minute summer	FC29	Infiltration		0.0				0.0
2160 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2160 minute summer	FC30	Infiltration		0.0				0.0
2160 minute summer	FC31	33.000	J28	0.1	0.203	0.011	0.0025	
2160 minute summer	FC31	Infiltration		0.0				0.0
2160 minute summer	FC32	34.000	J29	0.1	0.182	0.008	0.0028	
2160 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC33	1260	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC34	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC35	1080	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC36	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC37	1260	185.822	0.022	0.1	0.0297	0.0000	OK
2160 minute summer	FC38	1200	185.472	0.022	0.1	0.2638	0.0000	OK
2160 minute summer	FC39	1080	185.472	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC40	1020	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2160 minute summer	FC33	Infiltration		0.0				0.0
2160 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2160 minute summer	FC34	Infiltration		0.0				0.0
2160 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2160 minute summer	FC35	Infiltration		0.0				0.0
2160 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2160 minute summer	FC36	Infiltration		0.0				0.0
2160 minute summer	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
2160 minute summer	FC37	Infiltration		0.0				0.0
2160 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2160 minute summer	FC38	Infiltration		0.0				0.0
2160 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2160 minute summer	FC39	Infiltration		0.0				0.0
2160 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC41	1260	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC42	1020	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC43	1140	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC44	1080	184.607	0.007	0.1	0.0088	0.0000	OK
2160 minute summer	FC45	1140	184.622	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC46	1260	184.722	0.022	0.1	0.0297	0.0000	OK
2160 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	FC48	1140	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC40	Infiltration		0.0				0.0
2160 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2160 minute summer	FC41	Infiltration		0.0				0.0
2160 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2160 minute summer	FC42	Infiltration		0.0				0.0
2160 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2160 minute summer	FC43	Infiltration		0.0				0.0
2160 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2160 minute summer	FC44	Infiltration		0.0				0.0
2160 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2160 minute summer	FC45	Infiltration		0.0				0.0
2160 minute summer	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
2160 minute summer	FC46	Infiltration		0.0				0.0
2160 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
2160 minute summer	FC48	50.000	J42	0.1	0.268	0.007	0.0019	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC49	1020	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC50	1200	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC51	1260	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC52	1080	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC53	1260	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC54	1140	185.272	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC55	1200	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC48	Infiltration		0.0				0.0
2160 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2160 minute summer	FC49	Infiltration		0.0				0.0
2160 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2160 minute summer	FC50	Infiltration		0.0				0.0
2160 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2160 minute summer	FC51	Infiltration		0.0				0.0
2160 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2160 minute summer	FC52	Infiltration		0.0				0.0
2160 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2160 minute summer	FC53	Infiltration		0.0				0.0
2160 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2160 minute summer	FC54	Infiltration		0.0				0.0
2160 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2160 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC56	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC57	1140	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC58	1140	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC59	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC60	1080	185.372	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC61	1260	185.322	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC62	1020	185.272	0.022	0.1	0.0297	0.0000	OK
2160 minute summer	FC63	1200	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2160 minute summer	FC56	Infiltration		0.0				0.0
2160 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2160 minute summer	FC57	Infiltration		0.0				0.0
2160 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2160 minute summer	FC58	Infiltration		0.0				0.0
2160 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2160 minute summer	FC59	Infiltration		0.0				0.0
2160 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2160 minute summer	FC60	Infiltration		0.0				0.0
2160 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2160 minute summer	FC61	Infiltration		0.0				0.0
2160 minute summer	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
2160 minute summer	FC62	Infiltration		0.0				0.0
2160 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC64	1140	185.172	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC65	1260	185.172	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC66	1260	185.022	0.022	0.1	0.0284	0.0000	OK
2160 minute summer	FC67	1200	184.822	0.022	0.1	0.2262	0.0000	OK
2160 minute summer	FC68	1200	184.572	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	J1	1080	188.217	0.017	0.5	0.0252	0.0000	OK
2160 minute summer	J2	1140	188.080	0.024	0.6	0.0276	0.0000	OK
2160 minute summer	J3	1080	188.074	0.024	0.7	0.0269	0.0000	OK
2160 minute summer	J4	1080	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC63	Infiltration		0.0				0.0
2160 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
2160 minute summer	FC64	Infiltration		0.0				0.0
2160 minute summer	FC65	67.000	J55	0.1	0.267	0.010	0.0013	
2160 minute summer	FC65	Infiltration		0.0				0.0
2160 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2160 minute summer	FC66	Infiltration		0.0				0.0
2160 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2160 minute summer	FC67	Infiltration		0.0				0.0
2160 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2160 minute summer	FC68	Infiltration		0.0				0.0
2160 minute summer	J1	1.001	J2	0.5	0.572	0.060	0.0044	
2160 minute summer	J2	1.002	J3	0.6	0.329	0.045	0.0019	
2160 minute summer	J3	1.003	J4	0.7	0.499	0.053	0.0028	
2160 minute summer	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J5	1200	187.926	0.016	0.9	0.0181	0.0000	OK
2160 minute summer	J6	1200	187.671	0.021	1.0	0.0235	0.0000	OK
2160 minute summer	J7	1140	187.552	0.027	1.1	0.0306	0.0000	OK
2160 minute summer	J8	1140	187.539	0.018	1.2	0.0208	0.0000	OK
2160 minute summer	J9	1200	187.305	0.030	1.3	0.0334	0.0000	OK
2160 minute summer	J10	1140	187.287	0.017	1.4	0.0188	0.0000	OK
2160 minute summer	J11	1200	187.145	0.024	1.5	0.0268	0.0000	OK
2160 minute summer	J12	1140	186.837	0.028	2.1	0.0320	0.0000	OK
2160 minute summer	J13	1140	186.673	0.046	2.2	0.0517	0.0000	OK
2160 minute summer	J14	1140	186.667	0.045	2.3	0.0504	0.0000	OK
2160 minute summer	J15	1140	186.658	0.041	2.4	0.0465	0.0000	OK
2160 minute summer	J16	1140	186.635	0.029	2.5	0.0333	0.0000	OK
2160 minute summer	J17	1140	186.303	0.020	2.6	0.0222	0.0000	OK
2160 minute summer	J18	1140	186.147	0.022	3.0	0.0252	0.0000	OK
2160 minute summer	J19	1140	186.076	0.049	3.1	0.0554	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J5	1.005	J6	0.9	0.733	0.024	0.0070	
2160 minute summer	J6	1.006	J7	1.0	0.719	0.035	0.0027	
2160 minute summer	J7	1.007	J8	1.1	0.529	0.036	0.0024	
2160 minute summer	J8	1.008	J9	1.2	0.534	0.013	0.0194	
2160 minute summer	J9	1.009	J10	1.3	0.630	0.040	0.0026	
2160 minute summer	J10	1.010	J11	1.4	0.805	0.011	0.0043	
2160 minute summer	J11	1.011	S2	1.5	0.438	0.023	0.0192	
2160 minute summer	J12	1.013	J13	2.1	0.750	0.031	0.0181	
2160 minute summer	J13	1.014	J14	2.2	0.332	0.039	0.0126	
2160 minute summer	J14	1.015	J15	2.3	0.374	0.041	0.0118	
2160 minute summer	J15	1.016	J16	2.4	0.519	0.045	0.0239	
2160 minute summer	J16	1.017	J17	2.5	0.740	0.018	0.0114	
2160 minute summer	J17	1.018	S3	2.6	0.656	0.008	0.0078	
2160 minute summer	J18	1.020	J19	3.0	0.639	0.010	0.0073	
2160 minute summer	J19	1.021	S4	3.1	0.468	0.056	0.0292	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J20	1140	186.051	0.020	0.5	0.0230	0.0000	OK
2160 minute summer	J21	1140	186.031	0.022	0.6	0.0245	0.0000	OK
2160 minute summer	J22	1140	185.987	0.024	0.7	0.0274	0.0000	OK
2160 minute summer	J23	1140	185.968	0.025	0.8	0.0288	0.0000	OK
2160 minute summer	J24	1140	185.849	0.032	1.2	0.0357	0.0000	OK
2160 minute summer	J25	1140	185.829	0.033	1.3	0.0376	0.0000	OK
2160 minute summer	J26	1140	185.814	0.035	1.4	0.0398	0.0000	OK
2160 minute summer	J27	1140	185.775	0.039	1.8	0.0439	0.0000	OK
2160 minute summer	J28	1140	186.374	0.018	0.4	0.0199	0.0000	OK
2160 minute summer	J29	1140	186.291	0.020	0.5	0.0229	0.0000	OK
2160 minute summer	J30	1140	186.176	0.029	1.0	0.0327	0.0000	OK
2160 minute summer	J31	1140	186.074	0.030	1.1	0.0338	0.0000	OK
2160 minute summer	J32	1140	186.042	0.031	1.2	0.0346	0.0000	OK
2160 minute summer	J33	1140	185.555	0.020	1.6	0.0221	0.0000	OK
2160 minute summer	J34	1140	185.161	0.036	2.0	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J20	23.002	J21	0.5	0.335	0.037	0.0056	
2160 minute summer	J21	23.003	J22	0.6	0.354	0.045	0.0136	
2160 minute summer	J22	23.004	J23	0.7	0.367	0.052	0.0069	
2160 minute summer	J23	23.005	S18	0.8	0.412	0.060	0.0145	
2160 minute summer	J24	23.007	J25	1.2	0.342	0.040	0.0217	
2160 minute summer	J25	23.008	J26	1.3	0.343	0.043	0.0188	
2160 minute summer	J26	23.009	S19	1.4	0.340	0.046	0.0152	
2160 minute summer	J27	23.011	S4	1.8	0.436	0.060	0.0099	
2160 minute summer	J28	32.001	J29	0.4	0.389	0.068	0.0091	
2160 minute summer	J29	32.002	S12	0.5	0.452	0.084	0.0051	
2160 minute summer	J30	32.004	J31	1.0	0.433	0.075	0.0115	
2160 minute summer	J31	32.005	J32	1.1	0.348	0.037	0.0308	
2160 minute summer	J32	32.006	S13	1.2	0.498	0.040	0.0130	
2160 minute summer	J33	32.008	S14	1.6	0.660	0.015	0.0224	
2160 minute summer	J34	32.010	J35	2.0	0.636	0.052	0.0287	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J35	1140	185.099	0.024	2.1	0.0270	0.0000	OK
2160 minute summer	J36	1140	184.914	0.039	2.2	0.0441	0.0000	OK
2160 minute summer	J37	1140	184.542	0.042	2.6	0.0471	0.0000	OK
2160 minute summer	J38	1140	184.350	0.049	3.0	0.0560	0.0000	OK
2160 minute summer	J39	1140	184.321	0.047	3.1	0.0532	0.0000	OK
2160 minute summer	J40	1140	184.303	0.038	3.2	0.0429	0.0000	OK
2160 minute summer	J41	1260	184.606	0.009	0.1	0.0103	0.0000	OK
2160 minute summer	J42	1200	184.550	0.013	0.2	0.0145	0.0000	OK
2160 minute summer	J43	1140	184.403	0.023	0.6	0.0262	0.0000	OK
2160 minute summer	J44	1140	184.393	0.023	0.7	0.0264	0.0000	OK
2160 minute summer	J45	1140	184.346	0.026	0.8	0.0296	0.0000	OK
2160 minute summer	J46	1140	184.254	0.032	1.2	0.0362	0.0000	OK
2160 minute summer	J47	1140	184.243	0.036	1.3	0.0410	0.0000	OK
2160 minute summer	J48	1140	184.231	0.037	1.7	0.0420	0.0000	OK
2160 minute summer	J49	1140	184.212	0.043	1.8	0.0486	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J35	32.011	J36	2.1	0.626	0.024	0.0234	
2160 minute summer	J36	32.012	S15	2.2	0.623	0.073	0.0085	
2160 minute summer	J37	32.014	S16	2.6	0.678	0.047	0.0206	
2160 minute summer	J38	32.016	J39	3.0	0.410	0.055	0.0791	
2160 minute summer	J39	32.017	J40	3.1	0.510	0.057	0.0223	
2160 minute summer	J40	32.018	S10	3.2	0.637	0.032	0.0480	
2160 minute summer	J41	48.002	J42	0.1	0.274	0.017	0.0029	
2160 minute summer	J42	48.003	S21	0.2	0.347	0.034	0.0047	
2160 minute summer	J43	48.005	J44	0.6	0.347	0.043	0.0028	
2160 minute summer	J44	48.006	J45	0.7	0.369	0.052	0.0167	
2160 minute summer	J45	48.007	S22	0.8	0.406	0.059	0.0047	
2160 minute summer	J46	48.009	J47	1.2	0.318	0.039	0.0159	
2160 minute summer	J47	48.010	S23	1.3	0.295	0.043	0.0116	
2160 minute summer	J48	48.012	J49	1.7	0.357	0.057	0.0356	
2160 minute summer	J49	48.013	J50	1.8	0.353	0.059	0.0058	

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J50	1140	184.206	0.041	1.9	0.0464	0.0000	OK
2160 minute summer	J51	1140	184.193	0.045	2.0	0.0509	0.0000	OK
2160 minute summer	J52	1140	184.187	0.042	2.1	0.0480	0.0000	OK
2160 minute summer	J53	1140	184.169	0.042	2.2	0.0479	0.0000	OK
2160 minute summer	J54	1140	185.147	0.018	0.4	0.0206	0.0000	OK
2160 minute summer	J55	1080	185.112	0.018	0.5	0.0201	0.0000	OK
2160 minute summer	J56	1140	184.058	0.051	3.1	0.0572	0.0000	OK
2160 minute summer	J57	1140	184.037	0.052	3.2	0.0591	0.0000	OK
2160 minute summer	BASIN 1	1320	185.409	0.484	5.2	48.4398	0.0000	SURCHARGED
2160 minute summer	BASIN 2	1440	184.838	0.538	2.5	54.2961	0.0000	OK
2160 minute summer	BASIN 3	2400	183.013	-0.087	4.0	154.0419	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J50	48.014	J51	1.9	0.360	0.064	0.0268	
2160 minute summer	J51	48.015	J52	2.0	0.370	0.065	0.0061	
2160 minute summer	J52	48.016	J53	2.1	0.406	0.069	0.0252	
2160 minute summer	J53	48.017	S24	2.2	0.465	0.073	0.0487	
2160 minute summer	J54	65.002	J55	0.4	0.420	0.068	0.0035	
2160 minute summer	J55	65.003	S24	0.5	0.542	0.066	0.0072	
2160 minute summer	J56	48.019	J57	3.1	0.387	0.057	0.0728	
2160 minute summer	J57	48.020	S25	3.2	0.394	0.059	0.0496	
2160 minute summer	BASIN 1	1.023	S5	2.4	0.096	0.029	0.9418	
2160 minute summer	BASIN 1	Infiltration		0.1				5.6
2160 minute summer	BASIN 2	1.027	S7	2.1	0.471	0.025	0.0994	
2160 minute summer	BASIN 2	71.000	BH1	0.4	0.272	0.062	0.1829	
2160 minute summer	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	BASIN 4	1500	183.577	0.247	3.7	71.1497	0.0000	OK
2160 minute summer	SWALE 1	1320	184.918	0.044	2.4	0.0628	0.0000	OK
2160 minute summer	SWALE 2	1440	184.417	0.042	2.1	0.0604	0.0000	OK
2160 minute summer	SWALE 3	1140	184.039	0.044	3.6	0.0630	0.0000	OK
2160 minute summer	BH1	1440	184.838	0.761	0.4	3.0090	0.0000	OK
2160 minute summer	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	BH3	1500	183.577	0.258	0.3	2.8105	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	BASIN 4	48.022	BH3	0.3	0.252	0.006	0.2886	
2160 minute summer	BASIN 4	Infiltration		0.0				0.0
2160 minute summer	SWALE 1	1.025	S6	2.4	0.338	0.029	0.2647	
2160 minute summer	SWALE 2	1.029	S8	2.1	0.444	0.025	0.1245	
2160 minute summer	SWALE 3	1.033	BASIN 3	3.6	0.521	0.029	0.2983	
2160 minute summer	BH1	Infiltration		0.1				9.5
2160 minute summer	BH2	Infiltration		0.0				0.0
2160 minute summer	BH3	Infiltration		0.2				16.2

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S1	780	188.378	0.008	0.1	0.0112	0.0000	OK
2160 minute winter	S2	1200	187.072	0.033	1.3	0.0573	0.0000	OK
2160 minute winter	S3	1140	186.172	0.035	1.7	0.0461	0.0000	OK
2160 minute winter	S4	1080	185.406	0.028	3.1	0.0362	0.0000	OK
2160 minute winter	S5	1320	185.264	0.354	2.0	0.5067	0.0000	OK
2160 minute winter	S6	1380	184.847	0.039	2.0	0.0560	0.0000	OK
2160 minute winter	S7	1440	184.779	0.020	1.7	0.0291	0.0000	OK
2160 minute winter	S8	1440	184.352	0.022	1.7	0.0312	0.0000	OK
2160 minute winter	S9	1440	184.160	0.035	1.7	0.0501	0.0000	OK
2160 minute winter	S10	1440	184.136	0.023	2.5	0.0420	0.0000	OK
2160 minute winter	S11	1080	186.413	0.013	0.2	0.0201	0.0000	OK
2160 minute winter	S12	1200	186.196	0.020	0.5	0.0297	0.0000	OK
2160 minute winter	S13	1140	186.009	0.016	1.0	0.0243	0.0000	OK
2160 minute winter	S14	1200	185.201	0.026	1.3	0.0402	0.0000	OK
2160 minute winter	S15	1200	184.888	0.021	1.6	0.0331	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S1	1.000	J1	0.1	0.276	0.011	0.0036	
2160 minute winter	S2	1.012	J12	1.3	0.397	0.044	0.0049	
2160 minute winter	S3	1.019	J18	1.7	0.581	0.032	0.0156	
2160 minute winter	S4	1.022	BASIN 1	3.1	0.685	0.019	0.5658	
2160 minute winter	S5	1.024	SWALE 1	2.0	0.314	0.024	0.1272	
2160 minute winter	S6	1.026	BASIN 2	2.0	0.385	0.023	0.0339	
2160 minute winter	S7	1.028	SWALE 2	1.7	0.428	0.006	0.0700	
2160 minute winter	S8	1.030	S9	1.7	0.459	0.007	0.0462	
2160 minute winter	S9	1.031	S10	1.7	0.444	0.021	0.0264	
2160 minute winter	S10	1.032	SWALE 3	2.5	0.603	0.007	0.0181	
2160 minute winter	S11	32.000	J28	0.2	0.345	0.034	0.0026	
2160 minute winter	S12	32.003	J30	0.5	0.329	0.037	0.0077	
2160 minute winter	S13	32.007	J33	1.0	0.785	0.010	0.0166	
2160 minute winter	S14	32.009	J34	1.3	0.470	0.026	0.0145	
2160 minute winter	S15	32.013	J37	1.6	0.875	0.017	0.0171	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S16	1200	184.504	0.017	1.9	0.0255	0.0000	OK
2160 minute winter	S17	1020	186.163	0.013	0.2	0.0203	0.0000	OK
2160 minute winter	S18	1020	185.847	0.023	0.6	0.0339	0.0000	OK
2160 minute winter	S19	1020	185.794	0.028	1.0	0.0408	0.0000	OK
2160 minute winter	S20	1020	184.651	0.009	0.1	0.0104	0.0000	OK
2160 minute winter	S21	1140	184.427	0.018	0.4	0.0237	0.0000	OK
2160 minute winter	S22	1020	184.256	0.025	0.7	0.0320	0.0000	OK
2160 minute winter	S23	1080	184.227	0.029	0.9	0.0380	0.0000	OK
2160 minute winter	S24	1200	184.056	0.039	1.7	0.0508	0.0000	OK
2160 minute winter	S25	1080	184.008	0.038	1.8	0.0524	0.0000	OK
2160 minute winter	S26	780	185.384	0.007	0.1	0.0104	0.0000	OK
2160 minute winter	FC1	1260	188.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC2	1140	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S16	32.015	J38	1.9	0.560	0.006	0.0083	
2160 minute winter	S17	23.001	J20	0.2	0.348	0.034	0.0041	
2160 minute winter	S18	23.006	J24	0.6	0.292	0.019	0.0038	
2160 minute winter	S19	23.010	J27	1.0	0.330	0.033	0.0270	
2160 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
2160 minute winter	S21	48.004	J43	0.4	0.303	0.030	0.0068	
2160 minute winter	S22	48.008	J46	0.7	0.302	0.022	0.0056	
2160 minute winter	S23	48.011	J48	0.9	0.306	0.029	0.0033	
2160 minute winter	S24	48.018	J56	1.7	0.330	0.032	0.0219	
2160 minute winter	S25	48.021	BASIN 4	1.8	0.404	0.034	0.0172	
2160 minute winter	S26	65.001	J54	0.1	0.340	0.010	0.0026	
2160 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0023	
2160 minute winter	FC1	Infiltration		0.0				0.0
2160 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2160 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC3	1080	188.222	0.022	0.1	0.0297	0.0000	OK
2160 minute winter	FC4	60	188.200	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC5	1140	188.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC6	60	187.850	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC7	60	187.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC8	1080	187.772	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC9	60	187.470	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC10	1380	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
2160 minute winter	FC3	Infiltration		0.0				0.0
2160 minute winter	FC4	5.000	J4	0.0	0.000	0.000	0.0000	
2160 minute winter	FC4	Infiltration		0.0				0.0
2160 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2160 minute winter	FC5	Infiltration		0.0				0.0
2160 minute winter	FC6	7.000	J6	0.0	0.000	0.000	0.0000	
2160 minute winter	FC6	Infiltration		0.0				0.0
2160 minute winter	FC7	8.000	J7	0.0	0.000	0.000	0.0000	
2160 minute winter	FC7	Infiltration		0.0				0.0
2160 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2160 minute winter	FC8	Infiltration		0.0				0.0
2160 minute winter	FC9	10.000	J9	0.0	0.000	0.000	0.0000	
2160 minute winter	FC9	Infiltration		0.0				0.0
2160 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC11	1260	187.342	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC12	1020	187.252	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC13	1140	187.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC14	1080	186.922	0.022	0.1	0.2805	0.0000	OK
2160 minute winter	FC15	60	187.200	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC16	60	186.900	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC17	60	187.000	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC10	Infiltration		0.0				0.0
2160 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2160 minute winter	FC11	Infiltration		0.0				0.0
2160 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2160 minute winter	FC12	Infiltration		0.0				0.0
2160 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2160 minute winter	FC13	Infiltration		0.0				0.0
2160 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2160 minute winter	FC14	Infiltration		0.0				0.0
2160 minute winter	FC15	16.000	J14	0.0	0.000	0.000	0.0000	
2160 minute winter	FC15	Infiltration		0.0				0.0
2160 minute winter	FC16	17.000	J15	0.0	0.000	0.000	0.0000	
2160 minute winter	FC16	Infiltration		0.0				0.0
2160 minute winter	FC17	18.000	J16	0.0	0.000	0.000	0.0000	
2160 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC18	60	186.550	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC19	1260	186.422	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC20	1020	186.972	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC21	1260	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC22	60	186.450	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC23	60	186.300	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC24	1260	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC25	1020	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC18	19.000	J17	0.0	0.000	0.000	0.0000	
2160 minute winter	FC18	Infiltration		0.0				0.0
2160 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2160 minute winter	FC19	Infiltration		0.0				0.0
2160 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2160 minute winter	FC20	Infiltration		0.0				0.0
2160 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2160 minute winter	FC21	Infiltration		0.0				0.0
2160 minute winter	FC22	23.000	S17	0.0	0.000	0.000	0.0014	
2160 minute winter	FC22	Infiltration		0.0				0.0
2160 minute winter	FC23	24.000	J20	0.0	0.000	0.000	0.0000	
2160 minute winter	FC23	Infiltration		0.0				0.0
2160 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2160 minute winter	FC24	Infiltration		0.0				0.0
2160 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC26	60	186.450	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC27	60	186.500	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC28	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC29	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC30	1200	186.772	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC31	60	186.450	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC32	60	186.450	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC25	Infiltration		0.0				0.0
2160 minute winter	FC26	27.000	J23	0.0	0.000	0.000	0.0000	
2160 minute winter	FC26	Infiltration		0.0				0.0
2160 minute winter	FC27	28.000	J24	0.0	0.000	0.000	0.0000	
2160 minute winter	FC27	Infiltration		0.0				0.0
2160 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2160 minute winter	FC28	Infiltration		0.0				0.0
2160 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2160 minute winter	FC29	Infiltration		0.0				0.0
2160 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2160 minute winter	FC30	Infiltration		0.0				0.0
2160 minute winter	FC31	33.000	J28	0.0	0.000	0.000	0.0012	
2160 minute winter	FC31	Infiltration		0.0				0.0
2160 minute winter	FC32	34.000	J29	0.0	0.000	0.000	0.0012	
2160 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC33	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC34	1080	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC35	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC36	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC37	1380	185.822	0.022	0.1	0.0297	0.0000	OK
2160 minute winter	FC38	60	185.450	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC39	60	185.450	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC40	1020	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2160 minute winter	FC33	Infiltration		0.0				0.0
2160 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2160 minute winter	FC34	Infiltration		0.0				0.0
2160 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2160 minute winter	FC35	Infiltration		0.0				0.0
2160 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2160 minute winter	FC36	Infiltration		0.0				0.0
2160 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
2160 minute winter	FC37	Infiltration		0.0				0.0
2160 minute winter	FC38	40.000	J34	0.0	0.000	0.000	0.0000	
2160 minute winter	FC38	Infiltration		0.0				0.0
2160 minute winter	FC39	41.000	J35	0.0	0.000	0.000	0.0000	
2160 minute winter	FC39	Infiltration		0.0				0.0
2160 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC41	1260	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC42	1260	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC43	1140	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC44	60	184.600	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC45	60	184.600	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC46	1320	184.722	0.022	0.1	0.0297	0.0000	OK
2160 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC48	1260	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC40	Infiltration		0.0				0.0
2160 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2160 minute winter	FC41	Infiltration		0.0				0.0
2160 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2160 minute winter	FC42	Infiltration		0.0				0.0
2160 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2160 minute winter	FC43	Infiltration		0.0				0.0
2160 minute winter	FC44	46.000	J40	0.0	0.000	0.000	0.0000	
2160 minute winter	FC44	Infiltration		0.0				0.0
2160 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000	
2160 minute winter	FC45	Infiltration		0.0				0.0
2160 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
2160 minute winter	FC46	Infiltration		0.0				0.0
2160 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
2160 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC49	1140	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC50	1140	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC51	1260	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC52	1200	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC53	1260	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC54	60	185.250	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC55	60	185.250	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC48	Infiltration		0.0				0.0
2160 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2160 minute winter	FC49	Infiltration		0.0				0.0
2160 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2160 minute winter	FC50	Infiltration		0.0				0.0
2160 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2160 minute winter	FC51	Infiltration		0.0				0.0
2160 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2160 minute winter	FC52	Infiltration		0.0				0.0
2160 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2160 minute winter	FC53	Infiltration		0.0				0.0
2160 minute winter	FC54	62.000	J51	0.0	0.000	0.000	0.0000	
2160 minute winter	FC54	Infiltration		0.0				0.0
2160 minute winter	FC55	64.000	J53	0.0	0.000	0.000	0.0000	
2160 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC56	60	185.350	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC57	60	185.350	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC58	60	185.350	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC59	60	185.350	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC60	1140	185.372	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC61	1020	185.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC62	1020	185.272	0.022	0.1	0.0297	0.0000	OK
2160 minute winter	FC63	60	185.400	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC56	53.000	J44	0.0	0.000	0.000	0.0000	
2160 minute winter	FC56	Infiltration		0.0				0.0
2160 minute winter	FC57	54.000	J45	0.0	0.000	0.000	0.0000	
2160 minute winter	FC57	Infiltration		0.0				0.0
2160 minute winter	FC58	56.000	J46	0.0	0.000	0.000	0.0000	
2160 minute winter	FC58	Infiltration		0.0				0.0
2160 minute winter	FC59	57.000	J47	0.0	0.000	0.000	0.0000	
2160 minute winter	FC59	Infiltration		0.0				0.0
2160 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2160 minute winter	FC60	Infiltration		0.0				0.0
2160 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2160 minute winter	FC61	Infiltration		0.0				0.0
2160 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
2160 minute winter	FC62	Infiltration		0.0				0.0
2160 minute winter	FC63	65.000	S26	0.0	0.000	0.000	0.0003	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC64	60	185.150	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC65	1200	185.172	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC66	1260	185.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC67	60	184.800	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC68	60	184.550	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	J1	1140	188.213	0.013	0.3	0.0196	0.0000	OK
2160 minute winter	J2	1020	188.076	0.020	0.4	0.0225	0.0000	OK
2160 minute winter	J3	1260	188.070	0.020	0.5	0.0229	0.0000	OK
2160 minute winter	J4	1260	188.052	0.013	0.5	0.0148	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC63	Infiltration		0.0				0.0
2160 minute winter	FC64	66.000	J54	0.0	0.000	0.000	0.0004	
2160 minute winter	FC64	Infiltration		0.0				0.0
2160 minute winter	FC65	67.000	J55	0.1	0.276	0.010	0.0008	
2160 minute winter	FC65	Infiltration		0.0				0.0
2160 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2160 minute winter	FC66	Infiltration		0.0				0.0
2160 minute winter	FC67	69.000	J56	0.0	0.000	0.000	0.0000	
2160 minute winter	FC67	Infiltration		0.0				0.0
2160 minute winter	FC68	70.000	J57	0.0	0.000	0.000	0.0000	
2160 minute winter	FC68	Infiltration		0.0				0.0
2160 minute winter	J1	1.001	J2	0.3	0.494	0.036	0.0030	
2160 minute winter	J2	1.002	J3	0.4	0.286	0.030	0.0015	
2160 minute winter	J3	1.003	J4	0.5	0.472	0.038	0.0021	
2160 minute winter	J4	1.004	J5	0.5	0.672	0.015	0.0026	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J5	1140	187.923	0.013	0.6	0.0149	0.0000	OK
2160 minute winter	J6	1140	187.666	0.016	0.6	0.0181	0.0000	OK
2160 minute winter	J7	1020	187.546	0.021	0.6	0.0233	0.0000	OK
2160 minute winter	J8	1020	187.535	0.014	0.7	0.0162	0.0000	OK
2160 minute winter	J9	1200	187.297	0.022	0.7	0.0244	0.0000	OK
2160 minute winter	J10	1200	187.283	0.013	0.8	0.0145	0.0000	OK
2160 minute winter	J11	1140	187.140	0.019	0.9	0.0211	0.0000	OK
2160 minute winter	J12	1080	186.832	0.023	1.4	0.0262	0.0000	OK
2160 minute winter	J13	1140	186.664	0.037	1.5	0.0419	0.0000	OK
2160 minute winter	J14	1140	186.658	0.036	1.5	0.0406	0.0000	OK
2160 minute winter	J15	1080	186.650	0.033	1.5	0.0375	0.0000	OK
2160 minute winter	J16	1080	186.628	0.023	1.5	0.0258	0.0000	OK
2160 minute winter	J17	1080	186.298	0.015	1.5	0.0171	0.0000	OK
2160 minute winter	J18	1140	186.142	0.017	1.8	0.0194	0.0000	OK
2160 minute winter	J19	1200	186.066	0.039	1.9	0.0436	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J5	1.005	J6	0.6	0.685	0.016	0.0050	
2160 minute winter	J6	1.006	J7	0.6	0.623	0.021	0.0019	
2160 minute winter	J7	1.007	J8	0.6	0.425	0.020	0.0016	
2160 minute winter	J8	1.008	J9	0.7	0.477	0.008	0.0126	
2160 minute winter	J9	1.009	J10	0.7	0.509	0.021	0.0017	
2160 minute winter	J10	1.010	J11	0.8	0.666	0.006	0.0030	
2160 minute winter	J11	1.011	S2	0.9	0.372	0.014	0.0139	
2160 minute winter	J12	1.013	J13	1.4	0.667	0.021	0.0136	
2160 minute winter	J13	1.014	J14	1.5	0.309	0.026	0.0092	
2160 minute winter	J14	1.015	J15	1.5	0.335	0.027	0.0086	
2160 minute winter	J15	1.016	J16	1.5	0.457	0.028	0.0170	
2160 minute winter	J16	1.017	J17	1.5	0.639	0.011	0.0079	
2160 minute winter	J17	1.018	S3	1.5	0.542	0.005	0.0055	
2160 minute winter	J18	1.020	J19	1.8	0.553	0.006	0.0051	
2160 minute winter	J19	1.021	S4	1.9	0.412	0.034	0.0203	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J20	1020	186.044	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	J21	1260	186.025	0.016	0.3	0.0176	0.0000	OK
2160 minute winter	J22	1080	185.981	0.018	0.4	0.0207	0.0000	OK
2160 minute winter	J23	1020	185.960	0.018	0.4	0.0205	0.0000	OK
2160 minute winter	J24	1020	185.839	0.022	0.6	0.0251	0.0000	OK
2160 minute winter	J25	1020	185.820	0.024	0.7	0.0274	0.0000	OK
2160 minute winter	J26	1020	185.805	0.026	0.8	0.0297	0.0000	OK
2160 minute winter	J27	1020	185.766	0.030	1.1	0.0344	0.0000	OK
2160 minute winter	J28	1080	186.369	0.013	0.2	0.0144	0.0000	OK
2160 minute winter	J29	1080	186.284	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	J30	1080	186.169	0.022	0.6	0.0253	0.0000	OK
2160 minute winter	J31	1080	186.068	0.024	0.7	0.0268	0.0000	OK
2160 minute winter	J32	1140	186.036	0.025	0.8	0.0287	0.0000	OK
2160 minute winter	J33	1140	185.551	0.016	1.1	0.0186	0.0000	OK
2160 minute winter	J34	1140	185.155	0.030	1.3	0.0335	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J20	23.002	J21	0.2	0.241	0.015	0.0032	
2160 minute winter	J21	23.003	J22	0.3	0.276	0.022	0.0087	
2160 minute winter	J22	23.004	J23	0.4	0.329	0.030	0.0044	
2160 minute winter	J23	23.005	S18	0.4	0.341	0.030	0.0088	
2160 minute winter	J24	23.007	J25	0.6	0.280	0.020	0.0132	
2160 minute winter	J25	23.008	J26	0.7	0.289	0.023	0.0120	
2160 minute winter	J26	23.009	S19	0.8	0.294	0.026	0.0101	
2160 minute winter	J27	23.011	S4	1.1	0.383	0.037	0.0069	
2160 minute winter	J28	32.001	J29	0.2	0.345	0.034	0.0051	
2160 minute winter	J29	32.002	S12	0.2	0.347	0.034	0.0027	
2160 minute winter	J30	32.004	J31	0.6	0.376	0.045	0.0079	
2160 minute winter	J31	32.005	J32	0.7	0.301	0.023	0.0227	
2160 minute winter	J32	32.006	S13	0.8	0.438	0.027	0.0098	
2160 minute winter	J33	32.008	S14	1.1	0.596	0.011	0.0170	
2160 minute winter	J34	32.010	J35	1.3	0.565	0.034	0.0211	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J35	1140	185.094	0.019	1.3	0.0215	0.0000	OK
2160 minute winter	J36	1200	184.907	0.032	1.4	0.0357	0.0000	OK
2160 minute winter	J37	1080	184.535	0.035	1.7	0.0391	0.0000	OK
2160 minute winter	J38	1200	184.341	0.040	2.0	0.0458	0.0000	OK
2160 minute winter	J39	1200	184.313	0.039	2.1	0.0441	0.0000	OK
2160 minute winter	J40	1200	184.296	0.031	2.1	0.0349	0.0000	OK
2160 minute winter	J41	900	184.606	0.009	0.1	0.0104	0.0000	OK
2160 minute winter	J42	1140	184.550	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	J43	1200	184.401	0.021	0.5	0.0236	0.0000	OK
2160 minute winter	J44	1140	184.390	0.020	0.5	0.0227	0.0000	OK
2160 minute winter	J45	1020	184.341	0.021	0.5	0.0234	0.0000	OK
2160 minute winter	J46	1080	184.246	0.024	0.7	0.0274	0.0000	OK
2160 minute winter	J47	1080	184.233	0.026	0.7	0.0292	0.0000	OK
2160 minute winter	J48	1260	184.222	0.028	1.0	0.0317	0.0000	OK
2160 minute winter	J49	1080	184.202	0.033	1.1	0.0376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J35	32.011	J36	1.3	0.534	0.015	0.0171	
2160 minute winter	J36	32.012	S15	1.4	0.542	0.047	0.0062	
2160 minute winter	J37	32.014	S16	1.7	0.591	0.031	0.0156	
2160 minute winter	J38	32.016	J39	2.0	0.364	0.037	0.0595	
2160 minute winter	J39	32.017	J40	2.1	0.461	0.038	0.0167	
2160 minute winter	J40	32.018	S10	2.1	0.564	0.021	0.0356	
2160 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
2160 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
2160 minute winter	J43	48.005	J44	0.5	0.348	0.036	0.0023	
2160 minute winter	J44	48.006	J45	0.5	0.350	0.037	0.0125	
2160 minute winter	J45	48.007	S22	0.5	0.355	0.037	0.0033	
2160 minute winter	J46	48.009	J47	0.7	0.293	0.023	0.0101	
2160 minute winter	J47	48.010	S23	0.7	0.252	0.023	0.0073	
2160 minute winter	J48	48.012	J49	1.0	0.310	0.033	0.0241	
2160 minute winter	J49	48.013	J50	1.1	0.311	0.036	0.0040	

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J50	1020	184.197	0.032	1.2	0.0362	0.0000	OK
2160 minute winter	J51	1140	184.183	0.035	1.2	0.0391	0.0000	OK
2160 minute winter	J52	1020	184.177	0.033	1.3	0.0374	0.0000	OK
2160 minute winter	J53	1020	184.160	0.033	1.3	0.0370	0.0000	OK
2160 minute winter	J54	780	185.138	0.009	0.1	0.0106	0.0000	OK
2160 minute winter	J55	1200	185.105	0.011	0.2	0.0128	0.0000	OK
2160 minute winter	J56	1140	184.044	0.037	1.7	0.0422	0.0000	OK
2160 minute winter	J57	1080	184.023	0.038	1.7	0.0428	0.0000	OK
2160 minute winter	BASIN 1	1320	185.264	0.339	3.2	30.3977	0.0000	OK
2160 minute winter	BASIN 2	1440	184.835	0.535	2.0	53.9069	0.0000	OK
2160 minute winter	BASIN 3	2400	182.960	-0.140	2.6	133.1992	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J50	48.014	J51	1.2	0.329	0.040	0.0185	
2160 minute winter	J51	48.015	J52	1.2	0.322	0.039	0.0042	
2160 minute winter	J52	48.016	J53	1.3	0.362	0.043	0.0175	
2160 minute winter	J53	48.017	S24	1.3	0.401	0.043	0.0333	
2160 minute winter	J54	65.002	J55	0.1	0.302	0.017	0.0015	
2160 minute winter	J55	65.003	S24	0.2	0.414	0.026	0.0038	
2160 minute winter	J56	48.019	J57	1.7	0.335	0.031	0.0461	
2160 minute winter	J57	48.020	S25	1.7	0.332	0.031	0.0313	
2160 minute winter	BASIN 1	1.023	S5	2.0	0.093	0.024	0.9083	
2160 minute winter	BASIN 1	Infiltration		0.1				5.3
2160 minute winter	BASIN 2	1.027	S7	1.7	0.443	0.021	0.0878	
2160 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.058	0.1829	
2160 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
2160 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	BASIN 4	1560	183.530	0.200	2.0	57.2322	0.0000	OK
2160 minute winter	SWALE 1	1320	184.914	0.040	2.0	0.0574	0.0000	OK
2160 minute winter	SWALE 2	1440	184.414	0.039	1.7	0.0561	0.0000	OK
2160 minute winter	SWALE 3	1440	184.032	0.037	2.5	0.0525	0.0000	OK
2160 minute winter	BH1	1440	184.835	0.758	0.3	2.9993	0.0000	OK
2160 minute winter	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	BH3	1560	183.530	0.211	0.2	2.5909	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	BASIN 4	48.022	BH3	0.2	0.213	0.005	0.2346	
2160 minute winter	BASIN 4	Infiltration		0.0				0.0
2160 minute winter	SWALE 1	1.025	S6	2.0	0.319	0.024	0.2324	
2160 minute winter	SWALE 2	1.029	S8	1.7	0.413	0.021	0.1110	
2160 minute winter	SWALE 3	1.033	BASIN 3	2.5	0.465	0.020	0.2284	
2160 minute winter	BH1	Infiltration		0.1				10.4
2160 minute winter	BH2	Infiltration		0.0				0.0
2160 minute winter	BH3	Infiltration		0.2				17.1

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S1	1500	188.381	0.011	0.2	0.0155	0.0000	OK
2880 minute summer	S2	1500	187.080	0.041	2.0	0.0710	0.0000	OK
2880 minute summer	S3	1500	186.181	0.044	2.9	0.0585	0.0000	OK
2880 minute summer	S4	1500	185.413	0.035	4.8	0.0445	0.0000	OK
2880 minute summer	S5	1680	185.333	0.423	2.2	0.6055	0.0000	SURCHARGED
2880 minute summer	S6	1680	184.849	0.041	2.2	0.0586	0.0000	OK
2880 minute summer	S7	1800	184.780	0.021	1.9	0.0304	0.0000	OK
2880 minute summer	S8	1800	184.353	0.023	1.9	0.0326	0.0000	OK
2880 minute summer	S9	1800	184.161	0.036	1.9	0.0520	0.0000	OK
2880 minute summer	S10	1500	184.138	0.025	2.9	0.0455	0.0000	OK
2880 minute summer	S11	1560	186.413	0.013	0.2	0.0201	0.0000	OK
2880 minute summer	S12	1500	186.200	0.024	0.7	0.0354	0.0000	OK
2880 minute summer	S13	1500	186.011	0.018	1.2	0.0265	0.0000	OK
2880 minute summer	S14	1500	185.202	0.027	1.5	0.0432	0.0000	OK
2880 minute summer	S15	1500	184.890	0.023	2.0	0.0368	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S1	1.000	J1	0.2	0.307	0.023	0.0054	
2880 minute summer	S2	1.012	J12	2.0	0.447	0.067	0.0067	
2880 minute summer	S3	1.019	J18	2.9	0.690	0.054	0.0224	
2880 minute summer	S4	1.022	BASIN 1	4.8	0.799	0.029	0.6182	
2880 minute summer	S5	1.024	SWALE 1	2.2	0.323	0.026	0.1362	
2880 minute summer	S6	1.026	BASIN 2	2.2	0.390	0.025	0.0359	
2880 minute summer	S7	1.028	SWALE 2	1.9	0.443	0.006	0.0739	
2880 minute summer	S8	1.030	S9	1.9	0.473	0.007	0.0490	
2880 minute summer	S9	1.031	S10	1.9	0.463	0.023	0.0278	
2880 minute summer	S10	1.032	SWALE 3	2.9	0.634	0.009	0.0202	
2880 minute summer	S11	32.000	J28	0.2	0.345	0.034	0.0030	
2880 minute summer	S12	32.003	J30	0.7	0.366	0.052	0.0097	
2880 minute summer	S13	32.007	J33	1.2	0.833	0.012	0.0187	
2880 minute summer	S14	32.009	J34	1.5	0.484	0.030	0.0164	
2880 minute summer	S15	32.013	J37	2.0	0.932	0.022	0.0199	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S16	1500	184.505	0.018	2.3	0.0278	0.0000	OK
2880 minute summer	S17	1500	186.165	0.015	0.3	0.0245	0.0000	OK
2880 minute summer	S18	1500	185.852	0.028	0.9	0.0420	0.0000	OK
2880 minute summer	S19	1500	185.800	0.033	1.4	0.0483	0.0000	OK
2880 minute summer	S20	1440	184.651	0.009	0.1	0.0104	0.0000	OK
2880 minute summer	S21	1560	184.427	0.018	0.4	0.0237	0.0000	OK
2880 minute summer	S22	1500	184.259	0.028	0.9	0.0367	0.0000	OK
2880 minute summer	S23	1500	184.234	0.036	1.3	0.0458	0.0000	OK
2880 minute summer	S24	1500	184.066	0.049	2.7	0.0646	0.0000	OK
2880 minute summer	S25	1500	184.019	0.049	3.1	0.0681	0.0000	OK
2880 minute summer	S26	1500	185.389	0.012	0.3	0.0174	0.0000	OK
2880 minute summer	FC1	1380	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC2	1380	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S16	32.015	J38	2.3	0.593	0.007	0.0094	
2880 minute summer	S17	23.001	J20	0.3	0.391	0.050	0.0054	
2880 minute summer	S18	23.006	J24	0.9	0.306	0.028	0.0053	
2880 minute summer	S19	23.010	J27	1.4	0.363	0.046	0.0341	
2880 minute summer	S20	48.001	J41	0.1	0.283	0.017	0.0016	
2880 minute summer	S21	48.004	J43	0.4	0.303	0.030	0.0068	
2880 minute summer	S22	48.008	J46	0.9	0.307	0.029	0.0071	
2880 minute summer	S23	48.011	J48	1.3	0.339	0.042	0.0043	
2880 minute summer	S24	48.018	J56	2.7	0.367	0.050	0.0313	
2880 minute summer	S25	48.021	BASIN 4	3.1	0.465	0.058	0.0257	
2880 minute summer	S26	65.001	J54	0.3	0.409	0.029	0.0063	
2880 minute summer	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
2880 minute summer	FC1	Infiltration		0.0				0.0
2880 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC3	1380	188.222	0.022	0.1	0.0297	0.0000	OK
2880 minute summer	FC4	1500	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC5	1620	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC6	1500	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC7	1500	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC8	1380	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC9	1500	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC10	1620	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
2880 minute summer	FC3	Infiltration		0.0				0.0
2880 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute summer	FC4	Infiltration		0.0				0.0
2880 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute summer	FC5	Infiltration		0.0				0.0
2880 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute summer	FC6	Infiltration		0.0				0.0
2880 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute summer	FC7	Infiltration		0.0				0.0
2880 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute summer	FC8	Infiltration		0.0				0.0
2880 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute summer	FC9	Infiltration		0.0				0.0
2880 minute summer	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC11	1620	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC12	1560	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC13	1500	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC14	1560	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute summer	FC15	1500	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute summer	FC16	1500	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC17	1500	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC10	Infiltration		0.0				0.0
2880 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute summer	FC11	Infiltration		0.0				0.0
2880 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute summer	FC12	Infiltration		0.0				0.0
2880 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute summer	FC13	Infiltration		0.0				0.0
2880 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute summer	FC14	Infiltration		0.0				0.0
2880 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute summer	FC15	Infiltration		0.0				0.0
2880 minute summer	FC16	17.000	J15	0.1	0.296	0.016	0.0026	
2880 minute summer	FC16	Infiltration		0.0				0.0
2880 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC18	1440	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC19	1380	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC20	1380	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC21	1380	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC22	1500	186.471	0.021	0.1	0.2060	0.0000	OK
2880 minute summer	FC23	1500	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC24	1500	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC25	1380	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute summer	FC18	Infiltration		0.0				0.0
2880 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute summer	FC19	Infiltration		0.0				0.0
2880 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute summer	FC20	Infiltration		0.0				0.0
2880 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute summer	FC21	Infiltration		0.0				0.0
2880 minute summer	FC22	23.000	S17	0.1	0.216	0.006	0.0022	
2880 minute summer	FC22	Infiltration		0.0				0.0
2880 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2880 minute summer	FC23	Infiltration		0.0				0.0
2880 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2880 minute summer	FC24	Infiltration		0.0				0.0
2880 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC26	1500	186.471	0.021	0.1	0.2141	0.0000	OK
2880 minute summer	FC27	1500	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute summer	FC28	1380	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC29	1380	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC30	1380	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC31	1500	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC32	1500	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC25	Infiltration		0.0				0.0
2880 minute summer	FC26	27.000	J23	0.1	0.483	0.007	0.0009	
2880 minute summer	FC26	Infiltration		0.0				0.0
2880 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2880 minute summer	FC27	Infiltration		0.0				0.0
2880 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute summer	FC28	Infiltration		0.0				0.0
2880 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute summer	FC29	Infiltration		0.0				0.0
2880 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute summer	FC30	Infiltration		0.0				0.0
2880 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0022	
2880 minute summer	FC31	Infiltration		0.0				0.0
2880 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0024	
2880 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC33	1380	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC34	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC35	1380	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC36	1380	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC37	1440	185.822	0.022	0.1	0.0297	0.0000	OK
2880 minute summer	FC38	1500	185.471	0.021	0.1	0.2479	0.0000	OK
2880 minute summer	FC39	1500	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC40	1380	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute summer	FC33	Infiltration		0.0				0.0
2880 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute summer	FC34	Infiltration		0.0				0.0
2880 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute summer	FC35	Infiltration		0.0				0.0
2880 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute summer	FC36	Infiltration		0.0				0.0
2880 minute summer	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
2880 minute summer	FC37	Infiltration		0.0				0.0
2880 minute summer	FC38	40.000	J34	0.1	0.457	0.007	0.0009	
2880 minute summer	FC38	Infiltration		0.0				0.0
2880 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute summer	FC39	Infiltration		0.0				0.0
2880 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC41	1500	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC42	1380	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC43	1380	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC44	1500	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute summer	FC45	1500	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC46	1620	184.722	0.022	0.1	0.0297	0.0000	OK
2880 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	FC48	1620	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC40	Infiltration		0.0				0.0
2880 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute summer	FC41	Infiltration		0.0				0.0
2880 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute summer	FC42	Infiltration		0.0				0.0
2880 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute summer	FC43	Infiltration		0.0				0.0
2880 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute summer	FC44	Infiltration		0.0				0.0
2880 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute summer	FC45	Infiltration		0.0				0.0
2880 minute summer	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
2880 minute summer	FC46	Infiltration		0.0				0.0
2880 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
2880 minute summer	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC49	1440	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC50	1620	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC51	1500	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC52	1620	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC53	1440	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC54	1500	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC55	1500	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC48	Infiltration		0.0				0.0
2880 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute summer	FC49	Infiltration		0.0				0.0
2880 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute summer	FC50	Infiltration		0.0				0.0
2880 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute summer	FC51	Infiltration		0.0				0.0
2880 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute summer	FC52	Infiltration		0.0				0.0
2880 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute summer	FC53	Infiltration		0.0				0.0
2880 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute summer	FC54	Infiltration		0.0				0.0
2880 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC56	1500	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC57	1500	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC58	1500	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC59	1500	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC60	1500	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC61	1560	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC62	1440	185.272	0.022	0.1	0.0297	0.0000	OK
2880 minute summer	FC63	1500	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute summer	FC56	Infiltration		0.0				0.0
2880 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute summer	FC57	Infiltration		0.0				0.0
2880 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute summer	FC58	Infiltration		0.0				0.0
2880 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute summer	FC59	Infiltration		0.0				0.0
2880 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute summer	FC60	Infiltration		0.0				0.0
2880 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute summer	FC61	Infiltration		0.0				0.0
2880 minute summer	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
2880 minute summer	FC62	Infiltration		0.0				0.0
2880 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC64	1500	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC65	1620	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC66	1620	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC67	1500	184.822	0.022	0.1	0.2249	0.0000	OK
2880 minute summer	FC68	1500	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	J1	1500	188.217	0.017	0.5	0.0252	0.0000	OK
2880 minute summer	J2	1500	188.080	0.024	0.6	0.0276	0.0000	OK
2880 minute summer	J3	1500	188.074	0.024	0.7	0.0269	0.0000	OK
2880 minute summer	J4	1500	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC63	Infiltration		0.0				0.0
2880 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
2880 minute summer	FC64	Infiltration		0.0				0.0
2880 minute summer	FC65	67.000	J55	0.1	0.275	0.010	0.0013	
2880 minute summer	FC65	Infiltration		0.0				0.0
2880 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute summer	FC66	Infiltration		0.0				0.0
2880 minute summer	FC67	69.000	J56	0.1	0.273	0.016	0.0007	
2880 minute summer	FC67	Infiltration		0.0				0.0
2880 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute summer	FC68	Infiltration		0.0				0.0
2880 minute summer	J1	1.001	J2	0.5	0.572	0.060	0.0044	
2880 minute summer	J2	1.002	J3	0.6	0.329	0.045	0.0019	
2880 minute summer	J3	1.003	J4	0.7	0.499	0.053	0.0028	
2880 minute summer	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J5	1500	187.926	0.016	0.9	0.0181	0.0000	OK
2880 minute summer	J6	1500	187.671	0.021	1.0	0.0235	0.0000	OK
2880 minute summer	J7	1500	187.552	0.027	1.1	0.0306	0.0000	OK
2880 minute summer	J8	1500	187.539	0.018	1.2	0.0208	0.0000	OK
2880 minute summer	J9	1500	187.305	0.030	1.3	0.0334	0.0000	OK
2880 minute summer	J10	1500	187.287	0.017	1.4	0.0188	0.0000	OK
2880 minute summer	J11	1500	187.145	0.024	1.5	0.0268	0.0000	OK
2880 minute summer	J12	1500	186.837	0.028	2.1	0.0320	0.0000	OK
2880 minute summer	J13	1500	186.673	0.046	2.2	0.0517	0.0000	OK
2880 minute summer	J14	1500	186.667	0.045	2.3	0.0504	0.0000	OK
2880 minute summer	J15	1500	186.658	0.041	2.4	0.0465	0.0000	OK
2880 minute summer	J16	1500	186.635	0.029	2.5	0.0333	0.0000	OK
2880 minute summer	J17	1500	186.303	0.020	2.6	0.0222	0.0000	OK
2880 minute summer	J18	1500	186.147	0.022	3.0	0.0252	0.0000	OK
2880 minute summer	J19	1500	186.076	0.049	3.1	0.0554	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J5	1.005	J6	0.9	0.733	0.024	0.0070	
2880 minute summer	J6	1.006	J7	1.0	0.719	0.035	0.0027	
2880 minute summer	J7	1.007	J8	1.1	0.529	0.036	0.0024	
2880 minute summer	J8	1.008	J9	1.2	0.534	0.013	0.0194	
2880 minute summer	J9	1.009	J10	1.3	0.622	0.040	0.0026	
2880 minute summer	J10	1.010	J11	1.4	0.805	0.011	0.0043	
2880 minute summer	J11	1.011	S2	1.5	0.428	0.023	0.0192	
2880 minute summer	J12	1.013	J13	2.1	0.750	0.031	0.0181	
2880 minute summer	J13	1.014	J14	2.2	0.332	0.039	0.0126	
2880 minute summer	J14	1.015	J15	2.3	0.374	0.041	0.0118	
2880 minute summer	J15	1.016	J16	2.4	0.519	0.045	0.0239	
2880 minute summer	J16	1.017	J17	2.5	0.740	0.018	0.0114	
2880 minute summer	J17	1.018	S3	2.6	0.655	0.008	0.0078	
2880 minute summer	J18	1.020	J19	3.0	0.639	0.010	0.0073	
2880 minute summer	J19	1.021	S4	3.1	0.468	0.056	0.0292	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J20	1500	186.049	0.018	0.4	0.0204	0.0000	OK
2880 minute summer	J21	1500	186.029	0.020	0.5	0.0223	0.0000	OK
2880 minute summer	J22	1500	185.985	0.022	0.6	0.0252	0.0000	OK
2880 minute summer	J23	1500	185.966	0.024	0.7	0.0267	0.0000	OK
2880 minute summer	J24	1500	185.846	0.029	1.0	0.0323	0.0000	OK
2880 minute summer	J25	1500	185.826	0.030	1.1	0.0343	0.0000	OK
2880 minute summer	J26	1500	185.811	0.032	1.2	0.0364	0.0000	OK
2880 minute summer	J27	1500	185.771	0.035	1.5	0.0400	0.0000	OK
2880 minute summer	J28	1500	186.371	0.015	0.3	0.0173	0.0000	OK
2880 minute summer	J29	1500	186.289	0.018	0.4	0.0205	0.0000	OK
2880 minute summer	J30	1500	186.173	0.026	0.8	0.0293	0.0000	OK
2880 minute summer	J31	1500	186.071	0.027	0.9	0.0305	0.0000	OK
2880 minute summer	J32	1500	186.039	0.028	1.0	0.0318	0.0000	OK
2880 minute summer	J33	1500	185.553	0.018	1.3	0.0200	0.0000	OK
2880 minute summer	J34	1500	185.158	0.033	1.6	0.0368	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J20	23.002	J21	0.4	0.310	0.029	0.0048	
2880 minute summer	J21	23.003	J22	0.5	0.332	0.037	0.0120	
2880 minute summer	J22	23.004	J23	0.6	0.350	0.044	0.0061	
2880 minute summer	J23	23.005	S18	0.7	0.395	0.051	0.0131	
2880 minute summer	J24	23.007	J25	1.0	0.325	0.033	0.0188	
2880 minute summer	J25	23.008	J26	1.1	0.327	0.036	0.0165	
2880 minute summer	J26	23.009	S19	1.2	0.332	0.039	0.0132	
2880 minute summer	J27	23.011	S4	1.5	0.412	0.050	0.0086	
2880 minute summer	J28	32.001	J29	0.3	0.350	0.051	0.0076	
2880 minute summer	J29	32.002	S12	0.4	0.424	0.067	0.0044	
2880 minute summer	J30	32.004	J31	0.8	0.407	0.060	0.0098	
2880 minute summer	J31	32.005	J32	0.9	0.326	0.030	0.0269	
2880 minute summer	J32	32.006	S13	1.0	0.475	0.033	0.0114	
2880 minute summer	J33	32.008	S14	1.3	0.631	0.012	0.0190	
2880 minute summer	J34	32.010	J35	1.6	0.592	0.041	0.0246	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J35	1500	185.097	0.022	1.7	0.0244	0.0000	OK
2880 minute summer	J36	1500	184.910	0.035	1.8	0.0400	0.0000	OK
2880 minute summer	J37	1500	184.538	0.038	2.1	0.0428	0.0000	OK
2880 minute summer	J38	1500	184.344	0.044	2.4	0.0499	0.0000	OK
2880 minute summer	J39	1500	184.317	0.043	2.5	0.0482	0.0000	OK
2880 minute summer	J40	1500	184.299	0.034	2.6	0.0387	0.0000	OK
2880 minute summer	J41	1440	184.606	0.009	0.1	0.0103	0.0000	OK
2880 minute summer	J42	1620	184.550	0.013	0.2	0.0145	0.0000	OK
2880 minute summer	J43	1500	184.401	0.021	0.5	0.0239	0.0000	OK
2880 minute summer	J44	1500	184.392	0.022	0.6	0.0244	0.0000	OK
2880 minute summer	J45	1500	184.345	0.024	0.7	0.0277	0.0000	OK
2880 minute summer	J46	1500	184.251	0.029	1.0	0.0328	0.0000	OK
2880 minute summer	J47	1500	184.240	0.033	1.1	0.0370	0.0000	OK
2880 minute summer	J48	1500	184.228	0.033	1.4	0.0379	0.0000	OK
2880 minute summer	J49	1500	184.208	0.039	1.5	0.0442	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J35	32.011	J36	1.7	0.584	0.019	0.0203	
2880 minute summer	J36	32.012	S15	1.8	0.590	0.060	0.0073	
2880 minute summer	J37	32.014	S16	2.1	0.634	0.038	0.0178	
2880 minute summer	J38	32.016	J39	2.4	0.382	0.044	0.0677	
2880 minute summer	J39	32.017	J40	2.5	0.475	0.046	0.0192	
2880 minute summer	J40	32.018	S10	2.6	0.600	0.026	0.0413	
2880 minute summer	J41	48.002	J42	0.1	0.274	0.017	0.0029	
2880 minute summer	J42	48.003	S21	0.2	0.347	0.034	0.0047	
2880 minute summer	J43	48.005	J44	0.5	0.348	0.036	0.0025	
2880 minute summer	J44	48.006	J45	0.6	0.351	0.045	0.0150	
2880 minute summer	J45	48.007	S22	0.7	0.391	0.052	0.0043	
2880 minute summer	J46	48.009	J47	1.0	0.306	0.032	0.0138	
2880 minute summer	J47	48.010	S23	1.1	0.291	0.036	0.0100	
2880 minute summer	J48	48.012	J49	1.4	0.339	0.047	0.0308	
2880 minute summer	J49	48.013	J50	1.5	0.337	0.049	0.0051	

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J50	1500	184.202	0.037	1.6	0.0423	0.0000	OK
2880 minute summer	J51	1500	184.189	0.041	1.7	0.0468	0.0000	OK
2880 minute summer	J52	1500	184.183	0.039	1.8	0.0444	0.0000	OK
2880 minute summer	J53	1500	184.166	0.039	1.9	0.0446	0.0000	OK
2880 minute summer	J54	1500	185.147	0.018	0.4	0.0206	0.0000	OK
2880 minute summer	J55	1500	185.112	0.018	0.5	0.0201	0.0000	OK
2880 minute summer	J56	1500	184.055	0.048	2.8	0.0542	0.0000	OK
2880 minute summer	J57	1500	184.035	0.050	2.9	0.0561	0.0000	OK
2880 minute summer	BASIN 1	1680	185.333	0.408	4.9	38.8786	0.0000	SURCHARGED
2880 minute summer	BASIN 2	1800	184.836	0.536	2.3	54.0851	0.0000	OK
2880 minute summer	BASIN 3	3060	182.970	-0.130	3.2	137.1420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J50	48.014	J51	1.6	0.344	0.054	0.0236	
2880 minute summer	J51	48.015	J52	1.7	0.354	0.055	0.0055	
2880 minute summer	J52	48.016	J53	1.8	0.388	0.059	0.0226	
2880 minute summer	J53	48.017	S24	1.9	0.447	0.063	0.0436	
2880 minute summer	J54	65.002	J55	0.4	0.420	0.068	0.0035	
2880 minute summer	J55	65.003	S24	0.5	0.542	0.066	0.0072	
2880 minute summer	J56	48.019	J57	2.8	0.376	0.051	0.0674	
2880 minute summer	J57	48.020	S25	2.9	0.382	0.053	0.0463	
2880 minute summer	BASIN 1	1.023	S5	2.2	0.093	0.026	0.9418	
2880 minute summer	BASIN 1	Infiltration		0.1				5.3
2880 minute summer	BASIN 2	1.027	S7	1.9	0.456	0.023	0.0931	
2880 minute summer	BASIN 2	71.000	BH1	0.3	0.272	0.057	0.1829	
2880 minute summer	BASIN 2	Infiltration		0.0				0.0
2880 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
2880 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	BASIN 4	1920	183.552	0.222	3.4	63.6437	0.0000	OK
2880 minute summer	SWALE 1	1680	184.916	0.042	2.2	0.0602	0.0000	OK
2880 minute summer	SWALE 2	1800	184.416	0.041	1.9	0.0581	0.0000	OK
2880 minute summer	SWALE 3	1500	184.035	0.040	2.9	0.0568	0.0000	OK
2880 minute summer	BH1	1800	184.836	0.759	0.3	3.0037	0.0000	OK
2880 minute summer	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	BH3	1920	183.552	0.233	0.4	2.6924	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	BASIN 4	48.022	BH3	0.4	0.252	0.007	0.2611	
2880 minute summer	BASIN 4	Infiltration		0.0				0.0
2880 minute summer	SWALE 1	1.025	S6	2.2	0.329	0.026	0.2489	
2880 minute summer	SWALE 2	1.029	S8	1.9	0.427	0.023	0.1172	
2880 minute summer	SWALE 3	1.033	BASIN 3	2.9	0.489	0.023	0.2554	
2880 minute summer	BH1	Infiltration		0.1				11.6
2880 minute summer	BH2	Infiltration		0.0				0.0
2880 minute summer	BH3	Infiltration		0.2				20.7

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S1	1080	188.378	0.008	0.1	0.0112	0.0000	OK
2880 minute winter	S2	1440	187.071	0.032	1.2	0.0549	0.0000	OK
2880 minute winter	S3	1500	186.171	0.034	1.6	0.0449	0.0000	OK
2880 minute winter	S4	1500	185.405	0.027	2.7	0.0340	0.0000	OK
2880 minute winter	S5	1620	185.170	0.259	1.7	0.3713	0.0000	OK
2880 minute winter	S6	1620	184.844	0.036	1.7	0.0514	0.0000	OK
2880 minute winter	S7	1860	184.777	0.018	1.3	0.0258	0.0000	OK
2880 minute winter	S8	1860	184.349	0.019	1.3	0.0277	0.0000	OK
2880 minute winter	S9	1860	184.157	0.032	1.3	0.0454	0.0000	OK
2880 minute winter	S10	1860	184.134	0.021	2.0	0.0384	0.0000	OK
2880 minute winter	S11	960	186.409	0.009	0.1	0.0144	0.0000	OK
2880 minute winter	S12	1560	186.192	0.016	0.3	0.0230	0.0000	OK
2880 minute winter	S13	1500	186.007	0.014	0.7	0.0205	0.0000	OK
2880 minute winter	S14	1560	185.197	0.022	1.0	0.0352	0.0000	OK
2880 minute winter	S15	1500	184.886	0.019	1.3	0.0299	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S1	1.000	J1	0.1	0.276	0.011	0.0036	
2880 minute winter	S2	1.012	J12	1.2	0.391	0.040	0.0046	
2880 minute winter	S3	1.019	J18	1.6	0.569	0.030	0.0150	
2880 minute winter	S4	1.022	BASIN 1	2.7	0.670	0.016	0.3593	
2880 minute winter	S5	1.024	SWALE 1	1.7	0.299	0.020	0.1126	
2880 minute winter	S6	1.026	BASIN 2	1.7	0.372	0.019	0.0284	
2880 minute winter	S7	1.028	SWALE 2	1.3	0.389	0.004	0.0594	
2880 minute winter	S8	1.030	S9	1.3	0.417	0.005	0.0394	
2880 minute winter	S9	1.031	S10	1.3	0.395	0.016	0.0229	
2880 minute winter	S10	1.032	SWALE 3	2.0	0.570	0.006	0.0158	
2880 minute winter	S11	32.000	J28	0.1	0.282	0.017	0.0016	
2880 minute winter	S12	32.003	J30	0.3	0.275	0.022	0.0056	
2880 minute winter	S13	32.007	J33	0.7	0.697	0.007	0.0131	
2880 minute winter	S14	32.009	J34	1.0	0.437	0.020	0.0120	
2880 minute winter	S15	32.013	J37	1.3	0.823	0.014	0.0148	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S16	1560	184.502	0.015	1.6	0.0235	0.0000	OK
2880 minute winter	S17	960	186.159	0.009	0.1	0.0146	0.0000	OK
2880 minute winter	S18	1440	185.843	0.019	0.4	0.0277	0.0000	OK
2880 minute winter	S19	1440	185.790	0.024	0.7	0.0341	0.0000	OK
2880 minute winter	S20	1620	184.651	0.009	0.1	0.0104	0.0000	OK
2880 minute winter	S21	1440	184.427	0.018	0.4	0.0237	0.0000	OK
2880 minute winter	S22	1500	184.256	0.025	0.7	0.0320	0.0000	OK
2880 minute winter	S23	1560	184.227	0.029	0.9	0.0380	0.0000	OK
2880 minute winter	S24	1560	184.056	0.039	1.7	0.0508	0.0000	OK
2880 minute winter	S25	1500	184.008	0.038	1.8	0.0524	0.0000	OK
2880 minute winter	S26	1020	185.384	0.007	0.1	0.0104	0.0000	OK
2880 minute winter	FC1	1560	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC2	1440	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S16	32.015	J38	1.6	0.534	0.005	0.0074	
2880 minute winter	S17	23.001	J20	0.1	0.283	0.017	0.0025	
2880 minute winter	S18	23.006	J24	0.4	0.262	0.013	0.0028	
2880 minute winter	S19	23.010	J27	0.7	0.296	0.023	0.0211	
2880 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
2880 minute winter	S21	48.004	J43	0.4	0.303	0.030	0.0068	
2880 minute winter	S22	48.008	J46	0.7	0.302	0.022	0.0056	
2880 minute winter	S23	48.011	J48	0.9	0.306	0.029	0.0033	
2880 minute winter	S24	48.018	J56	1.7	0.330	0.032	0.0219	
2880 minute winter	S25	48.021	BASIN 4	1.8	0.404	0.034	0.0172	
2880 minute winter	S26	65.001	J54	0.1	0.340	0.010	0.0026	
2880 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0023	
2880 minute winter	FC1	Infiltration		0.0				0.0
2880 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC3	1620	188.222	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC4	60	188.200	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC5	1500	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC6	60	187.850	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC7	60	187.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC8	1500	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC9	60	187.470	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC10	1440	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
2880 minute winter	FC3	Infiltration		0.0				0.0
2880 minute winter	FC4	5.000	J4	0.0	0.000	0.000	0.0000	
2880 minute winter	FC4	Infiltration		0.0				0.0
2880 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute winter	FC5	Infiltration		0.0				0.0
2880 minute winter	FC6	7.000	J6	0.0	0.000	0.000	0.0000	
2880 minute winter	FC6	Infiltration		0.0				0.0
2880 minute winter	FC7	8.000	J7	0.0	0.000	0.000	0.0000	
2880 minute winter	FC7	Infiltration		0.0				0.0
2880 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute winter	FC8	Infiltration		0.0				0.0
2880 minute winter	FC9	10.000	J9	0.0	0.000	0.000	0.0000	
2880 minute winter	FC9	Infiltration		0.0				0.0
2880 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC11	1500	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC12	1560	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC13	1440	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC14	1500	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute winter	FC15	60	187.200	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC16	60	186.900	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC17	60	187.000	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC10	Infiltration		0.0				0.0
2880 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute winter	FC11	Infiltration		0.0				0.0
2880 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute winter	FC12	Infiltration		0.0				0.0
2880 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute winter	FC13	Infiltration		0.0				0.0
2880 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute winter	FC14	Infiltration		0.0				0.0
2880 minute winter	FC15	16.000	J14	0.0	0.000	0.000	0.0000	
2880 minute winter	FC15	Infiltration		0.0				0.0
2880 minute winter	FC16	17.000	J15	0.0	0.000	0.000	0.0000	
2880 minute winter	FC16	Infiltration		0.0				0.0
2880 minute winter	FC17	18.000	J16	0.0	0.000	0.000	0.0000	
2880 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC18	60	186.550	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC19	1440	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC20	1440	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC21	1440	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC22	60	186.450	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC23	60	186.300	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC24	1560	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC25	1440	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC18	19.000	J17	0.0	0.000	0.000	0.0000	
2880 minute winter	FC18	Infiltration		0.0				0.0
2880 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute winter	FC19	Infiltration		0.0				0.0
2880 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute winter	FC20	Infiltration		0.0				0.0
2880 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute winter	FC21	Infiltration		0.0				0.0
2880 minute winter	FC22	23.000	S17	0.0	0.000	0.000	0.0008	
2880 minute winter	FC22	Infiltration		0.0				0.0
2880 minute winter	FC23	24.000	J20	0.0	0.000	0.000	0.0000	
2880 minute winter	FC23	Infiltration		0.0				0.0
2880 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2880 minute winter	FC24	Infiltration		0.0				0.0
2880 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC26	60	186.450	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC27	60	186.500	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC28	1440	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC29	1440	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC30	1440	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC31	60	186.450	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC32	60	186.450	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC25	Infiltration		0.0				0.0
2880 minute winter	FC26	27.000	J23	0.0	0.000	0.000	0.0000	
2880 minute winter	FC26	Infiltration		0.0				0.0
2880 minute winter	FC27	28.000	J24	0.0	0.000	0.000	0.0000	
2880 minute winter	FC27	Infiltration		0.0				0.0
2880 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute winter	FC28	Infiltration		0.0				0.0
2880 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute winter	FC29	Infiltration		0.0				0.0
2880 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute winter	FC30	Infiltration		0.0				0.0
2880 minute winter	FC31	33.000	J28	0.0	0.000	0.000	0.0008	
2880 minute winter	FC31	Infiltration		0.0				0.0
2880 minute winter	FC32	34.000	J29	0.0	0.000	0.000	0.0007	
2880 minute winter	FC32	Infiltration		0.0				0.0

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC33	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC34	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC35	1440	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC36	1440	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC37	1320	185.822	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC38	60	185.450	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC39	60	185.450	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC40	1440	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute winter	FC33	Infiltration		0.0				0.0
2880 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute winter	FC34	Infiltration		0.0				0.0
2880 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute winter	FC35	Infiltration		0.0				0.0
2880 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute winter	FC36	Infiltration		0.0				0.0
2880 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
2880 minute winter	FC37	Infiltration		0.0				0.0
2880 minute winter	FC38	40.000	J34	0.0	0.000	0.000	0.0000	
2880 minute winter	FC38	Infiltration		0.0				0.0
2880 minute winter	FC39	41.000	J35	0.0	0.000	0.000	0.0000	
2880 minute winter	FC39	Infiltration		0.0				0.0
2880 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC41	1440	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC42	1500	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC43	1560	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC44	60	184.600	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC45	60	184.600	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC46	1320	184.722	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC48	1440	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC40	Infiltration		0.0				0.0
2880 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute winter	FC41	Infiltration		0.0				0.0
2880 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute winter	FC42	Infiltration		0.0				0.0
2880 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute winter	FC43	Infiltration		0.0				0.0
2880 minute winter	FC44	46.000	J40	0.0	0.000	0.000	0.0000	
2880 minute winter	FC44	Infiltration		0.0				0.0
2880 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000	
2880 minute winter	FC45	Infiltration		0.0				0.0
2880 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
2880 minute winter	FC46	Infiltration		0.0				0.0
2880 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
2880 minute winter	FC48	50.000	J42	0.1	0.268	0.007	0.0019	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC49	1440	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC50	1560	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC51	1440	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC52	1560	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC53	1440	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC54	60	185.250	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC55	60	185.250	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC48	Infiltration		0.0				0.0
2880 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute winter	FC49	Infiltration		0.0				0.0
2880 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute winter	FC50	Infiltration		0.0				0.0
2880 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute winter	FC51	Infiltration		0.0				0.0
2880 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute winter	FC52	Infiltration		0.0				0.0
2880 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute winter	FC53	Infiltration		0.0				0.0
2880 minute winter	FC54	62.000	J51	0.0	0.000	0.000	0.0000	
2880 minute winter	FC54	Infiltration		0.0				0.0
2880 minute winter	FC55	64.000	J53	0.0	0.000	0.000	0.0000	
2880 minute winter	FC55	Infiltration		0.0				0.0

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC56	60	185.350	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC57	60	185.350	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC58	60	185.350	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC59	60	185.350	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC60	1500	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC61	1500	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC62	1620	185.272	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC63	60	185.400	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC56	53.000	J44	0.0	0.000	0.000	0.0000	
2880 minute winter	FC56	Infiltration		0.0				0.0
2880 minute winter	FC57	54.000	J45	0.0	0.000	0.000	0.0000	
2880 minute winter	FC57	Infiltration		0.0				0.0
2880 minute winter	FC58	56.000	J46	0.0	0.000	0.000	0.0000	
2880 minute winter	FC58	Infiltration		0.0				0.0
2880 minute winter	FC59	57.000	J47	0.0	0.000	0.000	0.0000	
2880 minute winter	FC59	Infiltration		0.0				0.0
2880 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute winter	FC60	Infiltration		0.0				0.0
2880 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute winter	FC61	Infiltration		0.0				0.0
2880 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
2880 minute winter	FC62	Infiltration		0.0				0.0
2880 minute winter	FC63	65.000	S26	0.0	0.000	0.000	0.0003	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC64	60	185.150	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC65	1560	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC66	1440	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC67	60	184.800	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC68	60	184.550	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	J1	1560	188.213	0.013	0.3	0.0196	0.0000	OK
2880 minute winter	J2	1440	188.076	0.020	0.4	0.0225	0.0000	OK
2880 minute winter	J3	1500	188.070	0.020	0.5	0.0229	0.0000	OK
2880 minute winter	J4	1440	188.052	0.013	0.5	0.0148	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC63	Infiltration		0.0				0.0
2880 minute winter	FC64	66.000	J54	0.0	0.000	0.000	0.0004	
2880 minute winter	FC64	Infiltration		0.0				0.0
2880 minute winter	FC65	67.000	J55	0.1	0.276	0.010	0.0008	
2880 minute winter	FC65	Infiltration		0.0				0.0
2880 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute winter	FC66	Infiltration		0.0				0.0
2880 minute winter	FC67	69.000	J56	0.0	0.000	0.000	0.0000	
2880 minute winter	FC67	Infiltration		0.0				0.0
2880 minute winter	FC68	70.000	J57	0.0	0.000	0.000	0.0000	
2880 minute winter	FC68	Infiltration		0.0				0.0
2880 minute winter	J1	1.001	J2	0.3	0.494	0.036	0.0030	
2880 minute winter	J2	1.002	J3	0.4	0.286	0.030	0.0015	
2880 minute winter	J3	1.003	J4	0.5	0.472	0.038	0.0021	
2880 minute winter	J4	1.004	J5	0.5	0.672	0.015	0.0026	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J5	1560	187.923	0.013	0.6	0.0149	0.0000	OK
2880 minute winter	J6	1500	187.666	0.016	0.6	0.0181	0.0000	OK
2880 minute winter	J7	1500	187.546	0.021	0.6	0.0233	0.0000	OK
2880 minute winter	J8	1500	187.535	0.014	0.7	0.0162	0.0000	OK
2880 minute winter	J9	1500	187.297	0.022	0.7	0.0244	0.0000	OK
2880 minute winter	J10	1500	187.283	0.013	0.8	0.0145	0.0000	OK
2880 minute winter	J11	1500	187.140	0.019	0.9	0.0211	0.0000	OK
2880 minute winter	J12	1560	186.831	0.022	1.3	0.0253	0.0000	OK
2880 minute winter	J13	1560	186.663	0.036	1.4	0.0405	0.0000	OK
2880 minute winter	J14	1500	186.657	0.035	1.4	0.0393	0.0000	OK
2880 minute winter	J15	1500	186.649	0.032	1.4	0.0363	0.0000	OK
2880 minute winter	J16	1560	186.627	0.022	1.4	0.0250	0.0000	OK
2880 minute winter	J17	1560	186.298	0.015	1.4	0.0166	0.0000	OK
2880 minute winter	J18	1500	186.142	0.017	1.7	0.0188	0.0000	OK
2880 minute winter	J19	1500	186.065	0.038	1.8	0.0425	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J5	1.005	J6	0.6	0.685	0.016	0.0050	
2880 minute winter	J6	1.006	J7	0.6	0.623	0.021	0.0019	
2880 minute winter	J7	1.007	J8	0.6	0.425	0.020	0.0016	
2880 minute winter	J8	1.008	J9	0.7	0.477	0.008	0.0126	
2880 minute winter	J9	1.009	J10	0.7	0.509	0.021	0.0017	
2880 minute winter	J10	1.010	J11	0.8	0.666	0.006	0.0030	
2880 minute winter	J11	1.011	S2	0.9	0.372	0.014	0.0133	
2880 minute winter	J12	1.013	J13	1.3	0.653	0.019	0.0129	
2880 minute winter	J13	1.014	J14	1.4	0.303	0.025	0.0088	
2880 minute winter	J14	1.015	J15	1.4	0.328	0.025	0.0082	
2880 minute winter	J15	1.016	J16	1.4	0.448	0.026	0.0162	
2880 minute winter	J16	1.017	J17	1.4	0.627	0.010	0.0075	
2880 minute winter	J17	1.018	S3	1.4	0.527	0.005	0.0053	
2880 minute winter	J18	1.020	J19	1.7	0.543	0.006	0.0049	
2880 minute winter	J19	1.021	S4	1.8	0.406	0.033	0.0196	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J20	960	186.040	0.009	0.1	0.0107	0.0000	OK
2880 minute winter	J21	1560	186.022	0.013	0.2	0.0145	0.0000	OK
2880 minute winter	J22	1500	185.979	0.016	0.3	0.0180	0.0000	OK
2880 minute winter	J23	1440	185.958	0.016	0.3	0.0179	0.0000	OK
2880 minute winter	J24	1440	185.835	0.018	0.4	0.0205	0.0000	OK
2880 minute winter	J25	1440	185.816	0.020	0.5	0.0230	0.0000	OK
2880 minute winter	J26	1440	185.802	0.023	0.6	0.0256	0.0000	OK
2880 minute winter	J27	1440	185.762	0.026	0.8	0.0295	0.0000	OK
2880 minute winter	J28	960	186.365	0.009	0.1	0.0103	0.0000	OK
2880 minute winter	J29	960	186.280	0.009	0.1	0.0104	0.0000	OK
2880 minute winter	J30	1500	186.165	0.018	0.4	0.0208	0.0000	OK
2880 minute winter	J31	1500	186.064	0.020	0.5	0.0228	0.0000	OK
2880 minute winter	J32	1500	186.033	0.022	0.6	0.0252	0.0000	OK
2880 minute winter	J33	1500	185.549	0.014	0.8	0.0161	0.0000	OK
2880 minute winter	J34	1560	185.151	0.026	1.0	0.0296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J20	23.002	J21	0.1	0.221	0.007	0.0022	
2880 minute winter	J21	23.003	J22	0.2	0.234	0.015	0.0069	
2880 minute winter	J22	23.004	J23	0.3	0.303	0.022	0.0036	
2880 minute winter	J23	23.005	S18	0.3	0.315	0.022	0.0071	
2880 minute winter	J24	23.007	J25	0.4	0.247	0.013	0.0100	
2880 minute winter	J25	23.008	J26	0.5	0.261	0.017	0.0095	
2880 minute winter	J26	23.009	S19	0.6	0.280	0.020	0.0079	
2880 minute winter	J27	23.011	S4	0.8	0.352	0.027	0.0055	
2880 minute winter	J28	32.001	J29	0.1	0.282	0.017	0.0031	
2880 minute winter	J29	32.002	S12	0.1	0.283	0.017	0.0016	
2880 minute winter	J30	32.004	J31	0.4	0.338	0.030	0.0059	
2880 minute winter	J31	32.005	J32	0.5	0.266	0.017	0.0183	
2880 minute winter	J32	32.006	S13	0.6	0.407	0.020	0.0080	
2880 minute winter	J33	32.008	S14	0.8	0.531	0.008	0.0139	
2880 minute winter	J34	32.010	J35	1.0	0.520	0.026	0.0176	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J35	1500	185.092	0.017	1.0	0.0191	0.0000	OK
2880 minute winter	J36	1500	184.903	0.028	1.1	0.0320	0.0000	OK
2880 minute winter	J37	1560	184.532	0.032	1.4	0.0358	0.0000	OK
2880 minute winter	J38	1500	184.337	0.037	1.7	0.0422	0.0000	OK
2880 minute winter	J39	1440	184.310	0.036	1.8	0.0411	0.0000	OK
2880 minute winter	J40	1500	184.294	0.029	1.8	0.0324	0.0000	OK
2880 minute winter	J41	1320	184.606	0.009	0.1	0.0104	0.0000	OK
2880 minute winter	J42	1500	184.550	0.013	0.2	0.0145	0.0000	OK
2880 minute winter	J43	1440	184.401	0.021	0.5	0.0236	0.0000	OK
2880 minute winter	J44	1440	184.390	0.020	0.5	0.0227	0.0000	OK
2880 minute winter	J45	1440	184.341	0.021	0.5	0.0234	0.0000	OK
2880 minute winter	J46	1560	184.246	0.024	0.7	0.0274	0.0000	OK
2880 minute winter	J47	1500	184.233	0.026	0.7	0.0292	0.0000	OK
2880 minute winter	J48	1500	184.222	0.028	1.0	0.0317	0.0000	OK
2880 minute winter	J49	1500	184.202	0.033	1.1	0.0376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J35	32.011	J36	1.0	0.485	0.011	0.0145	
2880 minute winter	J36	32.012	S15	1.1	0.498	0.037	0.0053	
2880 minute winter	J37	32.014	S16	1.4	0.550	0.025	0.0137	
2880 minute winter	J38	32.016	J39	1.7	0.345	0.031	0.0533	
2880 minute winter	J39	32.017	J40	1.8	0.441	0.033	0.0150	
2880 minute winter	J40	32.018	S10	1.8	0.540	0.018	0.0319	
2880 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
2880 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
2880 minute winter	J43	48.005	J44	0.5	0.348	0.036	0.0023	
2880 minute winter	J44	48.006	J45	0.5	0.350	0.037	0.0125	
2880 minute winter	J45	48.007	S22	0.5	0.355	0.037	0.0033	
2880 minute winter	J46	48.009	J47	0.7	0.293	0.023	0.0101	
2880 minute winter	J47	48.010	S23	0.7	0.252	0.023	0.0073	
2880 minute winter	J48	48.012	J49	1.0	0.310	0.033	0.0241	
2880 minute winter	J49	48.013	J50	1.1	0.311	0.036	0.0040	

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J50	1440	184.197	0.032	1.2	0.0362	0.0000	OK
2880 minute winter	J51	1440	184.183	0.035	1.2	0.0391	0.0000	OK
2880 minute winter	J52	1440	184.177	0.033	1.3	0.0374	0.0000	OK
2880 minute winter	J53	1440	184.160	0.033	1.3	0.0370	0.0000	OK
2880 minute winter	J54	1020	185.138	0.009	0.1	0.0106	0.0000	OK
2880 minute winter	J55	1440	185.105	0.011	0.2	0.0128	0.0000	OK
2880 minute winter	J56	1440	184.044	0.037	1.7	0.0422	0.0000	OK
2880 minute winter	J57	1440	184.023	0.038	1.7	0.0428	0.0000	OK
2880 minute winter	BASIN 1	1620	185.170	0.244	2.8	19.1634	0.0000	OK
2880 minute winter	BASIN 2	1860	184.831	0.531	1.7	53.4447	0.0000	OK
2880 minute winter	BASIN 3	3120	182.913	-0.187	2.2	115.2673	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J50	48.014	J51	1.2	0.329	0.040	0.0185	
2880 minute winter	J51	48.015	J52	1.2	0.322	0.039	0.0042	
2880 minute winter	J52	48.016	J53	1.3	0.362	0.043	0.0175	
2880 minute winter	J53	48.017	S24	1.3	0.401	0.043	0.0333	
2880 minute winter	J54	65.002	J55	0.1	0.302	0.017	0.0015	
2880 minute winter	J55	65.003	S24	0.2	0.414	0.026	0.0038	
2880 minute winter	J56	48.019	J57	1.7	0.335	0.031	0.0461	
2880 minute winter	J57	48.020	S25	1.7	0.332	0.031	0.0313	
2880 minute winter	BASIN 1	1.023	S5	1.7	0.093	0.020	0.6721	
2880 minute winter	BASIN 1	Infiltration		0.1				4.6
2880 minute winter	BASIN 2	1.027	S7	1.3	0.406	0.016	0.0738	
2880 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.056	0.1829	
2880 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2040	183.518	0.188	2.0	53.6715	0.0000	OK
2880 minute winter	SWALE 1	1620	184.911	0.037	1.7	0.0529	0.0000	OK
2880 minute winter	SWALE 2	1860	184.410	0.035	1.3	0.0504	0.0000	OK
2880 minute winter	SWALE 3	1860	184.029	0.034	2.0	0.0482	0.0000	OK
2880 minute winter	BH1	1860	184.831	0.754	0.3	2.9877	0.0000	OK
2880 minute winter	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	BH3	2040	183.518	0.199	0.3	2.5343	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.3	0.235	0.005	0.2189	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
2880 minute winter	SWALE 1	1.025	S6	1.7	0.304	0.020	0.2059	
2880 minute winter	SWALE 2	1.029	S8	1.3	0.376	0.016	0.0942	
2880 minute winter	SWALE 3	1.033	BASIN 3	2.0	0.442	0.016	0.1993	
2880 minute winter	BH1	Infiltration		0.1				12.1
2880 minute winter	BH2	Infiltration		0.0				0.0
2880 minute winter	BH3	Infiltration		0.2				21.7

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S1	1800	188.378	0.008	0.1	0.0112	0.0000	OK
4320 minute summer	S2	2280	187.072	0.033	1.3	0.0573	0.0000	OK
4320 minute summer	S3	2220	186.172	0.035	1.7	0.0461	0.0000	OK
4320 minute summer	S4	2220	185.406	0.028	3.1	0.0362	0.0000	OK
4320 minute summer	S5	2340	185.205	0.295	1.8	0.4222	0.0000	OK
4320 minute summer	S6	2340	184.845	0.037	1.8	0.0532	0.0000	OK
4320 minute summer	S7	2580	184.778	0.019	1.4	0.0268	0.0000	OK
4320 minute summer	S8	2580	184.350	0.020	1.4	0.0287	0.0000	OK
4320 minute summer	S9	2580	184.158	0.033	1.4	0.0466	0.0000	OK
4320 minute summer	S10	2220	184.135	0.022	2.3	0.0407	0.0000	OK
4320 minute summer	S11	2160	186.413	0.013	0.2	0.0201	0.0000	OK
4320 minute summer	S12	2160	186.196	0.020	0.5	0.0297	0.0000	OK
4320 minute summer	S13	2160	186.009	0.016	1.0	0.0243	0.0000	OK
4320 minute summer	S14	2280	185.201	0.026	1.3	0.0402	0.0000	OK
4320 minute summer	S15	2160	184.888	0.021	1.6	0.0331	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S1	1.000	J1	0.1	0.276	0.011	0.0036	
4320 minute summer	S2	1.012	J12	1.3	0.397	0.044	0.0049	
4320 minute summer	S3	1.019	J18	1.7	0.581	0.032	0.0156	
4320 minute summer	S4	1.022	BASIN 1	3.1	0.670	0.019	0.4457	
4320 minute summer	S5	1.024	SWALE 1	1.8	0.305	0.021	0.1185	
4320 minute summer	S6	1.026	BASIN 2	1.8	0.379	0.020	0.0301	
4320 minute summer	S7	1.028	SWALE 2	1.4	0.400	0.005	0.0624	
4320 minute summer	S8	1.030	S9	1.4	0.430	0.006	0.0412	
4320 minute summer	S9	1.031	S10	1.4	0.411	0.017	0.0238	
4320 minute summer	S10	1.032	SWALE 3	2.3	0.591	0.007	0.0172	
4320 minute summer	S11	32.000	J28	0.2	0.345	0.034	0.0026	
4320 minute summer	S12	32.003	J30	0.5	0.329	0.037	0.0077	
4320 minute summer	S13	32.007	J33	1.0	0.785	0.010	0.0166	
4320 minute summer	S14	32.009	J34	1.3	0.470	0.026	0.0145	
4320 minute summer	S15	32.013	J37	1.6	0.875	0.017	0.0171	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S16	2280	184.504	0.017	1.9	0.0255	0.0000	OK
4320 minute summer	S17	2160	186.163	0.013	0.2	0.0203	0.0000	OK
4320 minute summer	S18	2160	185.847	0.023	0.6	0.0339	0.0000	OK
4320 minute summer	S19	2280	185.794	0.028	1.0	0.0408	0.0000	OK
4320 minute summer	S20	2280	184.651	0.009	0.1	0.0104	0.0000	OK
4320 minute summer	S21	2160	184.427	0.018	0.4	0.0237	0.0000	OK
4320 minute summer	S22	2160	184.256	0.025	0.7	0.0320	0.0000	OK
4320 minute summer	S23	2220	184.227	0.029	0.9	0.0380	0.0000	OK
4320 minute summer	S24	2280	184.056	0.039	1.7	0.0508	0.0000	OK
4320 minute summer	S25	2160	184.008	0.038	1.8	0.0524	0.0000	OK
4320 minute summer	S26	1800	185.384	0.007	0.1	0.0104	0.0000	OK
4320 minute summer	FC1	2220	188.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC2	2160	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S16	32.015	J38	1.9	0.560	0.006	0.0083	
4320 minute summer	S17	23.001	J20	0.2	0.348	0.034	0.0041	
4320 minute summer	S18	23.006	J24	0.6	0.292	0.019	0.0038	
4320 minute summer	S19	23.010	J27	1.0	0.330	0.033	0.0270	
4320 minute summer	S20	48.001	J41	0.1	0.283	0.017	0.0016	
4320 minute summer	S21	48.004	J43	0.4	0.303	0.030	0.0068	
4320 minute summer	S22	48.008	J46	0.7	0.302	0.022	0.0056	
4320 minute summer	S23	48.011	J48	0.9	0.306	0.029	0.0033	
4320 minute summer	S24	48.018	J56	1.7	0.330	0.032	0.0219	
4320 minute summer	S25	48.021	BASIN 4	1.8	0.404	0.034	0.0172	
4320 minute summer	S26	65.001	J54	0.1	0.340	0.010	0.0026	
4320 minute summer	FC1	2.000	J1	0.1	0.212	0.016	0.0023	
4320 minute summer	FC1	Infiltration		0.0				0.0
4320 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
4320 minute summer	FC2	Infiltration		0.0				0.0

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC3	1980	188.222	0.022	0.1	0.0297	0.0000	OK
4320 minute summer	FC4	60	188.200	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC5	2280	188.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC6	60	187.850	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC7	60	187.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC8	2220	187.772	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC9	60	187.470	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC10	2220	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
4320 minute summer	FC3	Infiltration		0.0				0.0
4320 minute summer	FC4	5.000	J4	0.0	0.000	0.000	0.0000	
4320 minute summer	FC4	Infiltration		0.0				0.0
4320 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
4320 minute summer	FC5	Infiltration		0.0				0.0
4320 minute summer	FC6	7.000	J6	0.0	0.000	0.000	0.0000	
4320 minute summer	FC6	Infiltration		0.0				0.0
4320 minute summer	FC7	8.000	J7	0.0	0.000	0.000	0.0000	
4320 minute summer	FC7	Infiltration		0.0				0.0
4320 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
4320 minute summer	FC8	Infiltration		0.0				0.0
4320 minute summer	FC9	10.000	J9	0.0	0.000	0.000	0.0000	
4320 minute summer	FC9	Infiltration		0.0				0.0
4320 minute summer	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC11	2280	187.342	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC12	2280	187.252	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC13	2220	187.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC14	2280	186.922	0.022	0.1	0.2805	0.0000	OK
4320 minute summer	FC15	60	187.200	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC16	60	186.900	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC17	60	187.000	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC10	Infiltration		0.0				0.0
4320 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
4320 minute summer	FC11	Infiltration		0.0				0.0
4320 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
4320 minute summer	FC12	Infiltration		0.0				0.0
4320 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
4320 minute summer	FC13	Infiltration		0.0				0.0
4320 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
4320 minute summer	FC14	Infiltration		0.0				0.0
4320 minute summer	FC15	16.000	J14	0.0	0.000	0.000	0.0000	
4320 minute summer	FC15	Infiltration		0.0				0.0
4320 minute summer	FC16	17.000	J15	0.0	0.000	0.000	0.0000	
4320 minute summer	FC16	Infiltration		0.0				0.0
4320 minute summer	FC17	18.000	J16	0.0	0.000	0.000	0.0000	
4320 minute summer	FC17	Infiltration		0.0				0.0

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC18	60	186.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC19	2220	186.422	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC20	2160	186.972	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC21	2160	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC22	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC23	60	186.300	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC24	2280	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC25	2160	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC18	19.000	J17	0.0	0.000	0.000	0.0000	
4320 minute summer	FC18	Infiltration		0.0				0.0
4320 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
4320 minute summer	FC19	Infiltration		0.0				0.0
4320 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
4320 minute summer	FC20	Infiltration		0.0				0.0
4320 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
4320 minute summer	FC21	Infiltration		0.0				0.0
4320 minute summer	FC22	23.000	S17	0.0	0.000	0.000	0.0014	
4320 minute summer	FC22	Infiltration		0.0				0.0
4320 minute summer	FC23	24.000	J20	0.0	0.000	0.000	0.0000	
4320 minute summer	FC23	Infiltration		0.0				0.0
4320 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
4320 minute summer	FC24	Infiltration		0.0				0.0
4320 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC26	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC27	60	186.500	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC28	2160	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC29	2160	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC30	2220	186.772	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC31	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC32	60	186.450	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC25	Infiltration		0.0				0.0
4320 minute summer	FC26	27.000	J23	0.0	0.000	0.000	0.0000	
4320 minute summer	FC26	Infiltration		0.0				0.0
4320 minute summer	FC27	28.000	J24	0.0	0.000	0.000	0.0000	
4320 minute summer	FC27	Infiltration		0.0				0.0
4320 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
4320 minute summer	FC28	Infiltration		0.0				0.0
4320 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
4320 minute summer	FC29	Infiltration		0.0				0.0
4320 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
4320 minute summer	FC30	Infiltration		0.0				0.0
4320 minute summer	FC31	33.000	J28	0.0	0.000	0.000	0.0012	
4320 minute summer	FC31	Infiltration		0.0				0.0
4320 minute summer	FC32	34.000	J29	0.0	0.000	0.000	0.0012	
4320 minute summer	FC32	Infiltration		0.0				0.0

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC33	2280	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC34	2280	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC35	2160	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC36	2160	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC37	2040	185.822	0.022	0.1	0.0297	0.0000	OK
4320 minute summer	FC38	60	185.450	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC39	60	185.450	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC40	2160	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
4320 minute summer	FC33	Infiltration		0.0				0.0
4320 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
4320 minute summer	FC34	Infiltration		0.0				0.0
4320 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
4320 minute summer	FC35	Infiltration		0.0				0.0
4320 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
4320 minute summer	FC36	Infiltration		0.0				0.0
4320 minute summer	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
4320 minute summer	FC37	Infiltration		0.0				0.0
4320 minute summer	FC38	40.000	J34	0.0	0.000	0.000	0.0000	
4320 minute summer	FC38	Infiltration		0.0				0.0
4320 minute summer	FC39	41.000	J35	0.0	0.000	0.000	0.0000	
4320 minute summer	FC39	Infiltration		0.0				0.0
4320 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC41	2160	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC42	2280	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC43	2160	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC44	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC45	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC46	2400	184.722	0.022	0.1	0.0297	0.0000	OK
4320 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC48	2220	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC40	Infiltration		0.0				0.0
4320 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
4320 minute summer	FC41	Infiltration		0.0				0.0
4320 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
4320 minute summer	FC42	Infiltration		0.0				0.0
4320 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
4320 minute summer	FC43	Infiltration		0.0				0.0
4320 minute summer	FC44	46.000	J40	0.0	0.000	0.000	0.0000	
4320 minute summer	FC44	Infiltration		0.0				0.0
4320 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000	
4320 minute summer	FC45	Infiltration		0.0				0.0
4320 minute summer	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
4320 minute summer	FC46	Infiltration		0.0				0.0
4320 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
4320 minute summer	FC48	50.000	J42	0.1	0.268	0.007	0.0019	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC49	2280	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC50	2160	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC51	2160	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC52	2220	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC53	2220	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC54	60	185.250	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC55	60	185.250	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC48	Infiltration		0.0				0.0
4320 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
4320 minute summer	FC49	Infiltration		0.0				0.0
4320 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
4320 minute summer	FC50	Infiltration		0.0				0.0
4320 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
4320 minute summer	FC51	Infiltration		0.0				0.0
4320 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
4320 minute summer	FC52	Infiltration		0.0				0.0
4320 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
4320 minute summer	FC53	Infiltration		0.0				0.0
4320 minute summer	FC54	62.000	J51	0.0	0.000	0.000	0.0000	
4320 minute summer	FC54	Infiltration		0.0				0.0
4320 minute summer	FC55	64.000	J53	0.0	0.000	0.000	0.0000	
4320 minute summer	FC55	Infiltration		0.0				0.0

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC56	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC57	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC58	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC59	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC60	2220	185.372	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC61	2220	185.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC62	1980	185.272	0.022	0.1	0.0297	0.0000	OK
4320 minute summer	FC63	60	185.400	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC56	53.000	J44	0.0	0.000	0.000	0.0000	
4320 minute summer	FC56	Infiltration		0.0				0.0
4320 minute summer	FC57	54.000	J45	0.0	0.000	0.000	0.0000	
4320 minute summer	FC57	Infiltration		0.0				0.0
4320 minute summer	FC58	56.000	J46	0.0	0.000	0.000	0.0000	
4320 minute summer	FC58	Infiltration		0.0				0.0
4320 minute summer	FC59	57.000	J47	0.0	0.000	0.000	0.0000	
4320 minute summer	FC59	Infiltration		0.0				0.0
4320 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
4320 minute summer	FC60	Infiltration		0.0				0.0
4320 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
4320 minute summer	FC61	Infiltration		0.0				0.0
4320 minute summer	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
4320 minute summer	FC62	Infiltration		0.0				0.0
4320 minute summer	FC63	65.000	S26	0.0	0.000	0.000	0.0003	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC64	60	185.150	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC65	2220	185.172	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC66	2160	185.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC67	60	184.800	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC68	60	184.550	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	J1	2160	188.213	0.013	0.3	0.0196	0.0000	OK
4320 minute summer	J2	2160	188.076	0.020	0.4	0.0225	0.0000	OK
4320 minute summer	J3	2160	188.070	0.020	0.5	0.0229	0.0000	OK
4320 minute summer	J4	2280	188.052	0.013	0.5	0.0148	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC63	Infiltration		0.0				0.0
4320 minute summer	FC64	66.000	J54	0.0	0.000	0.000	0.0004	
4320 minute summer	FC64	Infiltration		0.0				0.0
4320 minute summer	FC65	67.000	J55	0.1	0.276	0.010	0.0008	
4320 minute summer	FC65	Infiltration		0.0				0.0
4320 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
4320 minute summer	FC66	Infiltration		0.0				0.0
4320 minute summer	FC67	69.000	J56	0.0	0.000	0.000	0.0000	
4320 minute summer	FC67	Infiltration		0.0				0.0
4320 minute summer	FC68	70.000	J57	0.0	0.000	0.000	0.0000	
4320 minute summer	FC68	Infiltration		0.0				0.0
4320 minute summer	J1	1.001	J2	0.3	0.494	0.036	0.0030	
4320 minute summer	J2	1.002	J3	0.4	0.286	0.030	0.0015	
4320 minute summer	J3	1.003	J4	0.5	0.472	0.038	0.0021	
4320 minute summer	J4	1.004	J5	0.5	0.672	0.015	0.0026	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J5	2280	187.923	0.013	0.6	0.0149	0.0000	OK
4320 minute summer	J6	2220	187.666	0.016	0.6	0.0181	0.0000	OK
4320 minute summer	J7	2220	187.546	0.021	0.6	0.0233	0.0000	OK
4320 minute summer	J8	2280	187.535	0.014	0.7	0.0162	0.0000	OK
4320 minute summer	J9	2160	187.297	0.022	0.7	0.0244	0.0000	OK
4320 minute summer	J10	2280	187.283	0.013	0.8	0.0145	0.0000	OK
4320 minute summer	J11	2160	187.140	0.019	0.9	0.0211	0.0000	OK
4320 minute summer	J12	2160	186.832	0.023	1.4	0.0262	0.0000	OK
4320 minute summer	J13	2280	186.664	0.037	1.5	0.0419	0.0000	OK
4320 minute summer	J14	2280	186.658	0.036	1.5	0.0406	0.0000	OK
4320 minute summer	J15	2220	186.650	0.033	1.5	0.0375	0.0000	OK
4320 minute summer	J16	2220	186.628	0.023	1.5	0.0258	0.0000	OK
4320 minute summer	J17	2220	186.298	0.015	1.5	0.0171	0.0000	OK
4320 minute summer	J18	2220	186.142	0.017	1.8	0.0194	0.0000	OK
4320 minute summer	J19	2280	186.066	0.039	1.9	0.0436	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J5	1.005	J6	0.6	0.685	0.016	0.0050	
4320 minute summer	J6	1.006	J7	0.6	0.623	0.021	0.0019	
4320 minute summer	J7	1.007	J8	0.6	0.425	0.020	0.0016	
4320 minute summer	J8	1.008	J9	0.7	0.477	0.008	0.0126	
4320 minute summer	J9	1.009	J10	0.7	0.509	0.021	0.0017	
4320 minute summer	J10	1.010	J11	0.8	0.666	0.006	0.0030	
4320 minute summer	J11	1.011	S2	0.9	0.357	0.014	0.0139	
4320 minute summer	J12	1.013	J13	1.4	0.667	0.021	0.0136	
4320 minute summer	J13	1.014	J14	1.5	0.309	0.026	0.0092	
4320 minute summer	J14	1.015	J15	1.5	0.335	0.027	0.0086	
4320 minute summer	J15	1.016	J16	1.5	0.457	0.028	0.0170	
4320 minute summer	J16	1.017	J17	1.5	0.639	0.011	0.0079	
4320 minute summer	J17	1.018	S3	1.5	0.542	0.005	0.0055	
4320 minute summer	J18	1.020	J19	1.8	0.553	0.006	0.0051	
4320 minute summer	J19	1.021	S4	1.9	0.412	0.034	0.0203	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J20	2160	186.044	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	J21	2160	186.025	0.016	0.3	0.0176	0.0000	OK
4320 minute summer	J22	2220	185.981	0.018	0.4	0.0207	0.0000	OK
4320 minute summer	J23	2220	185.960	0.018	0.4	0.0205	0.0000	OK
4320 minute summer	J24	2160	185.839	0.022	0.6	0.0251	0.0000	OK
4320 minute summer	J25	2160	185.820	0.024	0.7	0.0274	0.0000	OK
4320 minute summer	J26	2160	185.805	0.026	0.8	0.0297	0.0000	OK
4320 minute summer	J27	2280	185.766	0.030	1.1	0.0344	0.0000	OK
4320 minute summer	J28	2160	186.369	0.013	0.2	0.0144	0.0000	OK
4320 minute summer	J29	2160	186.284	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	J30	2280	186.169	0.022	0.6	0.0253	0.0000	OK
4320 minute summer	J31	2160	186.068	0.024	0.7	0.0268	0.0000	OK
4320 minute summer	J32	2160	186.036	0.025	0.8	0.0287	0.0000	OK
4320 minute summer	J33	2220	185.551	0.016	1.1	0.0186	0.0000	OK
4320 minute summer	J34	2160	185.155	0.030	1.3	0.0335	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J20	23.002	J21	0.2	0.241	0.015	0.0032	
4320 minute summer	J21	23.003	J22	0.3	0.276	0.022	0.0087	
4320 minute summer	J22	23.004	J23	0.4	0.329	0.030	0.0044	
4320 minute summer	J23	23.005	S18	0.4	0.341	0.030	0.0088	
4320 minute summer	J24	23.007	J25	0.6	0.280	0.020	0.0132	
4320 minute summer	J25	23.008	J26	0.7	0.289	0.023	0.0120	
4320 minute summer	J26	23.009	S19	0.8	0.294	0.026	0.0101	
4320 minute summer	J27	23.011	S4	1.1	0.383	0.037	0.0069	
4320 minute summer	J28	32.001	J29	0.2	0.345	0.034	0.0051	
4320 minute summer	J29	32.002	S12	0.2	0.347	0.034	0.0027	
4320 minute summer	J30	32.004	J31	0.6	0.376	0.045	0.0079	
4320 minute summer	J31	32.005	J32	0.7	0.301	0.023	0.0227	
4320 minute summer	J32	32.006	S13	0.8	0.438	0.027	0.0098	
4320 minute summer	J33	32.008	S14	1.1	0.596	0.011	0.0170	
4320 minute summer	J34	32.010	J35	1.3	0.565	0.034	0.0211	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J35	2160	185.094	0.019	1.3	0.0215	0.0000	OK
4320 minute summer	J36	2160	184.907	0.032	1.4	0.0357	0.0000	OK
4320 minute summer	J37	2160	184.535	0.035	1.7	0.0391	0.0000	OK
4320 minute summer	J38	2220	184.341	0.040	2.0	0.0458	0.0000	OK
4320 minute summer	J39	2160	184.313	0.039	2.1	0.0441	0.0000	OK
4320 minute summer	J40	2160	184.296	0.031	2.1	0.0349	0.0000	OK
4320 minute summer	J41	1980	184.606	0.009	0.1	0.0104	0.0000	OK
4320 minute summer	J42	2220	184.550	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	J43	2220	184.401	0.021	0.5	0.0236	0.0000	OK
4320 minute summer	J44	2280	184.390	0.020	0.5	0.0227	0.0000	OK
4320 minute summer	J45	2280	184.341	0.021	0.5	0.0234	0.0000	OK
4320 minute summer	J46	2160	184.246	0.024	0.7	0.0274	0.0000	OK
4320 minute summer	J47	2160	184.233	0.026	0.7	0.0292	0.0000	OK
4320 minute summer	J48	2160	184.222	0.028	1.0	0.0317	0.0000	OK
4320 minute summer	J49	2220	184.202	0.033	1.1	0.0376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J35	32.011	J36	1.3	0.534	0.015	0.0171	
4320 minute summer	J36	32.012	S15	1.4	0.542	0.047	0.0062	
4320 minute summer	J37	32.014	S16	1.7	0.591	0.031	0.0156	
4320 minute summer	J38	32.016	J39	2.0	0.364	0.037	0.0595	
4320 minute summer	J39	32.017	J40	2.1	0.461	0.038	0.0167	
4320 minute summer	J40	32.018	S10	2.1	0.564	0.021	0.0356	
4320 minute summer	J41	48.002	J42	0.1	0.282	0.017	0.0029	
4320 minute summer	J42	48.003	S21	0.2	0.347	0.034	0.0047	
4320 minute summer	J43	48.005	J44	0.5	0.348	0.036	0.0023	
4320 minute summer	J44	48.006	J45	0.5	0.350	0.037	0.0125	
4320 minute summer	J45	48.007	S22	0.5	0.355	0.037	0.0033	
4320 minute summer	J46	48.009	J47	0.7	0.293	0.023	0.0101	
4320 minute summer	J47	48.010	S23	0.7	0.252	0.023	0.0073	
4320 minute summer	J48	48.012	J49	1.0	0.310	0.033	0.0241	
4320 minute summer	J49	48.013	J50	1.1	0.311	0.036	0.0040	

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J50	2220	184.197	0.032	1.2	0.0362	0.0000	OK
4320 minute summer	J51	2280	184.183	0.035	1.2	0.0391	0.0000	OK
4320 minute summer	J52	2280	184.177	0.033	1.3	0.0374	0.0000	OK
4320 minute summer	J53	2280	184.160	0.033	1.3	0.0370	0.0000	OK
4320 minute summer	J54	1800	185.138	0.009	0.1	0.0106	0.0000	OK
4320 minute summer	J55	2280	185.105	0.011	0.2	0.0128	0.0000	OK
4320 minute summer	J56	2220	184.044	0.037	1.7	0.0422	0.0000	OK
4320 minute summer	J57	2160	184.023	0.038	1.7	0.0428	0.0000	OK
4320 minute summer	BASIN 1	2340	185.205	0.280	3.2	23.3371	0.0000	OK
4320 minute summer	BASIN 2	2580	184.832	0.532	1.8	53.5666	0.0000	OK
4320 minute summer	BASIN 3	3840	182.936	-0.164	2.6	124.0499	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J50	48.014	J51	1.2	0.329	0.040	0.0185	
4320 minute summer	J51	48.015	J52	1.2	0.322	0.039	0.0042	
4320 minute summer	J52	48.016	J53	1.3	0.362	0.043	0.0175	
4320 minute summer	J53	48.017	S24	1.3	0.401	0.043	0.0333	
4320 minute summer	J54	65.002	J55	0.1	0.302	0.017	0.0015	
4320 minute summer	J55	65.003	S24	0.2	0.414	0.026	0.0038	
4320 minute summer	J56	48.019	J57	1.7	0.335	0.031	0.0461	
4320 minute summer	J57	48.020	S25	1.7	0.332	0.031	0.0313	
4320 minute summer	BASIN 1	1.023	S5	1.8	0.096	0.021	0.7742	
4320 minute summer	BASIN 1	Infiltration		0.1				4.8
4320 minute summer	BASIN 2	1.027	S7	1.4	0.417	0.017	0.0776	
4320 minute summer	BASIN 2	71.000	BH1	0.3	0.272	0.057	0.1829	
4320 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
4320 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	BASIN 4	2700	183.510	0.180	2.0	51.4264	0.0000	OK
4320 minute summer	SWALE 1	2340	184.912	0.038	1.8	0.0547	0.0000	OK
4320 minute summer	SWALE 2	2580	184.411	0.036	1.4	0.0521	0.0000	OK
4320 minute summer	SWALE 3	2220	184.031	0.036	2.3	0.0509	0.0000	OK
4320 minute summer	BH1	2580	184.832	0.755	0.3	2.9907	0.0000	OK
4320 minute summer	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	BH3	2700	183.510	0.191	0.3	2.4985	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	BASIN 4	48.022	BH3	0.3	0.237	0.006	0.2088	
4320 minute summer	BASIN 4	Infiltration		0.0				0.0
4320 minute summer	SWALE 1	1.025	S6	1.8	0.310	0.021	0.2166	
4320 minute summer	SWALE 2	1.029	S8	1.4	0.386	0.017	0.0990	
4320 minute summer	SWALE 3	1.033	BASIN 3	2.3	0.455	0.018	0.2184	
4320 minute summer	BH1	Infiltration		0.1				16.2
4320 minute summer	BH2	Infiltration		0.0				0.0
4320 minute summer	BH3	Infiltration		0.2				29.2

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S1	1680	188.378	0.008	0.1	0.0112	0.0000	OK
4320 minute winter	S2	2160	187.062	0.023	0.6	0.0394	0.0000	OK
4320 minute winter	S3	2400	186.161	0.024	0.7	0.0313	0.0000	OK
4320 minute winter	S4	2040	185.396	0.018	1.1	0.0226	0.0000	OK
4320 minute winter	S5	2400	185.034	0.124	1.1	0.1775	0.0000	OK
4320 minute winter	S6	2400	184.838	0.030	1.1	0.0423	0.0000	OK
4320 minute winter	S7	2700	184.774	0.015	0.8	0.0208	0.0000	OK
4320 minute winter	S8	2700	184.346	0.016	0.8	0.0223	0.0000	OK
4320 minute winter	S9	2700	184.152	0.027	0.8	0.0384	0.0000	OK
4320 minute winter	S10	2700	184.132	0.018	1.5	0.0336	0.0000	OK
4320 minute winter	S11	1560	186.409	0.009	0.1	0.0144	0.0000	OK
4320 minute winter	S12	1560	186.189	0.013	0.2	0.0193	0.0000	OK
4320 minute winter	S13	1560	186.002	0.009	0.3	0.0141	0.0000	OK
4320 minute winter	S14	2280	185.191	0.016	0.5	0.0250	0.0000	OK
4320 minute winter	S15	2100	184.880	0.013	0.6	0.0208	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S1	1.000	J1	0.1	0.276	0.011	0.0030	
4320 minute winter	S2	1.012	J12	0.6	0.321	0.020	0.0028	
4320 minute winter	S3	1.019	J18	0.7	0.434	0.013	0.0086	
4320 minute winter	S4	1.022	BASIN 1	1.1	0.670	0.007	0.0504	
4320 minute winter	S5	1.024	SWALE 1	1.1	0.264	0.013	0.0829	
4320 minute winter	S6	1.026	BASIN 2	1.1	0.332	0.012	0.0215	
4320 minute winter	S7	1.028	SWALE 2	0.8	0.322	0.003	0.0443	
4320 minute winter	S8	1.030	S9	0.8	0.337	0.003	0.0298	
4320 minute winter	S9	1.031	S10	0.8	0.305	0.010	0.0182	
4320 minute winter	S10	1.032	SWALE 3	1.5	0.521	0.005	0.0130	
4320 minute winter	S11	32.000	J28	0.1	0.282	0.017	0.0016	
4320 minute winter	S12	32.003	J30	0.2	0.269	0.015	0.0038	
4320 minute winter	S13	32.007	J33	0.3	0.564	0.003	0.0076	
4320 minute winter	S14	32.009	J34	0.5	0.356	0.010	0.0074	
4320 minute winter	S15	32.013	J37	0.6	0.650	0.006	0.0086	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	2280	184.498	0.011	0.7	0.0162	0.0000	OK
4320 minute winter	S17	1500	186.159	0.009	0.1	0.0146	0.0000	OK
4320 minute winter	S18	1500	185.837	0.013	0.2	0.0197	0.0000	OK
4320 minute winter	S19	1500	185.782	0.016	0.3	0.0231	0.0000	OK
4320 minute winter	S20	2340	184.651	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	S21	2100	184.422	0.013	0.2	0.0173	0.0000	OK
4320 minute winter	S22	2040	184.247	0.016	0.3	0.0210	0.0000	OK
4320 minute winter	S23	2040	184.217	0.019	0.4	0.0249	0.0000	OK
4320 minute winter	S24	2040	184.042	0.025	0.7	0.0328	0.0000	OK
4320 minute winter	S25	2040	183.996	0.026	0.8	0.0358	0.0000	OK
4320 minute winter	S26	1680	185.384	0.007	0.1	0.0104	0.0000	OK
4320 minute winter	FC1	60	188.250	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC2	60	188.150	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	0.7	0.429	0.002	0.0039	
4320 minute winter	S17	23.001	J20	0.1	0.283	0.017	0.0025	
4320 minute winter	S18	23.006	J24	0.2	0.212	0.006	0.0017	
4320 minute winter	S19	23.010	J27	0.3	0.239	0.010	0.0112	
4320 minute winter	S20	48.001	J41	0.1	0.282	0.017	0.0016	
4320 minute winter	S21	48.004	J43	0.2	0.269	0.015	0.0038	
4320 minute winter	S22	48.008	J46	0.3	0.240	0.010	0.0030	
4320 minute winter	S23	48.011	J48	0.4	0.255	0.013	0.0018	
4320 minute winter	S24	48.018	J56	0.7	0.258	0.013	0.0115	
4320 minute winter	S25	48.021	BASIN 4	0.8	0.326	0.015	0.0095	
4320 minute winter	S26	65.001	J54	0.1	0.332	0.010	0.0026	
4320 minute winter	FC1	2.000	J1	0.0	0.000	0.000	0.0011	
4320 minute winter	FC1	Infiltration		0.0				0.0
4320 minute winter	FC2	3.000	J2	0.0	0.000	0.000	0.0000	
4320 minute winter	FC2	Infiltration		0.0				0.0

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC3	2340	188.222	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC4	60	188.200	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC5	60	188.000	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC6	60	187.850	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC7	60	187.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC8	60	187.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC9	60	187.470	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC10	2280	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
4320 minute winter	FC3	Infiltration		0.0				0.0
4320 minute winter	FC4	5.000	J4	0.0	0.000	0.000	0.0000	
4320 minute winter	FC4	Infiltration		0.0				0.0
4320 minute winter	FC5	6.000	J5	0.0	0.000	0.000	0.0000	
4320 minute winter	FC5	Infiltration		0.0				0.0
4320 minute winter	FC6	7.000	J6	0.0	0.000	0.000	0.0000	
4320 minute winter	FC6	Infiltration		0.0				0.0
4320 minute winter	FC7	8.000	J7	0.0	0.000	0.000	0.0000	
4320 minute winter	FC7	Infiltration		0.0				0.0
4320 minute winter	FC8	9.000	J8	0.0	0.000	0.000	0.0000	
4320 minute winter	FC8	Infiltration		0.0				0.0
4320 minute winter	FC9	10.000	J9	0.0	0.000	0.000	0.0000	
4320 minute winter	FC9	Infiltration		0.0				0.0
4320 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC11	60	187.320	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC12	60	187.230	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC13	60	187.000	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC14	60	186.900	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC15	60	187.200	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC16	60	186.900	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC17	60	187.000	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC10	Infiltration		0.0				0.0
4320 minute winter	FC11	12.000	J11	0.0	0.000	0.000	0.0000	
4320 minute winter	FC11	Infiltration		0.0				0.0
4320 minute winter	FC12	13.000	S2	0.0	0.000	0.000	0.0000	
4320 minute winter	FC12	Infiltration		0.0				0.0
4320 minute winter	FC13	14.000	J12	0.0	0.000	0.000	0.0000	
4320 minute winter	FC13	Infiltration		0.0				0.0
4320 minute winter	FC14	15.000	J13	0.0	0.000	0.000	0.0000	
4320 minute winter	FC14	Infiltration		0.0				0.0
4320 minute winter	FC15	16.000	J14	0.0	0.000	0.000	0.0000	
4320 minute winter	FC15	Infiltration		0.0				0.0
4320 minute winter	FC16	17.000	J15	0.0	0.000	0.000	0.0000	
4320 minute winter	FC16	Infiltration		0.0				0.0
4320 minute winter	FC17	18.000	J16	0.0	0.000	0.000	0.0000	
4320 minute winter	FC17	Infiltration		0.0				0.0

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC18	60	186.550	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC19	60	186.400	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC20	60	186.950	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC21	60	186.300	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC22	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC23	60	186.300	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC24	60	186.300	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC25	60	186.550	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC18	19.000	J17	0.0	0.000	0.000	0.0000	
4320 minute winter	FC18	Infiltration		0.0				0.0
4320 minute winter	FC19	20.000	S3	0.0	0.000	0.000	0.0000	
4320 minute winter	FC19	Infiltration		0.0				0.0
4320 minute winter	FC20	21.000	J18	0.0	0.000	0.000	0.0000	
4320 minute winter	FC20	Infiltration		0.0				0.0
4320 minute winter	FC21	22.000	J19	0.0	0.000	0.000	0.0000	
4320 minute winter	FC21	Infiltration		0.0				0.0
4320 minute winter	FC22	23.000	S17	0.0	0.000	0.000	0.0008	
4320 minute winter	FC22	Infiltration		0.0				0.0
4320 minute winter	FC23	24.000	J20	0.0	0.000	0.000	0.0000	
4320 minute winter	FC23	Infiltration		0.0				0.0
4320 minute winter	FC24	25.000	J21	0.0	0.000	0.000	0.0000	
4320 minute winter	FC24	Infiltration		0.0				0.0
4320 minute winter	FC25	26.000	J22	0.0	0.000	0.000	0.0000	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC26	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC27	60	186.500	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC28	60	186.500	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC29	60	186.500	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC30	60	186.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC31	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC32	60	186.450	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC25	Infiltration		0.0				0.0
4320 minute winter	FC26	27.000	J23	0.0	0.000	0.000	0.0000	
4320 minute winter	FC26	Infiltration		0.0				0.0
4320 minute winter	FC27	28.000	J24	0.0	0.000	0.000	0.0000	
4320 minute winter	FC27	Infiltration		0.0				0.0
4320 minute winter	FC28	29.000	J25	0.0	0.000	0.000	0.0000	
4320 minute winter	FC28	Infiltration		0.0				0.0
4320 minute winter	FC29	30.000	J26	0.0	0.000	0.000	0.0000	
4320 minute winter	FC29	Infiltration		0.0				0.0
4320 minute winter	FC30	31.000	J27	0.0	0.000	0.000	0.0000	
4320 minute winter	FC30	Infiltration		0.0				0.0
4320 minute winter	FC31	33.000	J28	0.0	0.000	0.000	0.0008	
4320 minute winter	FC31	Infiltration		0.0				0.0
4320 minute winter	FC32	34.000	J29	0.0	0.000	0.000	0.0007	
4320 minute winter	FC32	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC33	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC34	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC35	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC36	60	186.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC37	2400	185.822	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC38	60	185.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC39	60	185.450	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC40	60	185.500	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC33	35.000	S12	0.0	0.000	0.000	0.0000	
4320 minute winter	FC33	Infiltration		0.0				0.0
4320 minute winter	FC34	36.000	J30	0.0	0.000	0.000	0.0000	
4320 minute winter	FC34	Infiltration		0.0				0.0
4320 minute winter	FC35	37.000	J31	0.0	0.000	0.000	0.0000	
4320 minute winter	FC35	Infiltration		0.0				0.0
4320 minute winter	FC36	38.000	J32	0.0	0.000	0.000	0.0000	
4320 minute winter	FC36	Infiltration		0.0				0.0
4320 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
4320 minute winter	FC37	Infiltration		0.0				0.0
4320 minute winter	FC38	40.000	J34	0.0	0.000	0.000	0.0000	
4320 minute winter	FC38	Infiltration		0.0				0.0
4320 minute winter	FC39	41.000	J35	0.0	0.000	0.000	0.0000	
4320 minute winter	FC39	Infiltration		0.0				0.0
4320 minute winter	FC40	42.000	J36	0.0	0.000	0.000	0.0000	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC41	60	184.850	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC42	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC43	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC44	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC45	60	184.600	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC46	2400	184.722	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC48	60	184.800	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC40	Infiltration		0.0				0.0
4320 minute winter	FC41	43.000	J37	0.0	0.000	0.000	0.0000	
4320 minute winter	FC41	Infiltration		0.0				0.0
4320 minute winter	FC42	44.000	J38	0.0	0.000	0.000	0.0000	
4320 minute winter	FC42	Infiltration		0.0				0.0
4320 minute winter	FC43	45.000	J39	0.0	0.000	0.000	0.0000	
4320 minute winter	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.0	0.000	0.000	0.0000	
4320 minute winter	FC44	Infiltration		0.0				0.0
4320 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000	
4320 minute winter	FC45	Infiltration		0.0				0.0
4320 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
4320 minute winter	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
4320 minute winter	FC48	50.000	J42	0.0	0.000	0.000	0.0009	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC49	60	184.800	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC50	60	184.800	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC51	60	184.850	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC52	60	185.250	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC53	60	185.250	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC54	60	185.250	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC55	60	185.250	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC48	Infiltration		0.0				0.0
4320 minute winter	FC49	51.000	S21	0.0	0.000	0.000	0.0000	
4320 minute winter	FC49	Infiltration		0.0				0.0
4320 minute winter	FC50	52.000	J43	0.0	0.000	0.000	0.0000	
4320 minute winter	FC50	Infiltration		0.0				0.0
4320 minute winter	FC51	55.000	S22	0.0	0.000	0.000	0.0000	
4320 minute winter	FC51	Infiltration		0.0				0.0
4320 minute winter	FC52	58.000	S23	0.0	0.000	0.000	0.0000	
4320 minute winter	FC52	Infiltration		0.0				0.0
4320 minute winter	FC53	61.000	J50	0.0	0.000	0.000	0.0000	
4320 minute winter	FC53	Infiltration		0.0				0.0
4320 minute winter	FC54	62.000	J51	0.0	0.000	0.000	0.0000	
4320 minute winter	FC54	Infiltration		0.0				0.0
4320 minute winter	FC55	64.000	J53	0.0	0.000	0.000	0.0000	
4320 minute winter	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC56	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC57	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC58	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC59	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC60	60	185.350	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC61	60	185.300	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC62	2160	185.272	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC63	60	185.400	0.000	0.0	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC56	53.000	J44	0.0	0.000	0.000	0.0000	
4320 minute winter	FC56	Infiltration		0.0				0.0
4320 minute winter	FC57	54.000	J45	0.0	0.000	0.000	0.0000	
4320 minute winter	FC57	Infiltration		0.0				0.0
4320 minute winter	FC58	56.000	J46	0.0	0.000	0.000	0.0000	
4320 minute winter	FC58	Infiltration		0.0				0.0
4320 minute winter	FC59	57.000	J47	0.0	0.000	0.000	0.0000	
4320 minute winter	FC59	Infiltration		0.0				0.0
4320 minute winter	FC60	59.000	J48	0.0	0.000	0.000	0.0000	
4320 minute winter	FC60	Infiltration		0.0				0.0
4320 minute winter	FC61	60.000	J49	0.0	0.000	0.000	0.0000	
4320 minute winter	FC61	Infiltration		0.0				0.0
4320 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
4320 minute winter	FC62	Infiltration		0.0				0.0
4320 minute winter	FC63	65.000	S26	0.0	0.000	0.000	0.0003	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC64	60	185.150	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC65	60	185.150	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC66	60	185.000	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC67	60	184.800	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC68	60	184.550	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	J1	1680	188.211	0.011	0.2	0.0161	0.0000	OK
4320 minute winter	J2	2220	188.070	0.014	0.2	0.0158	0.0000	OK
4320 minute winter	J3	2160	188.066	0.016	0.3	0.0181	0.0000	OK
4320 minute winter	J4	2280	188.049	0.010	0.3	0.0118	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC63	Infiltration		0.0				0.0
4320 minute winter	FC64	66.000	J54	0.0	0.000	0.000	0.0004	
4320 minute winter	FC64	Infiltration		0.0				0.0
4320 minute winter	FC65	67.000	J55	0.0	0.000	0.000	0.0003	
4320 minute winter	FC65	Infiltration		0.0				0.0
4320 minute winter	FC66	68.000	S24	0.0	0.000	0.000	0.0000	
4320 minute winter	FC66	Infiltration		0.0				0.0
4320 minute winter	FC67	69.000	J56	0.0	0.000	0.000	0.0000	
4320 minute winter	FC67	Infiltration		0.0				0.0
4320 minute winter	FC68	70.000	J57	0.0	0.000	0.000	0.0000	
4320 minute winter	FC68	Infiltration		0.0				0.0
4320 minute winter	J1	1.001	J2	0.2	0.438	0.024	0.0023	
4320 minute winter	J2	1.002	J3	0.2	0.258	0.015	0.0009	
4320 minute winter	J3	1.003	J4	0.3	0.400	0.023	0.0015	
4320 minute winter	J4	1.004	J5	0.3	0.606	0.009	0.0018	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J5	2340	187.920	0.010	0.3	0.0109	0.0000	OK
4320 minute winter	J6	2340	187.661	0.011	0.3	0.0129	0.0000	OK
4320 minute winter	J7	2400	187.540	0.015	0.3	0.0170	0.0000	OK
4320 minute winter	J8	2400	187.531	0.010	0.3	0.0110	0.0000	OK
4320 minute winter	J9	2040	187.290	0.015	0.3	0.0167	0.0000	OK
4320 minute winter	J10	2040	187.279	0.009	0.4	0.0106	0.0000	OK
4320 minute winter	J11	2280	187.134	0.013	0.4	0.0145	0.0000	OK
4320 minute winter	J12	2100	186.825	0.015	0.6	0.0175	0.0000	OK
4320 minute winter	J13	2340	186.650	0.023	0.6	0.0264	0.0000	OK
4320 minute winter	J14	2280	186.645	0.023	0.6	0.0261	0.0000	OK
4320 minute winter	J15	2220	186.639	0.022	0.6	0.0249	0.0000	OK
4320 minute winter	J16	2340	186.620	0.015	0.6	0.0166	0.0000	OK
4320 minute winter	J17	2340	186.293	0.010	0.6	0.0113	0.0000	OK
4320 minute winter	J18	2400	186.136	0.011	0.7	0.0126	0.0000	OK
4320 minute winter	J19	2040	186.051	0.024	0.7	0.0273	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J5	1.005	J6	0.3	0.563	0.008	0.0030	
4320 minute winter	J6	1.006	J7	0.3	0.510	0.011	0.0012	
4320 minute winter	J7	1.007	J8	0.3	0.356	0.010	0.0010	
4320 minute winter	J8	1.008	J9	0.3	0.360	0.003	0.0071	
4320 minute winter	J9	1.009	J10	0.3	0.368	0.009	0.0010	
4320 minute winter	J10	1.010	J11	0.4	0.562	0.003	0.0017	
4320 minute winter	J11	1.011	S2	0.4	0.276	0.006	0.0080	
4320 minute winter	J12	1.013	J13	0.6	0.518	0.009	0.0075	
4320 minute winter	J13	1.014	J14	0.6	0.240	0.011	0.0047	
4320 minute winter	J14	1.015	J15	0.6	0.251	0.011	0.0046	
4320 minute winter	J15	1.016	J16	0.6	0.343	0.011	0.0091	
4320 minute winter	J16	1.017	J17	0.6	0.492	0.004	0.0041	
4320 minute winter	J17	1.018	S3	0.6	0.390	0.002	0.0031	
4320 minute winter	J18	1.020	J19	0.7	0.422	0.002	0.0026	
4320 minute winter	J19	1.021	S4	0.7	0.317	0.013	0.0098	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J20	1500	186.040	0.009	0.1	0.0107	0.0000	OK
4320 minute winter	J21	1500	186.018	0.009	0.1	0.0106	0.0000	OK
4320 minute winter	J22	1500	185.972	0.009	0.1	0.0106	0.0000	OK
4320 minute winter	J23	1500	185.952	0.010	0.1	0.0108	0.0000	OK
4320 minute winter	J24	1500	185.830	0.013	0.2	0.0150	0.0000	OK
4320 minute winter	J25	1500	185.809	0.013	0.2	0.0152	0.0000	OK
4320 minute winter	J26	1500	185.792	0.013	0.2	0.0148	0.0000	OK
4320 minute winter	J27	1500	185.752	0.016	0.3	0.0185	0.0000	OK
4320 minute winter	J28	1560	186.365	0.009	0.1	0.0103	0.0000	OK
4320 minute winter	J29	1560	186.280	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J30	1560	186.160	0.013	0.2	0.0149	0.0000	OK
4320 minute winter	J31	1560	186.057	0.013	0.2	0.0149	0.0000	OK
4320 minute winter	J32	1560	186.025	0.014	0.2	0.0155	0.0000	OK
4320 minute winter	J33	2280	185.545	0.010	0.4	0.0116	0.0000	OK
4320 minute winter	J34	2340	185.144	0.019	0.5	0.0215	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J20	23.002	J21	0.1	0.221	0.007	0.0017	
4320 minute winter	J21	23.003	J22	0.1	0.221	0.007	0.0036	
4320 minute winter	J22	23.004	J23	0.1	0.218	0.007	0.0016	
4320 minute winter	J23	23.005	S18	0.1	0.235	0.007	0.0032	
4320 minute winter	J24	23.007	J25	0.2	0.212	0.007	0.0058	
4320 minute winter	J25	23.008	J26	0.2	0.214	0.007	0.0046	
4320 minute winter	J26	23.009	S19	0.2	0.188	0.007	0.0040	
4320 minute winter	J27	23.011	S4	0.3	0.277	0.010	0.0026	
4320 minute winter	J28	32.001	J29	0.1	0.282	0.017	0.0031	
4320 minute winter	J29	32.002	S12	0.1	0.283	0.017	0.0016	
4320 minute winter	J30	32.004	J31	0.2	0.279	0.015	0.0036	
4320 minute winter	J31	32.005	J32	0.2	0.211	0.007	0.0093	
4320 minute winter	J32	32.006	S13	0.2	0.266	0.007	0.0040	
4320 minute winter	J33	32.008	S14	0.4	0.436	0.004	0.0084	
4320 minute winter	J34	32.010	J35	0.5	0.422	0.013	0.0109	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J35	2040	185.087	0.012	0.5	0.0138	0.0000	OK
4320 minute winter	J36	2100	184.895	0.020	0.5	0.0224	0.0000	OK
4320 minute winter	J37	2100	184.522	0.022	0.6	0.0247	0.0000	OK
4320 minute winter	J38	2160	184.324	0.024	0.7	0.0275	0.0000	OK
4320 minute winter	J39	2040	184.298	0.024	0.7	0.0271	0.0000	OK
4320 minute winter	J40	2040	184.283	0.018	0.7	0.0207	0.0000	OK
4320 minute winter	J41	2040	184.606	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J42	2040	184.546	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J43	2040	184.393	0.013	0.2	0.0149	0.0000	OK
4320 minute winter	J44	2040	184.383	0.013	0.2	0.0146	0.0000	OK
4320 minute winter	J45	2040	184.333	0.013	0.2	0.0149	0.0000	OK
4320 minute winter	J46	2040	184.238	0.016	0.3	0.0182	0.0000	OK
4320 minute winter	J47	2040	184.223	0.016	0.3	0.0184	0.0000	OK
4320 minute winter	J48	2040	184.212	0.018	0.4	0.0206	0.0000	OK
4320 minute winter	J49	2040	184.188	0.019	0.4	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J35	32.011	J36	0.5	0.406	0.006	0.0086	
4320 minute winter	J36	32.012	S15	0.5	0.387	0.017	0.0031	
4320 minute winter	J37	32.014	S16	0.6	0.410	0.011	0.0079	
4320 minute winter	J38	32.016	J39	0.7	0.266	0.013	0.0285	
4320 minute winter	J39	32.017	J40	0.7	0.325	0.013	0.0079	
4320 minute winter	J40	32.018	S10	0.7	0.406	0.007	0.0165	
4320 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0022	
4320 minute winter	J42	48.003	S21	0.1	0.283	0.017	0.0029	
4320 minute winter	J43	48.005	J44	0.2	0.271	0.014	0.0012	
4320 minute winter	J44	48.006	J45	0.2	0.271	0.015	0.0065	
4320 minute winter	J45	48.007	S22	0.2	0.279	0.015	0.0017	
4320 minute winter	J46	48.009	J47	0.3	0.239	0.010	0.0053	
4320 minute winter	J47	48.010	S23	0.3	0.207	0.010	0.0038	
4320 minute winter	J48	48.012	J49	0.4	0.255	0.013	0.0117	
4320 minute winter	J49	48.013	J50	0.4	0.254	0.013	0.0018	

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	2040	184.183	0.018	0.4	0.0207	0.0000	OK
4320 minute winter	J51	2100	184.168	0.020	0.4	0.0228	0.0000	OK
4320 minute winter	J52	2160	184.165	0.021	0.5	0.0232	0.0000	OK
4320 minute winter	J53	2040	184.148	0.021	0.5	0.0237	0.0000	OK
4320 minute winter	J54	1680	185.138	0.009	0.1	0.0106	0.0000	OK
4320 minute winter	J55	1680	185.102	0.008	0.1	0.0092	0.0000	OK
4320 minute winter	J56	2040	184.031	0.024	0.7	0.0274	0.0000	OK
4320 minute winter	J57	2040	184.009	0.024	0.7	0.0273	0.0000	OK
4320 minute winter	BASIN 1	2400	185.034	0.109	1.2	3.8745	0.0000	OK
4320 minute winter	BASIN 2	2700	184.826	0.526	1.1	52.8301	0.0000	OK
4320 minute winter	BASIN 3	3660	182.872	-0.228	1.6	99.7919	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	0.4	0.247	0.013	0.0082	
4320 minute winter	J51	48.015	J52	0.4	0.236	0.013	0.0020	
4320 minute winter	J52	48.016	J53	0.5	0.275	0.016	0.0089	
4320 minute winter	J53	48.017	S24	0.5	0.309	0.017	0.0167	
4320 minute winter	J54	65.002	J55	0.1	0.302	0.017	0.0012	
4320 minute winter	J55	65.003	S24	0.1	0.336	0.013	0.0023	
4320 minute winter	J56	48.019	J57	0.7	0.264	0.013	0.0241	
4320 minute winter	J57	48.020	S25	0.7	0.252	0.013	0.0170	
4320 minute winter	BASIN 1	1.023	S5	1.1	0.096	0.013	0.2492	
4320 minute winter	BASIN 1	Infiltration		0.1				2.1
4320 minute winter	BASIN 2	1.027	S7	0.8	0.330	0.010	0.0560	
4320 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.057	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 2 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	2820	183.470	0.140	0.9	39.7420	0.0000	OK
4320 minute winter	SWALE 1	2400	184.904	0.030	1.1	0.0430	0.0000	OK
4320 minute winter	SWALE 2	2700	184.404	0.029	0.8	0.0418	0.0000	OK
4320 minute winter	SWALE 3	2700	184.025	0.030	1.5	0.0423	0.0000	OK
4320 minute winter	BH1	2700	184.826	0.748	0.3	2.9722	0.0000	OK
4320 minute winter	BH2	60	183.083	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	BH3	2820	183.470	0.151	0.2	2.3110	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.2	0.196	0.004	0.1545	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	1.1	0.266	0.013	0.1528	
4320 minute winter	SWALE 2	1.029	S8	0.8	0.311	0.010	0.0700	
4320 minute winter	SWALE 3	1.033	BASIN 3	1.5	0.413	0.012	0.1589	
4320 minute winter	BH1	Infiltration		0.1				17.1
4320 minute winter	BH2	Infiltration		0.0				0.0
4320 minute winter	BH3	Infiltration		0.2				30.5

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.552	0.182	6.8	0.2680	0.0000	SURCHARGED
15 minute summer	S2	11	187.221	0.182	31.4	0.3142	0.0000	OK
15 minute summer	S3	12	186.308	0.171	40.7	0.2267	0.0000	OK
15 minute summer	S4	12	185.534	0.156	76.2	0.1996	0.0000	OK
15 minute summer	S5	53	185.476	0.566	5.0	0.8102	0.0000	SURCHARGED
15 minute summer	S6	56	184.852	0.044	2.5	0.0628	0.0000	OK
15 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.276	0.151	2.2	0.2160	0.0000	OK
15 minute summer	S10	12	184.276	0.163	69.2	0.2962	0.0000	OK
15 minute summer	S11	12	186.678	0.278	8.8	0.4372	0.0000	SURCHARGED
15 minute summer	S12	11	186.365	0.189	15.6	0.2795	0.0000	SURCHARGED
15 minute summer	S13	11	186.077	0.083	25.4	0.1249	0.0000	OK
15 minute summer	S14	11	185.351	0.176	35.5	0.2772	0.0000	OK
15 minute summer	S15	11	184.996	0.128	46.2	0.2020	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	5.7	0.774	0.648	0.0642	
15 minute summer	S2	1.012	J12	31.2	1.002	1.046	0.0463	
15 minute summer	S3	1.019	J18	40.8	1.139	0.765	0.1836	
15 minute summer	S4	1.022	BASIN 1	76.6	2.171	0.457	0.7563	
15 minute summer	S5	1.024	SWALE 1	2.5	0.393	0.030	0.1524	
15 minute summer	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0353	
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2491	
15 minute summer	S9	1.031	S10	-2.2	-0.212	-0.026	0.2918	
15 minute summer	S10	1.032	SWALE 3	68.1	1.317	0.206	0.2347	
15 minute summer	S11	32.000	J28	7.3	0.936	1.232	0.0355	
15 minute summer	S12	32.003	J30	15.3	0.868	1.144	0.0895	
15 minute summer	S13	32.007	J33	25.3	1.989	0.258	0.1655	
15 minute summer	S14	32.009	J34	35.4	1.088	0.697	0.1705	
15 minute summer	S15	32.013	J37	46.1	2.139	0.499	0.2010	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.614	0.127	56.3	0.1941	0.0000	OK
15 minute summer	S17	11	186.360	0.210	9.4	0.3334	0.0000	SURCHARGED
15 minute summer	S18	12	186.008	0.184	18.8	0.2725	0.0000	OK
15 minute summer	S19	12	185.956	0.190	28.1	0.2742	0.0000	OK
15 minute summer	S20	16	184.668	0.026	0.8	0.0291	0.0000	OK
15 minute summer	S21	11	184.508	0.099	7.7	0.1315	0.0000	OK
15 minute summer	S22	12	184.422	0.191	15.4	0.2475	0.0000	OK
15 minute summer	S23	12	184.403	0.205	21.7	0.2642	0.0000	OK
15 minute summer	S24	12	184.246	0.229	38.7	0.3012	0.0000	OK
15 minute summer	S25	12	184.168	0.198	44.6	0.2735	0.0000	OK
15 minute summer	S26	11	185.446	0.069	7.6	0.1023	0.0000	OK
15 minute summer	FC1	15	188.881	0.631	3.2	0.9554	0.0000	SURCHARGED
15 minute summer	FC2	15	188.778	0.628	3.2	0.9155	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	56.3	1.166	0.177	0.1080	
15 minute summer	S17	23.001	J20	8.8	1.119	1.477	0.0549	
15 minute summer	S18	23.006	J24	18.4	0.575	0.577	0.0634	
15 minute summer	S19	23.010	J27	28.0	0.815	0.935	0.3057	
15 minute summer	S20	48.001	J41	0.8	0.519	0.134	0.0072	
15 minute summer	S21	48.004	J43	7.7	0.609	0.574	0.0658	
15 minute summer	S22	48.008	J46	15.0	0.479	0.476	0.0880	
15 minute summer	S23	48.011	J48	21.3	0.605	0.692	0.0421	
15 minute summer	S24	48.018	J56	38.5	0.681	0.719	0.2395	
15 minute summer	S25	48.021	BASIN 4	44.4	1.004	0.834	0.1700	
15 minute summer	S26	65.001	J54	7.5	1.035	0.721	0.0580	
15 minute summer	FC1	2.000	J1	2.0	0.545	0.321	0.0372	
15 minute summer	FC1	Infiltration		0.0				0.0
15 minute summer	FC2	3.000	J2	1.0	0.512	0.160	0.0227	
15 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC3	16	188.840	0.640	4.4	1.3676	0.0000	SURCHARGED
15 minute summer	FC4	14	188.727	0.527	2.4	0.6597	0.0000	SURCHARGED
15 minute summer	FC5	15	188.627	0.627	3.2	0.9137	0.0000	SURCHARGED
15 minute summer	FC6	14	188.377	0.527	2.4	0.6592	0.0000	SURCHARGED
15 minute summer	FC7	14	188.278	0.528	2.4	0.6600	0.0000	SURCHARGED
15 minute summer	FC8	15	188.378	0.628	3.2	0.9112	0.0000	SURCHARGED
15 minute summer	FC9	14	187.998	0.528	2.4	0.6607	0.0000	SURCHARGED
15 minute summer	FC10	16	188.115	0.645	4.4	1.3664	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC3	4.000	J3	0.8	0.539	0.127	0.0307	
15 minute summer	FC3	Infiltration		0.0				0.0
15 minute summer	FC4	5.000	J4	0.7	0.591	0.097	0.0112	
15 minute summer	FC4	Infiltration		0.0				0.0
15 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
15 minute summer	FC5	Infiltration		0.0				0.0
15 minute summer	FC6	7.000	J6	0.7	0.654	0.083	0.0185	
15 minute summer	FC6	Infiltration		0.0				0.0
15 minute summer	FC7	8.000	J7	0.7	0.572	0.101	0.0091	
15 minute summer	FC7	Infiltration		0.0				0.0
15 minute summer	FC8	9.000	J8	0.8	0.718	0.082	0.0046	
15 minute summer	FC8	Infiltration		0.0				0.0
15 minute summer	FC9	10.000	J9	0.7	0.504	0.121	0.0103	
15 minute summer	FC9	Infiltration		0.0				0.0
15 minute summer	FC10	11.000	J10	0.8	0.560	0.120	0.0089	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC11	15	187.948	0.628	3.2	0.9134	0.0000	SURCHARGED
15 minute summer	FC12	15	187.859	0.629	3.2	0.9131	0.0000	SURCHARGED
15 minute summer	FC13	15	187.628	0.628	3.2	0.9134	0.0000	SURCHARGED
15 minute summer	FC14	17	186.994	0.094	3.2	1.1974	0.0000	OK
15 minute summer	FC15	14	187.726	0.526	2.4	0.6577	0.0000	SURCHARGED
15 minute summer	FC16	14	187.428	0.528	2.4	0.6604	0.0000	SURCHARGED
15 minute summer	FC17	14	187.526	0.526	2.4	0.6584	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC10	Infiltration		0.0				0.0
15 minute summer	FC11	12.000	J11	0.8	0.515	0.133	0.0118	
15 minute summer	FC11	Infiltration		0.0				0.0
15 minute summer	FC12	13.000	S2	0.8	0.515	0.133	0.0205	
15 minute summer	FC12	Infiltration		0.0				0.0
15 minute summer	FC13	14.000	J12	0.8	0.516	0.132	0.0104	
15 minute summer	FC13	Infiltration		0.0				0.0
15 minute summer	FC14	15.000	J13	0.3	0.387	0.048	0.0055	
15 minute summer	FC14	Infiltration		0.0				0.0
15 minute summer	FC15	16.000	J14	0.7	1.070	0.042	0.0032	
15 minute summer	FC15	Infiltration		0.0				0.0
15 minute summer	FC16	17.000	J15	0.7	0.527	0.114	0.0103	
15 minute summer	FC16	Infiltration		0.0				0.0
15 minute summer	FC17	18.000	J16	0.7	0.836	0.059	0.0042	
15 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC18	14	187.078	0.528	2.4	0.6607	0.0000	SURCHARGED
15 minute summer	FC19	15	187.028	0.628	3.2	0.9135	0.0000	SURCHARGED
15 minute summer	FC20	15	187.577	0.627	3.2	0.9100	0.0000	SURCHARGED
15 minute summer	FC21	15	186.928	0.628	3.2	0.9136	0.0000	SURCHARGED
15 minute summer	FC22	17	186.541	0.091	2.4	0.8829	0.0000	OK
15 minute summer	FC23	14	186.826	0.526	2.4	0.6581	0.0000	SURCHARGED
15 minute summer	FC24	15	186.928	0.627	3.2	0.9098	0.0000	SURCHARGED
15 minute summer	FC25	15	187.177	0.627	3.2	0.9099	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC18	19.000	J17	0.7	0.502	0.121	0.0100	
15 minute summer	FC18	Infiltration		0.0				0.0
15 minute summer	FC19	20.000	S3	0.8	0.513	0.133	0.0101	
15 minute summer	FC19	Infiltration		0.0				0.0
15 minute summer	FC20	21.000	J18	0.8	1.039	0.049	0.0033	
15 minute summer	FC20	Infiltration		0.0				0.0
15 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0117	
15 minute summer	FC21	Infiltration		0.0				0.0
15 minute summer	FC22	23.000	S17	0.3	0.502	0.019	0.0195	
15 minute summer	FC22	Infiltration		0.0				0.0
15 minute summer	FC23	24.000	J20	0.7	0.883	0.054	0.0138	
15 minute summer	FC23	Infiltration		0.0				0.0
15 minute summer	FC24	25.000	J21	0.8	0.937	0.057	0.0140	
15 minute summer	FC24	Infiltration		0.0				0.0
15 minute summer	FC25	26.000	J22	0.8	1.032	0.050	0.0036	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC26	17	186.538	0.088	2.4	0.8864	0.0000	OK
15 minute summer	FC27	14	187.026	0.526	2.4	0.6574	0.0000	SURCHARGED
15 minute summer	FC28	15	187.127	0.627	3.2	0.9100	0.0000	SURCHARGED
15 minute summer	FC29	15	187.126	0.626	3.2	0.9100	0.0000	SURCHARGED
15 minute summer	FC30	15	187.377	0.627	3.2	0.9098	0.0000	SURCHARGED
15 minute summer	FC31	14	186.994	0.544	2.4	0.6802	0.0000	SURCHARGED
15 minute summer	FC32	14	186.976	0.526	2.4	0.6582	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC25	Infiltration		0.0				0.0
15 minute summer	FC26	27.000	J23	0.3	0.672	0.021	0.0019	
15 minute summer	FC26	Infiltration		0.0				0.0
15 minute summer	FC27	28.000	J24	0.7	1.244	0.034	0.0115	
15 minute summer	FC27	Infiltration		0.0				0.0
15 minute summer	FC28	29.000	J25	0.8	1.037	0.049	0.0033	
15 minute summer	FC28	Infiltration		0.0				0.0
15 minute summer	FC29	30.000	J26	0.8	1.008	0.051	0.0037	
15 minute summer	FC29	Infiltration		0.0				0.0
15 minute summer	FC30	31.000	J27	0.8	0.967	0.054	0.0036	
15 minute summer	FC30	Infiltration		0.0				0.0
15 minute summer	FC31	33.000	J28	1.5	0.538	0.171	0.0333	
15 minute summer	FC31	Infiltration		0.0				0.0
15 minute summer	FC32	34.000	J29	0.7	0.406	0.057	0.0180	
15 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC33	15	187.078	0.628	3.2	0.9097	0.0000	SURCHARGED
15 minute summer	FC34	15	187.078	0.628	3.2	0.9131	0.0000	SURCHARGED
15 minute summer	FC35	15	187.077	0.627	3.2	0.9098	0.0000	SURCHARGED
15 minute summer	FC36	15	187.076	0.626	3.2	0.9101	0.0000	SURCHARGED
15 minute summer	FC37	16	186.448	0.648	4.4	1.3649	0.0000	SURCHARGED
15 minute summer	FC38	17	185.525	0.075	2.4	0.9011	0.0000	OK
15 minute summer	FC39	14	185.976	0.526	2.4	0.6581	0.0000	SURCHARGED
15 minute summer	FC40	15	186.082	0.582	3.2	0.9158	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC33	35.000	S12	0.8	0.948	0.056	0.0178	
15 minute summer	FC33	Infiltration		0.0				0.0
15 minute summer	FC34	36.000	J30	0.8	0.528	0.127	0.0071	
15 minute summer	FC34	Infiltration		0.0				0.0
15 minute summer	FC35	37.000	J31	0.8	0.957	0.055	0.0042	
15 minute summer	FC35	Infiltration		0.0				0.0
15 minute summer	FC36	38.000	J32	0.8	1.004	0.052	0.0039	
15 minute summer	FC36	Infiltration		0.0				0.0
15 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076	
15 minute summer	FC37	Infiltration		0.0				0.0
15 minute summer	FC38	40.000	J34	0.3	0.628	0.020	0.0083	
15 minute summer	FC38	Infiltration		0.0				0.0
15 minute summer	FC39	41.000	J35	0.7	0.941	0.050	0.0034	
15 minute summer	FC39	Infiltration		0.0				0.0
15 minute summer	FC40	42.000	J36	0.8	1.168	0.040	0.0111	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC41	15	185.477	0.627	3.2	0.9110	0.0000	SURCHARGED
15 minute summer	FC42	15	185.227	0.627	3.2	0.9114	0.0000	SURCHARGED
15 minute summer	FC43	15	185.222	0.621	3.2	0.9116	0.0000	SURCHARGED
15 minute summer	FC44	10	184.634	0.034	2.4	0.0430	0.0000	OK
15 minute summer	FC45	14	185.126	0.526	2.4	0.6583	0.0000	SURCHARGED
15 minute summer	FC46	16	185.345	0.645	4.4	1.3686	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	15	185.427	0.627	3.2	0.9098	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC40	Infiltration		0.0				0.0
15 minute summer	FC41	43.000	J37	0.8	0.769	0.075	0.0052	
15 minute summer	FC41	Infiltration		0.0				0.0
15 minute summer	FC42	44.000	J38	0.8	0.670	0.091	0.0151	
15 minute summer	FC42	Infiltration		0.0				0.0
15 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0064	
15 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	2.4	1.045	0.223	0.0100	
15 minute summer	FC44	Infiltration		0.0				0.0
15 minute summer	FC45	47.000	S10	0.7	0.874	0.055	0.0038	
15 minute summer	FC45	Infiltration		0.0				0.0
15 minute summer	FC46	48.000	S20	0.8	0.506	0.134	0.0095	
15 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute summer	FC48	50.000	J42	0.8	0.734	0.057	0.0086	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC49	15	185.428	0.628	3.2	0.9137	0.0000	SURCHARGED
15 minute summer	FC50	15	185.428	0.628	3.2	0.9137	0.0000	SURCHARGED
15 minute summer	FC51	15	185.477	0.627	3.2	0.9138	0.0000	SURCHARGED
15 minute summer	FC52	15	185.875	0.625	3.2	0.9113	0.0000	SURCHARGED
15 minute summer	FC53	15	185.877	0.627	3.2	0.9111	0.0000	SURCHARGED
15 minute summer	FC54	14	185.777	0.527	2.4	0.6587	0.0000	SURCHARGED
15 minute summer	FC55	14	185.776	0.526	2.4	0.6580	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC48	Infiltration		0.0				0.0
15 minute summer	FC49	51.000	S21	0.8	0.511	0.132	0.0067	
15 minute summer	FC49	Infiltration		0.0				0.0
15 minute summer	FC50	52.000	J43	0.8	0.511	0.133	0.0072	
15 minute summer	FC50	Infiltration		0.0				0.0
15 minute summer	FC51	55.000	S22	0.8	0.514	0.133	0.0094	
15 minute summer	FC51	Infiltration		0.0				0.0
15 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
15 minute summer	FC52	Infiltration		0.0				0.0
15 minute summer	FC53	61.000	J50	0.8	0.703	0.085	0.0048	
15 minute summer	FC53	Infiltration		0.0				0.0
15 minute summer	FC54	62.000	J51	0.7	0.760	0.067	0.0038	
15 minute summer	FC54	Infiltration		0.0				0.0
15 minute summer	FC55	64.000	J53	0.7	0.962	0.048	0.0031	
15 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC56	14	185.876	0.526	2.4	0.6579	0.0000	SURCHARGED
15 minute summer	FC57	14	185.876	0.526	2.4	0.6581	0.0000	SURCHARGED
15 minute summer	FC58	14	185.876	0.526	2.4	0.6582	0.0000	SURCHARGED
15 minute summer	FC59	14	185.876	0.526	2.4	0.6584	0.0000	SURCHARGED
15 minute summer	FC60	15	185.978	0.628	3.2	0.9106	0.0000	SURCHARGED
15 minute summer	FC61	15	185.928	0.628	3.2	0.9113	0.0000	SURCHARGED
15 minute summer	FC62	16	185.893	0.643	4.4	1.3692	0.0000	SURCHARGED
15 minute summer	FC63	14	185.932	0.532	2.4	0.6659	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC56	53.000	J44	0.7	0.993	0.047	0.0048	
15 minute summer	FC56	Infiltration		0.0				0.0
15 minute summer	FC57	54.000	J45	0.7	0.932	0.051	0.0050	
15 minute summer	FC57	Infiltration		0.0				0.0
15 minute summer	FC58	56.000	J46	0.7	0.895	0.054	0.0050	
15 minute summer	FC58	Infiltration		0.0				0.0
15 minute summer	FC59	57.000	J47	0.7	0.829	0.060	0.0056	
15 minute summer	FC59	Infiltration		0.0				0.0
15 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062	
15 minute summer	FC60	Infiltration		0.0				0.0
15 minute summer	FC61	60.000	J49	0.8	0.675	0.091	0.0086	
15 minute summer	FC61	Infiltration		0.0				0.0
15 minute summer	FC62	63.000	J52	0.8	0.624	0.104	0.0120	
15 minute summer	FC62	Infiltration		0.0				0.0
15 minute summer	FC63	65.000	S26	0.9	0.558	0.147	0.0112	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC64	14	185.701	0.551	2.4	0.6889	0.0000	SURCHARGED
15 minute summer	FC65	15	185.778	0.628	3.2	0.9165	0.0000	SURCHARGED
15 minute summer	FC66	15	185.628	0.628	3.2	0.9124	0.0000	SURCHARGED
15 minute summer	FC67	17	184.887	0.087	2.4	0.8911	0.0000	OK
15 minute summer	FC68	14	185.077	0.527	2.4	0.6594	0.0000	SURCHARGED
15 minute summer	J1	12	188.462	0.262	12.3	0.3847	0.0000	SURCHARGED
15 minute summer	J2	12	188.190	0.134	12.6	0.1515	0.0000	OK
15 minute summer	J3	12	188.162	0.112	13.4	0.1269	0.0000	OK
15 minute summer	J4	12	188.118	0.079	14.0	0.0896	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC63	Infiltration		0.0				0.0
15 minute summer	FC64	66.000	J54	1.4	0.341	0.238	0.0172	
15 minute summer	FC64	Infiltration		0.0				0.0
15 minute summer	FC65	67.000	J55	1.2	0.415	0.120	0.0138	
15 minute summer	FC65	Infiltration		0.0				0.0
15 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029	
15 minute summer	FC66	Infiltration		0.0				0.0
15 minute summer	FC67	69.000	J56	0.3	0.371	0.046	0.0015	
15 minute summer	FC67	Infiltration		0.0				0.0
15 minute summer	FC68	70.000	J57	0.7	0.657	0.080	0.0025	
15 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	11.9	1.518	1.432	0.0389	
15 minute summer	J2	1.002	J3	12.6	0.814	0.936	0.0160	
15 minute summer	J3	1.003	J4	13.3	1.123	1.002	0.0230	
15 minute summer	J4	1.004	J5	13.9	1.606	0.409	0.0307	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.979	0.069	14.7	0.0782	0.0000	OK
15 minute summer	J6	13	187.751	0.101	15.4	0.1140	0.0000	OK
15 minute summer	J7	13	187.635	0.110	16.2	0.1243	0.0000	OK
15 minute summer	J8	13	187.590	0.069	17.3	0.0775	0.0000	OK
15 minute summer	J9	13	187.388	0.113	17.7	0.1281	0.0000	OK
15 minute summer	J10	13	187.340	0.070	18.3	0.0788	0.0000	OK
15 minute summer	J11	12	187.226	0.105	19.2	0.1184	0.0000	OK
15 minute summer	J12	11	186.936	0.127	31.9	0.1437	0.0000	OK
15 minute summer	J13	12	186.819	0.192	32.1	0.2168	0.0000	OK
15 minute summer	J14	12	186.799	0.177	32.8	0.1998	0.0000	OK
15 minute summer	J15	12	186.771	0.154	33.5	0.1743	0.0000	OK
15 minute summer	J16	12	186.727	0.122	34.2	0.1377	0.0000	OK
15 minute summer	J17	12	186.383	0.100	34.9	0.1133	0.0000	OK
15 minute summer	J18	12	186.258	0.133	41.6	0.1508	0.0000	OK
15 minute summer	J19	12	186.219	0.192	42.4	0.2172	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	14.7	1.436	0.385	0.0582	
15 minute summer	J6	1.006	J7	15.5	1.407	0.544	0.0216	
15 minute summer	J7	1.007	J8	16.5	1.128	0.537	0.0166	
15 minute summer	J8	1.008	J9	17.0	1.133	0.191	0.1278	
15 minute summer	J9	1.009	J10	17.5	1.156	0.524	0.0183	
15 minute summer	J10	1.010	J11	18.5	1.314	0.143	0.0348	
15 minute summer	J11	1.011	S2	19.3	0.805	0.300	0.1402	
15 minute summer	J12	1.013	J13	31.8	1.482	0.475	0.1419	
15 minute summer	J13	1.014	J14	32.2	0.711	0.568	0.0860	
15 minute summer	J14	1.015	J15	32.9	0.826	0.583	0.0762	
15 minute summer	J15	1.016	J16	33.6	1.062	0.630	0.1621	
15 minute summer	J16	1.017	J17	34.3	1.455	0.241	0.0792	
15 minute summer	J17	1.018	S3	34.9	1.157	0.112	0.0584	
15 minute summer	J18	1.020	J19	41.6	1.067	0.145	0.0580	
15 minute summer	J19	1.021	S4	42.4	0.990	0.768	0.1880	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	12	186.145	0.114	9.4	0.1285	0.0000	OK
15 minute summer	J21	12	186.122	0.113	10.0	0.1280	0.0000	OK
15 minute summer	J22	12	186.086	0.123	10.8	0.1395	0.0000	OK
15 minute summer	J23	12	186.058	0.116	10.9	0.1313	0.0000	OK
15 minute summer	J24	12	185.999	0.182	19.0	0.2056	0.0000	OK
15 minute summer	J25	12	185.984	0.188	19.7	0.2131	0.0000	OK
15 minute summer	J26	12	185.970	0.191	20.6	0.2164	0.0000	OK
15 minute summer	J27	12	185.909	0.173	28.8	0.1961	0.0000	OK
15 minute summer	J28	13	186.598	0.242	7.3	0.2739	0.0000	SURCHARGED
15 minute summer	J29	12	186.459	0.187	7.6	0.2120	0.0000	SURCHARGED
15 minute summer	J30	12	186.307	0.160	16.0	0.1806	0.0000	SURCHARGED
15 minute summer	J31	12	186.172	0.128	16.7	0.1452	0.0000	OK
15 minute summer	J32	12	186.126	0.115	17.6	0.1301	0.0000	OK
15 minute summer	J33	11	185.612	0.077	26.1	0.0875	0.0000	OK
15 minute summer	J34	11	185.293	0.168	35.6	0.1898	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	9.2	0.670	0.684	0.0539	
15 minute summer	J21	23.003	J22	10.0	0.685	0.745	0.1192	
15 minute summer	J22	23.004	J23	10.7	0.715	0.790	0.0541	
15 minute summer	J23	23.005	S18	11.1	0.841	0.829	0.1065	
15 minute summer	J24	23.007	J25	18.9	0.554	0.629	0.2161	
15 minute summer	J25	23.008	J26	19.8	0.559	0.655	0.1776	
15 minute summer	J26	23.009	S19	20.6	0.599	0.675	0.1331	
15 minute summer	J27	23.011	S4	28.9	0.971	0.967	0.0708	
15 minute summer	J28	32.001	J29	6.9	0.877	1.159	0.0691	
15 minute summer	J29	32.002	S12	8.1	1.032	1.359	0.0364	
15 minute summer	J30	32.004	J31	16.0	0.940	1.203	0.0805	
15 minute summer	J31	32.005	J32	16.8	0.766	0.558	0.2134	
15 minute summer	J32	32.006	S13	17.6	1.091	0.585	0.0889	
15 minute summer	J33	32.008	S14	26.0	1.185	0.250	0.2060	
15 minute summer	J34	32.010	J35	35.5	1.333	0.921	0.2388	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.194	0.118	36.1	0.1340	0.0000	OK
15 minute summer	J36	11	185.049	0.174	36.8	0.1963	0.0000	OK
15 minute summer	J37	11	184.677	0.177	46.8	0.2001	0.0000	OK
15 minute summer	J38	11	184.561	0.261	57.0	0.2956	0.0000	OK
15 minute summer	J39	11	184.505	0.230	57.4	0.2607	0.0000	OK
15 minute summer	J40	11	184.453	0.188	59.4	0.2124	0.0000	OK
15 minute summer	J41	17	184.622	0.025	0.8	0.0280	0.0000	OK
15 minute summer	J42	16	184.574	0.037	1.6	0.0415	0.0000	OK
15 minute summer	J43	12	184.487	0.107	8.4	0.1214	0.0000	OK
15 minute summer	J44	12	184.472	0.102	8.9	0.1149	0.0000	OK
15 minute summer	J45	12	184.440	0.120	9.4	0.1360	0.0000	OK
15 minute summer	J46	12	184.416	0.194	15.6	0.2198	0.0000	OK
15 minute summer	J47	12	184.409	0.202	16.0	0.2289	0.0000	OK
15 minute summer	J48	12	184.392	0.198	22.1	0.2243	0.0000	OK
15 minute summer	J49	12	184.373	0.204	22.7	0.2309	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	36.0	1.322	0.405	0.1857	
15 minute summer	J36	32.012	S15	36.7	1.313	1.222	0.0667	
15 minute summer	J37	32.014	S16	46.8	1.323	0.847	0.1858	
15 minute summer	J38	32.016	J39	56.7	0.918	1.050	0.6665	
15 minute summer	J39	32.017	J40	57.1	1.089	1.044	0.1910	
15 minute summer	J40	32.018	S10	59.1	1.379	0.593	0.4107	
15 minute summer	J41	48.002	J42	0.8	0.415	0.134	0.0128	
15 minute summer	J42	48.003	S21	1.6	0.624	0.269	0.0245	
15 minute summer	J43	48.005	J44	8.3	0.646	0.591	0.0210	
15 minute summer	J44	48.006	J45	8.7	0.683	0.655	0.1222	
15 minute summer	J45	48.007	S22	9.4	0.715	0.690	0.0354	
15 minute summer	J46	48.009	J47	15.4	0.435	0.499	0.1562	
15 minute summer	J47	48.010	S23	15.9	0.421	0.529	0.0998	
15 minute summer	J48	48.012	J49	22.0	0.606	0.735	0.2792	
15 minute summer	J49	48.013	J50	22.6	0.609	0.737	0.0423	

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.361	0.196	23.3	0.2215	0.0000	OK
15 minute summer	J51	13	184.342	0.194	23.9	0.2193	0.0000	OK
15 minute summer	J52	13	184.326	0.182	24.5	0.2057	0.0000	OK
15 minute summer	J53	13	184.298	0.171	25.2	0.1932	0.0000	OK
15 minute summer	J54	12	185.285	0.156	7.8	0.1760	0.0000	SURCHARGED
15 minute summer	J55	13	185.209	0.115	8.2	0.1298	0.0000	SURCHARGED
15 minute summer	J56	12	184.226	0.219	38.7	0.2479	0.0000	OK
15 minute summer	J57	12	184.198	0.213	39.2	0.2405	0.0000	OK
15 minute summer	BASIN 1	53	185.476	0.551	80.0	57.2050	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.626	0.326	3.8	30.9841	0.0000	OK
15 minute summer	BASIN 3	255	182.749	-0.351	79.6	53.7521	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	23.2	0.635	0.776	0.1852	
15 minute summer	J51	48.015	J52	23.7	0.671	0.772	0.0402	
15 minute summer	J52	48.016	J53	24.5	0.733	0.803	0.1627	
15 minute summer	J53	48.017	S24	25.4	0.869	0.842	0.3133	
15 minute summer	J54	65.002	J55	7.5	0.958	1.266	0.0285	
15 minute summer	J55	65.003	S24	7.7	1.040	1.014	0.0595	
15 minute summer	J56	48.019	J57	38.5	0.712	0.710	0.4931	
15 minute summer	J57	48.020	S25	39.4	0.777	0.721	0.3139	
15 minute summer	BASIN 1	1.023	S5	5.0	0.389	0.061	0.9418	
15 minute summer	BASIN 1	Infiltration		0.1				1.5
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 2	71.000	BH1	1.8	0.688	0.310	0.1829	
15 minute summer	BASIN 2	Infiltration		0.0				0.0
15 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	BASIN 4	88	183.492	0.162	53.2	46.0558	0.0000	OK
15 minute summer	SWALE 1	54	184.919	0.045	2.5	0.0648	0.0000	OK
15 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.201	0.206	68.1	0.2942	0.0000	OK
15 minute summer	BH1	255	184.626	0.549	1.8	2.3940	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute summer	BH3	90	183.492	0.173	10.2	2.4134	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	BASIN 4	48.022	BH3	10.2	1.110	0.189	0.1843	
15 minute summer	BASIN 4	Infiltration		0.0				0.0
15 minute summer	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2772	
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute summer	SWALE 3	1.033	BASIN 3	68.5	1.160	0.548	2.5525	
15 minute summer	BH1	Infiltration		0.1				1.3
15 minute summer	BH2	Infiltration		0.0				0.0
15 minute summer	BH3	Infiltration		0.2				2.6

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	188.517	0.147	6.4	0.2168	0.0000	SURCHARGED
15 minute winter	S2	11	187.216	0.177	30.2	0.3061	0.0000	OK
15 minute winter	S3	12	186.303	0.166	39.0	0.2209	0.0000	OK
15 minute winter	S4	12	185.529	0.151	72.7	0.1931	0.0000	OK
15 minute winter	S5	53	185.476	0.566	5.3	0.8099	0.0000	SURCHARGED
15 minute winter	S6	56	184.852	0.044	2.5	0.0628	0.0000	OK
15 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.269	0.144	1.9	0.2066	0.0000	OK
15 minute winter	S10	12	184.269	0.156	65.6	0.2843	0.0000	OK
15 minute winter	S11	12	186.643	0.243	8.2	0.3811	0.0000	SURCHARGED
15 minute winter	S12	11	186.353	0.177	14.9	0.2615	0.0000	SURCHARGED
15 minute winter	S13	11	186.074	0.081	24.2	0.1216	0.0000	OK
15 minute winter	S14	11	185.344	0.169	33.6	0.2656	0.0000	OK
15 minute winter	S15	11	184.991	0.124	43.8	0.1952	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S1	1.000	J1	5.3	0.738	0.612	0.0642	
15 minute winter	S2	1.012	J12	30.0	0.986	1.003	0.0452	
15 minute winter	S3	1.019	J18	39.1	1.130	0.733	0.1774	
15 minute winter	S4	1.022	BASIN 1	73.0	2.151	0.436	0.7584	
15 minute winter	S5	1.024	SWALE 1	2.5	0.392	0.030	0.1523	
15 minute winter	S6	1.026	BASIN 2	2.5	0.413	0.029	0.0353	
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2348	
15 minute winter	S9	1.031	S10	-1.9	-0.230	-0.023	0.2757	
15 minute winter	S10	1.032	SWALE 3	64.6	1.299	0.196	0.2238	
15 minute winter	S11	32.000	J28	6.9	0.884	1.163	0.0355	
15 minute winter	S12	32.003	J30	14.6	0.831	1.095	0.0895	
15 minute winter	S13	32.007	J33	24.1	1.971	0.246	0.1592	
15 minute winter	S14	32.009	J34	33.6	1.075	0.662	0.1638	
15 minute winter	S15	32.013	J37	43.8	2.117	0.475	0.1931	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.610	0.123	53.3	0.1876	0.0000	OK
15 minute winter	S17	11	186.332	0.182	8.8	0.2900	0.0000	SURCHARGED
15 minute winter	S18	12	185.999	0.175	17.7	0.2587	0.0000	OK
15 minute winter	S19	12	185.948	0.182	26.6	0.2628	0.0000	OK
15 minute winter	S20	16	184.668	0.026	0.8	0.0291	0.0000	OK
15 minute winter	S21	11	184.504	0.095	7.3	0.1264	0.0000	OK
15 minute winter	S22	12	184.414	0.183	14.7	0.2368	0.0000	OK
15 minute winter	S23	12	184.395	0.197	20.7	0.2543	0.0000	OK
15 minute winter	S24	12	184.241	0.224	37.4	0.2941	0.0000	OK
15 minute winter	S25	12	184.164	0.194	42.9	0.2678	0.0000	OK
15 minute winter	S26	11	185.441	0.064	7.2	0.0940	0.0000	OK
15 minute winter	FC1	15	188.881	0.631	3.0	0.9458	0.0000	SURCHARGED
15 minute winter	FC2	15	188.777	0.627	3.0	0.9084	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S16	32.015	J38	53.4	1.155	0.168	0.1041	
15 minute winter	S17	23.001	J20	8.2	1.051	1.386	0.0545	
15 minute winter	S18	23.006	J24	17.4	0.565	0.545	0.0603	
15 minute winter	S19	23.010	J27	26.5	0.800	0.883	0.2947	
15 minute winter	S20	48.001	J41	0.8	0.518	0.134	0.0072	
15 minute winter	S21	48.004	J43	7.3	0.600	0.546	0.0632	
15 minute winter	S22	48.008	J46	14.3	0.469	0.455	0.0847	
15 minute winter	S23	48.011	J48	20.4	0.595	0.662	0.0409	
15 minute winter	S24	48.018	J56	37.1	0.675	0.694	0.2336	
15 minute winter	S25	48.021	BASIN 4	42.8	0.992	0.804	0.1660	
15 minute winter	S26	65.001	J54	7.1	1.014	0.682	0.0558	
15 minute winter	FC1	2.000	J1	2.0	0.544	0.316	0.0372	
15 minute winter	FC1	Infiltration		0.0				0.0
15 minute winter	FC2	3.000	J2	0.9	0.512	0.152	0.0209	
15 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC3	16	188.840	0.640	4.1	1.3693	0.0000	SURCHARGED
15 minute winter	FC4	15	188.718	0.518	2.2	0.6483	0.0000	SURCHARGED
15 minute winter	FC5	15	188.627	0.627	3.0	0.9074	0.0000	SURCHARGED
15 minute winter	FC6	15	188.368	0.518	2.2	0.6477	0.0000	SURCHARGED
15 minute winter	FC7	15	188.269	0.518	2.2	0.6486	0.0000	SURCHARGED
15 minute winter	FC8	15	188.377	0.627	3.0	0.9052	0.0000	SURCHARGED
15 minute winter	FC9	15	187.989	0.519	2.2	0.6494	0.0000	SURCHARGED
15 minute winter	FC10	16	188.115	0.645	4.1	1.3706	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC3	4.000	J3	0.8	0.539	0.127	0.0293	
15 minute winter	FC3	Infiltration		0.0				0.0
15 minute winter	FC4	5.000	J4	0.7	0.590	0.095	0.0105	
15 minute winter	FC4	Infiltration		0.0				0.0
15 minute winter	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
15 minute winter	FC5	Infiltration		0.0				0.0
15 minute winter	FC6	7.000	J6	0.7	0.653	0.082	0.0175	
15 minute winter	FC6	Infiltration		0.0				0.0
15 minute winter	FC7	8.000	J7	0.7	0.571	0.100	0.0091	
15 minute winter	FC7	Infiltration		0.0				0.0
15 minute winter	FC8	9.000	J8	0.8	0.718	0.082	0.0046	
15 minute winter	FC8	Infiltration		0.0				0.0
15 minute winter	FC9	10.000	J9	0.7	0.503	0.120	0.0102	
15 minute winter	FC9	Infiltration		0.0				0.0
15 minute winter	FC10	11.000	J10	0.8	0.560	0.120	0.0089	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC11	15	187.948	0.628	3.0	0.9071	0.0000	SURCHARGED
15 minute winter	FC12	15	187.858	0.628	3.0	0.9068	0.0000	SURCHARGED
15 minute winter	FC13	15	187.628	0.628	3.0	0.9071	0.0000	SURCHARGED
15 minute winter	FC14	17	186.994	0.094	3.0	1.1965	0.0000	OK
15 minute winter	FC15	15	187.716	0.516	2.2	0.6461	0.0000	SURCHARGED
15 minute winter	FC16	15	187.419	0.519	2.2	0.6491	0.0000	SURCHARGED
15 minute winter	FC17	15	187.517	0.517	2.2	0.6468	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC10	Infiltration		0.0				0.0
15 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118	
15 minute winter	FC11	Infiltration		0.0				0.0
15 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0188	
15 minute winter	FC12	Infiltration		0.0				0.0
15 minute winter	FC13	14.000	J12	0.8	0.516	0.132	0.0104	
15 minute winter	FC13	Infiltration		0.0				0.0
15 minute winter	FC14	15.000	J13	0.3	0.387	0.048	0.0055	
15 minute winter	FC14	Infiltration		0.0				0.0
15 minute winter	FC15	16.000	J14	0.7	1.067	0.041	0.0031	
15 minute winter	FC15	Infiltration		0.0				0.0
15 minute winter	FC16	17.000	J15	0.7	0.526	0.113	0.0103	
15 minute winter	FC16	Infiltration		0.0				0.0
15 minute winter	FC17	18.000	J16	0.7	0.834	0.058	0.0041	
15 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC18	15	187.069	0.519	2.2	0.6494	0.0000	SURCHARGED
15 minute winter	FC19	15	187.028	0.628	3.0	0.9071	0.0000	SURCHARGED
15 minute winter	FC20	15	187.577	0.627	3.0	0.9038	0.0000	SURCHARGED
15 minute winter	FC21	15	186.927	0.627	3.0	0.9071	0.0000	SURCHARGED
15 minute winter	FC22	17	186.541	0.091	2.2	0.8818	0.0000	OK
15 minute winter	FC23	15	186.817	0.517	2.2	0.6465	0.0000	SURCHARGED
15 minute winter	FC24	15	186.927	0.627	3.0	0.9038	0.0000	SURCHARGED
15 minute winter	FC25	15	187.177	0.627	3.0	0.9039	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC18	19.000	J17	0.7	0.501	0.121	0.0100	
15 minute winter	FC18	Infiltration		0.0				0.0
15 minute winter	FC19	20.000	S3	0.8	0.513	0.133	0.0101	
15 minute winter	FC19	Infiltration		0.0				0.0
15 minute winter	FC20	21.000	J18	0.8	1.039	0.049	0.0033	
15 minute winter	FC20	Infiltration		0.0				0.0
15 minute winter	FC21	22.000	J19	0.8	0.515	0.133	0.0117	
15 minute winter	FC21	Infiltration		0.0				0.0
15 minute winter	FC22	23.000	S17	0.3	0.503	0.019	0.0195	
15 minute winter	FC22	Infiltration		0.0				0.0
15 minute winter	FC23	24.000	J20	0.7	0.882	0.054	0.0124	
15 minute winter	FC23	Infiltration		0.0				0.0
15 minute winter	FC24	25.000	J21	0.8	0.937	0.057	0.0126	
15 minute winter	FC24	Infiltration		0.0				0.0
15 minute winter	FC25	26.000	J22	0.8	1.032	0.050	0.0036	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC26	17	186.538	0.088	2.2	0.8854	0.0000	OK
15 minute winter	FC27	15	187.016	0.516	2.2	0.6457	0.0000	SURCHARGED
15 minute winter	FC28	15	187.127	0.627	3.0	0.9039	0.0000	SURCHARGED
15 minute winter	FC29	15	187.126	0.626	3.0	0.9040	0.0000	SURCHARGED
15 minute winter	FC30	15	187.377	0.627	3.0	0.9039	0.0000	SURCHARGED
15 minute winter	FC31	15	186.983	0.533	2.2	0.6663	0.0000	SURCHARGED
15 minute winter	FC32	15	186.967	0.517	2.2	0.6466	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC25	Infiltration		0.0				0.0
15 minute winter	FC26	27.000	J23	0.3	0.672	0.021	0.0019	
15 minute winter	FC26	Infiltration		0.0				0.0
15 minute winter	FC27	28.000	J24	0.7	1.242	0.033	0.0095	
15 minute winter	FC27	Infiltration		0.0				0.0
15 minute winter	FC28	29.000	J25	0.8	1.037	0.049	0.0033	
15 minute winter	FC28	Infiltration		0.0				0.0
15 minute winter	FC29	30.000	J26	0.8	1.008	0.051	0.0037	
15 minute winter	FC29	Infiltration		0.0				0.0
15 minute winter	FC30	31.000	J27	0.8	0.967	0.054	0.0036	
15 minute winter	FC30	Infiltration		0.0				0.0
15 minute winter	FC31	33.000	J28	1.4	0.538	0.160	0.0333	
15 minute winter	FC31	Infiltration		0.0				0.0
15 minute winter	FC32	34.000	J29	0.7	0.407	0.057	0.0180	
15 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC33	15	187.077	0.627	3.0	0.9038	0.0000	SURCHARGED
15 minute winter	FC34	15	187.078	0.628	3.0	0.9069	0.0000	SURCHARGED
15 minute winter	FC35	15	187.077	0.627	3.0	0.9039	0.0000	SURCHARGED
15 minute winter	FC36	15	187.076	0.626	3.0	0.9041	0.0000	SURCHARGED
15 minute winter	FC37	16	186.448	0.648	4.1	1.3652	0.0000	SURCHARGED
15 minute winter	FC38	17	185.525	0.075	2.2	0.9002	0.0000	OK
15 minute winter	FC39	15	185.967	0.517	2.2	0.6464	0.0000	SURCHARGED
15 minute winter	FC40	15	186.082	0.582	3.0	0.9088	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC33	35.000	S12	0.8	0.948	0.056	0.0178	
15 minute winter	FC33	Infiltration		0.0				0.0
15 minute winter	FC34	36.000	J30	0.8	0.528	0.127	0.0071	
15 minute winter	FC34	Infiltration		0.0				0.0
15 minute winter	FC35	37.000	J31	0.8	0.957	0.055	0.0042	
15 minute winter	FC35	Infiltration		0.0				0.0
15 minute winter	FC36	38.000	J32	0.8	1.004	0.052	0.0039	
15 minute winter	FC36	Infiltration		0.0				0.0
15 minute winter	FC37	39.000	J33	0.8	0.689	0.090	0.0076	
15 minute winter	FC37	Infiltration		0.0				0.0
15 minute winter	FC38	40.000	J34	0.3	0.628	0.020	0.0070	
15 minute winter	FC38	Infiltration		0.0				0.0
15 minute winter	FC39	41.000	J35	0.7	0.939	0.049	0.0034	
15 minute winter	FC39	Infiltration		0.0				0.0
15 minute winter	FC40	42.000	J36	0.8	1.168	0.040	0.0097	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC41	15	185.476	0.626	3.0	0.9049	0.0000	SURCHARGED
15 minute winter	FC42	15	185.226	0.626	3.0	0.9059	0.0000	SURCHARGED
15 minute winter	FC43	15	185.221	0.621	3.0	0.9065	0.0000	SURCHARGED
15 minute winter	FC44	10	184.633	0.033	2.2	0.0409	0.0000	OK
15 minute winter	FC45	15	185.117	0.517	2.2	0.6467	0.0000	SURCHARGED
15 minute winter	FC46	16	185.345	0.645	4.1	1.3691	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	15	185.427	0.627	3.0	0.9038	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC40	Infiltration		0.0				0.0
15 minute winter	FC41	43.000	J37	0.8	0.769	0.075	0.0052	
15 minute winter	FC41	Infiltration		0.0				0.0
15 minute winter	FC42	44.000	J38	0.8	0.669	0.091	0.0126	
15 minute winter	FC42	Infiltration		0.0				0.0
15 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0049	
15 minute winter	FC43	Infiltration		0.0				0.0
15 minute winter	FC44	46.000	J40	2.2	1.021	0.204	0.0094	
15 minute winter	FC44	Infiltration		0.0				0.0
15 minute winter	FC45	47.000	S10	0.7	0.872	0.055	0.0038	
15 minute winter	FC45	Infiltration		0.0				0.0
15 minute winter	FC46	48.000	S20	0.8	0.505	0.134	0.0095	
15 minute winter	FC46	Infiltration		0.0				0.0
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute winter	FC48	50.000	J42	0.8	0.734	0.056	0.0085	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC49	15	185.427	0.627	3.0	0.9073	0.0000	SURCHARGED
15 minute winter	FC50	15	185.427	0.627	3.0	0.9073	0.0000	SURCHARGED
15 minute winter	FC51	15	185.477	0.626	3.0	0.9073	0.0000	SURCHARGED
15 minute winter	FC52	15	185.875	0.625	3.0	0.9050	0.0000	SURCHARGED
15 minute winter	FC53	15	185.877	0.627	3.0	0.9054	0.0000	SURCHARGED
15 minute winter	FC54	15	185.767	0.517	2.2	0.6472	0.0000	SURCHARGED
15 minute winter	FC55	15	185.767	0.517	2.2	0.6464	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC48	Infiltration		0.0				0.0
15 minute winter	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
15 minute winter	FC49	Infiltration		0.0				0.0
15 minute winter	FC50	52.000	J43	0.8	0.511	0.132	0.0072	
15 minute winter	FC50	Infiltration		0.0				0.0
15 minute winter	FC51	55.000	S22	0.8	0.514	0.133	0.0094	
15 minute winter	FC51	Infiltration		0.0				0.0
15 minute winter	FC52	58.000	S23	0.8	0.748	0.078	0.0057	
15 minute winter	FC52	Infiltration		0.0				0.0
15 minute winter	FC53	61.000	J50	0.8	0.703	0.085	0.0048	
15 minute winter	FC53	Infiltration		0.0				0.0
15 minute winter	FC54	62.000	J51	0.7	0.758	0.066	0.0037	
15 minute winter	FC54	Infiltration		0.0				0.0
15 minute winter	FC55	64.000	J53	0.7	0.959	0.048	0.0031	
15 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC56	15	185.867	0.517	2.2	0.6463	0.0000	SURCHARGED
15 minute winter	FC57	15	185.867	0.517	2.2	0.6464	0.0000	SURCHARGED
15 minute winter	FC58	15	185.867	0.517	2.2	0.6466	0.0000	SURCHARGED
15 minute winter	FC59	15	185.867	0.517	2.2	0.6468	0.0000	SURCHARGED
15 minute winter	FC60	15	185.977	0.627	3.0	0.9048	0.0000	SURCHARGED
15 minute winter	FC61	15	185.927	0.627	3.0	0.9057	0.0000	SURCHARGED
15 minute winter	FC62	16	185.893	0.643	4.1	1.3673	0.0000	SURCHARGED
15 minute winter	FC63	15	185.922	0.522	2.2	0.6536	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC56	53.000	J44	0.7	0.991	0.046	0.0048	
15 minute winter	FC56	Infiltration		0.0				0.0
15 minute winter	FC57	54.000	J45	0.7	0.930	0.051	0.0050	
15 minute winter	FC57	Infiltration		0.0				0.0
15 minute winter	FC58	56.000	J46	0.7	0.893	0.053	0.0050	
15 minute winter	FC58	Infiltration		0.0				0.0
15 minute winter	FC59	57.000	J47	0.7	0.827	0.059	0.0055	
15 minute winter	FC59	Infiltration		0.0				0.0
15 minute winter	FC60	59.000	J48	0.8	0.842	0.067	0.0062	
15 minute winter	FC60	Infiltration		0.0				0.0
15 minute winter	FC61	60.000	J49	0.8	0.675	0.091	0.0086	
15 minute winter	FC61	Infiltration		0.0				0.0
15 minute winter	FC62	63.000	J52	0.8	0.624	0.104	0.0120	
15 minute winter	FC62	Infiltration		0.0				0.0
15 minute winter	FC63	65.000	S26	0.8	0.558	0.134	0.0100	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC64	15	185.691	0.541	2.2	0.6764	0.0000	SURCHARGED
15 minute winter	FC65	15	185.778	0.628	3.0	0.9089	0.0000	SURCHARGED
15 minute winter	FC66	15	185.628	0.628	3.0	0.9066	0.0000	SURCHARGED
15 minute winter	FC67	17	184.887	0.087	2.2	0.8901	0.0000	OK
15 minute winter	FC68	15	185.068	0.518	2.2	0.6479	0.0000	SURCHARGED
15 minute winter	J1	12	188.436	0.236	11.6	0.3477	0.0000	SURCHARGED
15 minute winter	J2	12	188.186	0.130	12.0	0.1465	0.0000	OK
15 minute winter	J3	12	188.159	0.109	12.8	0.1234	0.0000	OK
15 minute winter	J4	12	188.116	0.077	13.4	0.0873	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC63	Infiltration		0.0				0.0
15 minute winter	FC64	66.000	J54	1.2	0.341	0.203	0.0172	
15 minute winter	FC64	Infiltration		0.0				0.0
15 minute winter	FC65	67.000	J55	0.8	0.415	0.083	0.0126	
15 minute winter	FC65	Infiltration		0.0				0.0
15 minute winter	FC66	68.000	S24	0.8	0.573	0.109	0.0029	
15 minute winter	FC66	Infiltration		0.0				0.0
15 minute winter	FC67	69.000	J56	0.3	0.371	0.046	0.0015	
15 minute winter	FC67	Infiltration		0.0				0.0
15 minute winter	FC68	70.000	J57	0.7	0.656	0.079	0.0025	
15 minute winter	FC68	Infiltration		0.0				0.0
15 minute winter	J1	1.001	J2	11.3	1.443	1.361	0.0389	
15 minute winter	J2	1.002	J3	12.0	0.798	0.893	0.0155	
15 minute winter	J3	1.003	J4	12.8	1.111	0.961	0.0223	
15 minute winter	J4	1.004	J5	13.4	1.595	0.393	0.0297	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J5	13	187.977	0.067	14.1	0.0763	0.0000	OK
15 minute winter	J6	13	187.748	0.098	14.9	0.1110	0.0000	OK
15 minute winter	J7	13	187.633	0.108	15.6	0.1218	0.0000	OK
15 minute winter	J8	13	187.588	0.067	15.8	0.0757	0.0000	OK
15 minute winter	J9	13	187.386	0.111	17.1	0.1254	0.0000	OK
15 minute winter	J10	13	187.338	0.068	17.7	0.0769	0.0000	OK
15 minute winter	J11	13	187.223	0.102	18.6	0.1148	0.0000	OK
15 minute winter	J12	11	186.933	0.123	30.6	0.1396	0.0000	OK
15 minute winter	J13	12	186.814	0.187	30.7	0.2114	0.0000	OK
15 minute winter	J14	12	186.794	0.172	31.5	0.1950	0.0000	OK
15 minute winter	J15	12	186.768	0.151	32.2	0.1703	0.0000	OK
15 minute winter	J16	12	186.724	0.119	32.9	0.1344	0.0000	OK
15 minute winter	J17	12	186.380	0.097	33.5	0.1096	0.0000	OK
15 minute winter	J18	12	186.255	0.129	39.8	0.1465	0.0000	OK
15 minute winter	J19	12	186.214	0.187	40.6	0.2120	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J5	1.005	J6	14.2	1.426	0.370	0.0564	
15 minute winter	J6	1.006	J7	14.9	1.395	0.524	0.0210	
15 minute winter	J7	1.007	J8	15.0	1.053	0.487	0.0162	
15 minute winter	J8	1.008	J9	16.4	1.124	0.184	0.1242	
15 minute winter	J9	1.009	J10	16.9	1.153	0.507	0.0177	
15 minute winter	J10	1.010	J11	17.8	1.343	0.138	0.0336	
15 minute winter	J11	1.011	S2	18.6	0.795	0.289	0.1355	
15 minute winter	J12	1.013	J13	30.5	1.477	0.456	0.1357	
15 minute winter	J13	1.014	J14	30.8	0.701	0.544	0.0835	
15 minute winter	J14	1.015	J15	31.5	0.815	0.559	0.0740	
15 minute winter	J15	1.016	J16	32.2	1.051	0.604	0.1572	
15 minute winter	J16	1.017	J17	32.9	1.441	0.231	0.0768	
15 minute winter	J17	1.018	S3	33.5	1.148	0.108	0.0563	
15 minute winter	J18	1.020	J19	39.9	1.056	0.139	0.0561	
15 minute winter	J19	1.021	S4	40.7	0.977	0.737	0.1829	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J20	12	186.138	0.107	8.8	0.1215	0.0000	OK
15 minute winter	J21	12	186.116	0.107	9.4	0.1212	0.0000	OK
15 minute winter	J22	12	186.080	0.117	10.2	0.1326	0.0000	OK
15 minute winter	J23	12	186.052	0.110	10.4	0.1242	0.0000	OK
15 minute winter	J24	12	185.990	0.173	18.0	0.1952	0.0000	OK
15 minute winter	J25	12	185.976	0.180	18.7	0.2032	0.0000	OK
15 minute winter	J26	12	185.962	0.183	19.5	0.2070	0.0000	OK
15 minute winter	J27	12	185.904	0.168	27.2	0.1895	0.0000	OK
15 minute winter	J28	13	186.571	0.215	6.9	0.2436	0.0000	SURCHARGED
15 minute winter	J29	12	186.441	0.170	7.3	0.1924	0.0000	SURCHARGED
15 minute winter	J30	12	186.300	0.153	15.3	0.1729	0.0000	SURCHARGED
15 minute winter	J31	12	186.169	0.125	16.0	0.1414	0.0000	OK
15 minute winter	J32	12	186.123	0.112	16.8	0.1270	0.0000	OK
15 minute winter	J33	11	185.610	0.075	24.9	0.0848	0.0000	OK
15 minute winter	J34	11	185.287	0.162	33.8	0.1832	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J20	23.002	J21	8.7	0.662	0.646	0.0509	
15 minute winter	J21	23.003	J22	9.4	0.678	0.704	0.1131	
15 minute winter	J22	23.004	J23	10.2	0.711	0.751	0.0513	
15 minute winter	J23	23.005	S18	10.4	0.825	0.775	0.0986	
15 minute winter	J24	23.007	J25	17.9	0.549	0.596	0.2061	
15 minute winter	J25	23.008	J26	18.8	0.551	0.621	0.1703	
15 minute winter	J26	23.009	S19	19.6	0.584	0.641	0.1280	
15 minute winter	J27	23.011	S4	27.3	0.952	0.915	0.0684	
15 minute winter	J28	32.001	J29	6.6	0.845	1.116	0.0691	
15 minute winter	J29	32.002	S12	7.7	0.980	1.291	0.0364	
15 minute winter	J30	32.004	J31	15.3	0.920	1.150	0.0797	
15 minute winter	J31	32.005	J32	16.1	0.757	0.535	0.2068	
15 minute winter	J32	32.006	S13	16.9	1.074	0.561	0.0861	
15 minute winter	J33	32.008	S14	24.8	1.177	0.239	0.1974	
15 minute winter	J34	32.010	J35	33.8	1.323	0.876	0.2292	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J35	11	185.189	0.114	34.4	0.1291	0.0000	OK
15 minute winter	J36	11	185.043	0.168	35.1	0.1902	0.0000	OK
15 minute winter	J37	11	184.672	0.172	44.5	0.1943	0.0000	OK
15 minute winter	J38	11	184.551	0.251	54.1	0.2842	0.0000	OK
15 minute winter	J39	11	184.496	0.222	54.6	0.2516	0.0000	OK
15 minute winter	J40	11	184.447	0.182	56.5	0.2054	0.0000	OK
15 minute winter	J41	17	184.622	0.025	0.8	0.0280	0.0000	OK
15 minute winter	J42	17	184.574	0.037	1.6	0.0415	0.0000	OK
15 minute winter	J43	11	184.484	0.104	8.0	0.1171	0.0000	OK
15 minute winter	J44	12	184.467	0.097	8.5	0.1101	0.0000	OK
15 minute winter	J45	12	184.434	0.114	9.1	0.1284	0.0000	OK
15 minute winter	J46	12	184.408	0.186	14.9	0.2106	0.0000	OK
15 minute winter	J47	12	184.402	0.194	15.4	0.2200	0.0000	OK
15 minute winter	J48	12	184.385	0.191	21.2	0.2159	0.0000	OK
15 minute winter	J49	12	184.367	0.198	21.8	0.2235	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J35	32.011	J36	34.3	1.311	0.386	0.1788	
15 minute winter	J36	32.012	S15	35.0	1.297	1.167	0.0643	
15 minute winter	J37	32.014	S16	44.5	1.306	0.806	0.1786	
15 minute winter	J38	32.016	J39	53.9	0.903	0.997	0.6438	
15 minute winter	J39	32.017	J40	54.3	1.077	0.993	0.1839	
15 minute winter	J40	32.018	S10	56.2	1.362	0.564	0.3950	
15 minute winter	J41	48.002	J42	0.8	0.415	0.134	0.0128	
15 minute winter	J42	48.003	S21	1.6	0.624	0.269	0.0230	
15 minute winter	J43	48.005	J44	7.9	0.639	0.565	0.0201	
15 minute winter	J44	48.006	J45	8.4	0.681	0.629	0.1158	
15 minute winter	J45	48.007	S22	9.0	0.722	0.665	0.0331	
15 minute winter	J46	48.009	J47	14.7	0.430	0.478	0.1509	
15 minute winter	J47	48.010	S23	15.3	0.417	0.508	0.0969	
15 minute winter	J48	48.012	J49	21.1	0.596	0.704	0.2715	
15 minute winter	J49	48.013	J50	21.7	0.601	0.707	0.0413	

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J50	13	184.355	0.190	22.4	0.2150	0.0000	OK
15 minute winter	J51	13	184.337	0.189	22.9	0.2136	0.0000	OK
15 minute winter	J52	13	184.321	0.177	23.6	0.2001	0.0000	OK
15 minute winter	J53	13	184.293	0.166	24.4	0.1879	0.0000	OK
15 minute winter	J54	12	185.268	0.139	7.3	0.1570	0.0000	SURCHARGED
15 minute winter	J55	12	185.198	0.104	7.1	0.1179	0.0000	SURCHARGED
15 minute winter	J56	12	184.221	0.214	37.4	0.2420	0.0000	OK
15 minute winter	J57	12	184.193	0.208	38.0	0.2352	0.0000	OK
15 minute winter	BASIN 1	53	185.476	0.551	76.2	57.1759	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.626	0.326	3.6	30.9787	0.0000	OK
15 minute winter	BASIN 3	255	182.749	-0.352	75.2	53.6227	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J50	48.014	J51	22.3	0.627	0.746	0.1811	
15 minute winter	J51	48.015	J52	22.8	0.664	0.744	0.0392	
15 minute winter	J52	48.016	J53	23.7	0.729	0.777	0.1582	
15 minute winter	J53	48.017	S24	24.5	0.869	0.812	0.3030	
15 minute winter	J54	65.002	J55	7.1	0.901	1.192	0.0285	
15 minute winter	J55	65.003	S24	7.5	1.043	0.984	0.0592	
15 minute winter	J56	48.019	J57	37.3	0.706	0.687	0.4809	
15 minute winter	J57	48.020	S25	38.1	0.767	0.699	0.3064	
15 minute winter	BASIN 1	1.023	S5	5.3	0.386	0.064	0.9418	
15 minute winter	BASIN 1	Infiltration		0.1				1.5
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 2	71.000	BH1	1.8	0.689	0.310	0.1829	
15 minute winter	BASIN 2	Infiltration		0.0				0.0
15 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	BASIN 4	88	183.492	0.162	51.0	46.0673	0.0000	OK
15 minute winter	SWALE 1	54	184.919	0.045	2.5	0.0648	0.0000	OK
15 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.194	0.199	64.6	0.2844	0.0000	OK
15 minute winter	BH1	255	184.626	0.549	1.8	2.3938	0.0000	OK
15 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute winter	BH3	85	183.492	0.173	10.2	2.4137	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	BASIN 4	48.022	BH3	10.2	1.105	0.188	0.1843	
15 minute winter	BASIN 4	Infiltration		0.0				0.0
15 minute winter	SWALE 1	1.025	S6	2.5	0.345	0.031	0.2772	
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute winter	SWALE 3	1.033	BASIN 3	64.9	1.143	0.520	2.4545	
15 minute winter	BH1	Infiltration		0.1				1.3
15 minute winter	BH2	Infiltration		0.0				0.0
15 minute winter	BH3	Infiltration		0.2				2.6

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	19	188.520	0.150	6.2	0.2211	0.0000	SURCHARGED
30 minute summer	S2	19	187.218	0.179	30.7	0.3102	0.0000	OK
30 minute summer	S3	19	186.306	0.169	40.0	0.2240	0.0000	OK
30 minute summer	S4	67	185.617	0.239	74.3	0.3059	0.0000	OK
30 minute summer	S5	67	185.617	0.707	3.8	1.0111	0.0000	SURCHARGED
30 minute summer	S6	69	184.854	0.046	2.8	0.0661	0.0000	OK
30 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.271	0.146	1.5	0.2091	0.0000	OK
30 minute summer	S10	19	184.271	0.158	65.7	0.2874	0.0000	OK
30 minute summer	S11	20	186.644	0.244	8.0	0.3833	0.0000	SURCHARGED
30 minute summer	S12	19	186.356	0.180	14.9	0.2662	0.0000	SURCHARGED
30 minute summer	S13	19	186.074	0.081	24.1	0.1216	0.0000	OK
30 minute summer	S14	18	185.343	0.168	33.7	0.2652	0.0000	OK
30 minute summer	S15	19	184.991	0.124	43.7	0.1945	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S1	1.000	J1	5.4	0.757	0.617	0.0642	
30 minute summer	S2	1.012	J12	30.6	0.995	1.026	0.0458	
30 minute summer	S3	1.019	J18	39.9	1.135	0.749	0.1805	
30 minute summer	S4	1.022	BASIN 1	74.1	2.038	0.443	1.0914	
30 minute summer	S5	1.024	SWALE 1	2.8	0.379	0.034	0.1656	
30 minute summer	S6	1.026	BASIN 2	2.8	0.431	0.033	0.0382	
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2385	
30 minute summer	S9	1.031	S10	-1.5	-0.155	-0.018	0.2798	
30 minute summer	S10	1.032	SWALE 3	65.6	1.291	0.199	0.2254	
30 minute summer	S11	32.000	J28	6.9	0.881	1.159	0.0355	
30 minute summer	S12	32.003	J30	14.7	0.835	1.101	0.0895	
30 minute summer	S13	32.007	J33	24.2	1.972	0.247	0.1594	
30 minute summer	S14	32.009	J34	33.5	1.075	0.661	0.1634	
30 minute summer	S15	32.013	J37	43.7	2.117	0.473	0.1925	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	18	184.610	0.123	53.1	0.1876	0.0000	OK
30 minute summer	S17	19	186.328	0.178	8.5	0.2827	0.0000	SURCHARGED
30 minute summer	S18	19	186.002	0.178	17.8	0.2626	0.0000	OK
30 minute summer	S19	19	185.951	0.185	27.1	0.2668	0.0000	OK
30 minute summer	S20	26	184.668	0.026	0.8	0.0292	0.0000	OK
30 minute summer	S21	19	184.505	0.096	7.5	0.1276	0.0000	OK
30 minute summer	S22	20	184.419	0.188	14.8	0.2436	0.0000	OK
30 minute summer	S23	20	184.401	0.203	21.2	0.2614	0.0000	OK
30 minute summer	S24	20	184.245	0.228	38.1	0.3003	0.0000	OK
30 minute summer	S25	20	184.167	0.197	44.0	0.2721	0.0000	OK
30 minute summer	S26	18	185.440	0.063	7.1	0.0931	0.0000	OK
30 minute summer	FC1	23	188.889	0.639	2.9	1.0555	0.0000	SURCHARGED
30 minute summer	FC2	23	188.785	0.635	2.9	1.0180	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S16	32.015	J38	53.0	1.156	0.167	0.1037	
30 minute summer	S17	23.001	J20	8.1	1.040	1.372	0.0545	
30 minute summer	S18	23.006	J24	17.7	0.558	0.553	0.0611	
30 minute summer	S19	23.010	J27	27.0	0.806	0.901	0.2982	
30 minute summer	S20	48.001	J41	0.8	0.517	0.135	0.0072	
30 minute summer	S21	48.004	J43	7.4	0.597	0.553	0.0645	
30 minute summer	S22	48.008	J46	14.6	0.451	0.466	0.0869	
30 minute summer	S23	48.011	J48	21.0	0.587	0.682	0.0419	
30 minute summer	S24	48.018	J56	38.2	0.678	0.714	0.2389	
30 minute summer	S25	48.021	BASIN 4	44.1	1.002	0.827	0.1691	
30 minute summer	S26	65.001	J54	7.0	1.002	0.676	0.0555	
30 minute summer	FC1	2.000	J1	1.8	0.542	0.294	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	0.9	0.513	0.148	0.0210	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	25	188.848	0.648	4.0	1.5741	0.0000	SURCHARGED
30 minute summer	FC4	22	188.770	0.570	2.2	0.7132	0.0000	SURCHARGED
30 minute summer	FC5	23	188.634	0.634	2.9	1.0170	0.0000	SURCHARGED
30 minute summer	FC6	22	188.419	0.569	2.2	0.7124	0.0000	SURCHARGED
30 minute summer	FC7	22	188.320	0.570	2.2	0.7135	0.0000	SURCHARGED
30 minute summer	FC8	23	188.385	0.635	2.9	1.0135	0.0000	SURCHARGED
30 minute summer	FC9	22	188.041	0.571	2.2	0.7147	0.0000	SURCHARGED
30 minute summer	FC10	25	188.124	0.654	4.0	1.5713	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.8	0.540	0.128	0.0296	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.7	0.599	0.100	0.0108	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.7	0.663	0.086	0.0178	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.7	0.579	0.105	0.0094	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.8	0.719	0.083	0.0046	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.7	0.510	0.126	0.0106	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	23	187.957	0.636	2.9	1.0163	0.0000	SURCHARGED
30 minute summer	FC12	23	187.867	0.637	2.9	1.0160	0.0000	SURCHARGED
30 minute summer	FC13	23	187.636	0.636	2.9	1.0163	0.0000	SURCHARGED
30 minute summer	FC14	31	187.016	0.116	2.9	1.4750	0.0000	SURCHARGED
30 minute summer	FC15	22	187.768	0.568	2.2	0.7104	0.0000	SURCHARGED
30 minute summer	FC16	22	187.471	0.571	2.2	0.7143	0.0000	SURCHARGED
30 minute summer	FC17	22	187.569	0.569	2.2	0.7113	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0119	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0200	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.8	0.517	0.133	0.0105	
30 minute summer	FC13	Infiltration		0.0				0.0
30 minute summer	FC14	15.000	J13	0.3	0.400	0.054	0.0060	
30 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.082	0.043	0.0032	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.7	0.533	0.118	0.0106	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.7	0.845	0.061	0.0043	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	22	187.121	0.571	2.2	0.7147	0.0000	SURCHARGED
30 minute summer	FC19	23	187.036	0.636	2.9	1.0164	0.0000	SURCHARGED
30 minute summer	FC20	23	187.584	0.634	2.9	1.0112	0.0000	SURCHARGED
30 minute summer	FC21	23	186.935	0.635	2.9	1.0165	0.0000	SURCHARGED
30 minute summer	FC22	27	186.558	0.108	2.2	1.0421	0.0000	SURCHARGED
30 minute summer	FC23	22	186.868	0.568	2.2	0.7109	0.0000	SURCHARGED
30 minute summer	FC24	23	186.935	0.635	2.9	1.0120	0.0000	SURCHARGED
30 minute summer	FC25	23	187.185	0.635	2.9	1.0112	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.7	0.508	0.127	0.0103	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.8	0.514	0.134	0.0101	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.8	1.041	0.050	0.0033	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
30 minute summer	FC21	Infiltration		0.0				0.0
30 minute summer	FC22	23.000	S17	0.3	0.516	0.021	0.0196	
30 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.894	0.056	0.0126	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.8	0.939	0.057	0.0127	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.8	1.033	0.050	0.0036	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC26	27	186.554	0.104	2.2	1.0479	0.0000	SURCHARGED
30 minute summer	FC27	22	187.068	0.568	2.2	0.7100	0.0000	SURCHARGED
30 minute summer	FC28	23	187.134	0.634	2.9	1.0113	0.0000	SURCHARGED
30 minute summer	FC29	23	187.133	0.633	2.9	1.0117	0.0000	SURCHARGED
30 minute summer	FC30	23	187.384	0.634	2.9	1.0120	0.0000	SURCHARGED
30 minute summer	FC31	22	187.034	0.584	2.2	0.7305	0.0000	SURCHARGED
30 minute summer	FC32	22	187.018	0.568	2.2	0.7110	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
30 minute summer	FC26	27.000	J23	0.3	0.691	0.023	0.0021	
30 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.260	0.035	0.0100	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.8	1.039	0.050	0.0033	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.8	0.968	0.055	0.0036	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.4	0.518	0.160	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	0.7	0.394	0.059	0.0180	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	23	187.086	0.635	2.9	1.0116	0.0000	SURCHARGED
30 minute summer	FC34	23	187.086	0.636	2.9	1.0160	0.0000	SURCHARGED
30 minute summer	FC35	23	187.084	0.634	2.9	1.0121	0.0000	SURCHARGED
30 minute summer	FC36	23	187.082	0.632	2.9	1.0118	0.0000	SURCHARGED
30 minute summer	FC37	25	186.458	0.658	4.0	1.5690	0.0000	SURCHARGED
30 minute summer	FC38	30	185.540	0.090	2.2	1.0748	0.0000	OK
30 minute summer	FC39	22	186.018	0.568	2.2	0.7108	0.0000	SURCHARGED
30 minute summer	FC40	23	186.090	0.590	2.9	1.0187	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.8	0.949	0.056	0.0178	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0071	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.8	0.959	0.056	0.0043	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.005	0.052	0.0040	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077	
30 minute summer	FC37	Infiltration		0.0				0.0
30 minute summer	FC38	40.000	J34	0.3	0.647	0.023	0.0070	
30 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.951	0.052	0.0035	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.170	0.040	0.0099	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	23	185.483	0.633	2.9	1.0133	0.0000	SURCHARGED
30 minute summer	FC42	23	185.233	0.633	2.9	1.0138	0.0000	SURCHARGED
30 minute summer	FC43	23	185.223	0.623	2.9	1.0164	0.0000	SURCHARGED
30 minute summer	FC44	18	184.633	0.033	2.2	0.0411	0.0000	OK
30 minute summer	FC45	22	185.168	0.568	2.2	0.7111	0.0000	SURCHARGED
30 minute summer	FC46	25	185.354	0.654	4.0	1.5725	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	23	185.435	0.635	2.9	1.0118	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.8	0.770	0.075	0.0052	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.8	0.671	0.092	0.0128	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0052	
30 minute summer	FC43	Infiltration		0.0				0.0
30 minute summer	FC44	46.000	J40	2.2	1.025	0.206	0.0094	
30 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.7	0.884	0.057	0.0039	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
30 minute summer	FC46	Infiltration		0.0				0.0
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
30 minute summer	FC48	50.000	J42	0.8	0.716	0.057	0.0086	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	23	185.435	0.635	2.9	1.0168	0.0000	SURCHARGED
30 minute summer	FC50	23	185.435	0.635	2.9	1.0167	0.0000	SURCHARGED
30 minute summer	FC51	23	185.484	0.634	2.9	1.0167	0.0000	SURCHARGED
30 minute summer	FC52	23	185.881	0.631	2.9	1.0145	0.0000	SURCHARGED
30 minute summer	FC53	23	185.885	0.635	2.9	1.0137	0.0000	SURCHARGED
30 minute summer	FC54	22	185.819	0.569	2.2	0.7117	0.0000	SURCHARGED
30 minute summer	FC55	22	185.818	0.568	2.2	0.7107	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.8	0.512	0.133	0.0072	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.8	0.515	0.133	0.0094	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.7	0.769	0.069	0.0039	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.972	0.050	0.0032	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	22	185.918	0.568	2.2	0.7106	0.0000	SURCHARGED
30 minute summer	FC57	22	185.918	0.568	2.2	0.7108	0.0000	SURCHARGED
30 minute summer	FC58	22	185.918	0.568	2.2	0.7110	0.0000	SURCHARGED
30 minute summer	FC59	22	185.919	0.569	2.2	0.7113	0.0000	SURCHARGED
30 minute summer	FC60	23	185.985	0.635	2.9	1.0122	0.0000	SURCHARGED
30 minute summer	FC61	23	185.935	0.635	2.9	1.0137	0.0000	SURCHARGED
30 minute summer	FC62	25	185.902	0.652	4.0	1.5709	0.0000	SURCHARGED
30 minute summer	FC63	22	185.974	0.574	2.2	0.7184	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.005	0.048	0.0049	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.942	0.053	0.0052	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.7	0.905	0.056	0.0051	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.7	0.839	0.062	0.0057	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.8	0.843	0.067	0.0062	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.8	0.676	0.092	0.0087	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.8	0.625	0.105	0.0120	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	0.9	0.541	0.146	0.0098	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	22	185.743	0.593	2.2	0.7419	0.0000	SURCHARGED
30 minute summer	FC65	23	185.786	0.636	2.9	1.0173	0.0000	SURCHARGED
30 minute summer	FC66	23	185.636	0.636	2.9	1.0159	0.0000	SURCHARGED
30 minute summer	FC67	30	184.903	0.103	2.2	1.0564	0.0000	SURCHARGED
30 minute summer	FC68	22	185.120	0.570	2.2	0.7126	0.0000	SURCHARGED
30 minute summer	J1	19	188.438	0.238	11.5	0.3496	0.0000	SURCHARGED
30 minute summer	J2	20	188.186	0.130	12.1	0.1470	0.0000	OK
30 minute summer	J3	20	188.160	0.110	12.8	0.1240	0.0000	OK
30 minute summer	J4	20	188.117	0.078	13.5	0.0879	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.2	0.333	0.211	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.2	0.422	0.126	0.0132	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
30 minute summer	FC66	Infiltration		0.0				0.0
30 minute summer	FC67	69.000	J56	0.3	0.382	0.050	0.0016	
30 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.7	0.664	0.083	0.0026	
30 minute summer	FC68	Infiltration		0.0				0.0
30 minute summer	J1	1.001	J2	11.3	1.446	1.364	0.0389	
30 minute summer	J2	1.002	J3	12.0	0.800	0.895	0.0156	
30 minute summer	J3	1.003	J4	12.8	1.110	0.966	0.0224	
30 minute summer	J4	1.004	J5	13.5	1.597	0.397	0.0300	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J5	20	187.978	0.068	14.3	0.0769	0.0000	OK
30 minute summer	J6	20	187.749	0.099	15.0	0.1117	0.0000	OK
30 minute summer	J7	20	187.633	0.108	15.7	0.1224	0.0000	OK
30 minute summer	J8	20	187.588	0.067	16.7	0.0760	0.0000	OK
30 minute summer	J9	21	187.387	0.111	17.2	0.1261	0.0000	OK
30 minute summer	J10	21	187.339	0.068	17.7	0.0774	0.0000	OK
30 minute summer	J11	20	187.224	0.103	18.8	0.1167	0.0000	OK
30 minute summer	J12	19	186.935	0.126	31.4	0.1423	0.0000	OK
30 minute summer	J13	19	186.816	0.189	31.6	0.2142	0.0000	OK
30 minute summer	J14	19	186.796	0.174	32.2	0.1973	0.0000	OK
30 minute summer	J15	19	186.769	0.152	32.8	0.1720	0.0000	OK
30 minute summer	J16	19	186.725	0.120	33.4	0.1356	0.0000	OK
30 minute summer	J17	19	186.381	0.098	34.1	0.1111	0.0000	OK
30 minute summer	J18	19	186.256	0.131	40.7	0.1485	0.0000	OK
30 minute summer	J19	19	186.216	0.189	41.4	0.2141	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J5	1.005	J6	14.3	1.425	0.375	0.0569	
30 minute summer	J6	1.006	J7	15.0	1.397	0.528	0.0211	
30 minute summer	J7	1.007	J8	15.9	1.113	0.518	0.0163	
30 minute summer	J8	1.008	J9	16.5	1.126	0.185	0.1249	
30 minute summer	J9	1.009	J10	16.9	1.141	0.506	0.0179	
30 minute summer	J10	1.010	J11	18.0	1.349	0.140	0.0341	
30 minute summer	J11	1.011	S2	18.9	0.789	0.293	0.1378	
30 minute summer	J12	1.013	J13	31.4	1.469	0.468	0.1393	
30 minute summer	J13	1.014	J14	31.5	0.706	0.557	0.0847	
30 minute summer	J14	1.015	J15	32.2	0.821	0.571	0.0750	
30 minute summer	J15	1.016	J16	32.7	1.056	0.614	0.1592	
30 minute summer	J16	1.017	J17	33.4	1.447	0.234	0.0776	
30 minute summer	J17	1.018	S3	34.2	1.148	0.110	0.0573	
30 minute summer	J18	1.020	J19	40.6	1.062	0.142	0.0569	
30 minute summer	J19	1.021	S4	41.3	0.981	0.748	0.1849	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J20	19	186.139	0.108	8.8	0.1225	0.0000	OK
30 minute summer	J21	19	186.116	0.107	9.5	0.1214	0.0000	OK
30 minute summer	J22	20	186.081	0.118	10.2	0.1337	0.0000	OK
30 minute summer	J23	20	186.053	0.111	10.5	0.1256	0.0000	OK
30 minute summer	J24	19	185.992	0.175	18.4	0.1977	0.0000	OK
30 minute summer	J25	19	185.978	0.182	19.0	0.2055	0.0000	OK
30 minute summer	J26	19	185.964	0.185	19.7	0.2095	0.0000	OK
30 minute summer	J27	19	185.905	0.169	27.8	0.1912	0.0000	OK
30 minute summer	J28	20	186.579	0.223	6.9	0.2519	0.0000	SURCHARGED
30 minute summer	J29	20	186.446	0.175	7.4	0.1980	0.0000	SURCHARGED
30 minute summer	J30	19	186.302	0.155	15.5	0.1751	0.0000	SURCHARGED
30 minute summer	J31	19	186.170	0.126	16.2	0.1423	0.0000	OK
30 minute summer	J32	19	186.124	0.113	17.0	0.1278	0.0000	OK
30 minute summer	J33	19	185.610	0.075	24.9	0.0850	0.0000	OK
30 minute summer	J34	19	185.287	0.162	33.7	0.1828	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J20	23.002	J21	8.8	0.657	0.650	0.0512	
30 minute summer	J21	23.003	J22	9.5	0.675	0.706	0.1134	
30 minute summer	J22	23.004	J23	10.2	0.708	0.756	0.0519	
30 minute summer	J23	23.005	S18	10.6	0.822	0.790	0.0999	
30 minute summer	J24	23.007	J25	18.2	0.544	0.605	0.2085	
30 minute summer	J25	23.008	J26	18.9	0.552	0.627	0.1721	
30 minute summer	J26	23.009	S19	19.9	0.586	0.652	0.1296	
30 minute summer	J27	23.011	S4	27.7	0.956	0.927	0.0691	
30 minute summer	J28	32.001	J29	6.6	0.846	1.118	0.0691	
30 minute summer	J29	32.002	S12	7.7	0.987	1.302	0.0364	
30 minute summer	J30	32.004	J31	15.4	0.925	1.164	0.0799	
30 minute summer	J31	32.005	J32	16.2	0.758	0.539	0.2083	
30 minute summer	J32	32.006	S13	17.0	1.073	0.564	0.0870	
30 minute summer	J33	32.008	S14	25.0	1.176	0.240	0.1969	
30 minute summer	J34	32.010	J35	33.7	1.322	0.874	0.2290	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J35	19	185.189	0.114	34.4	0.1292	0.0000	OK
30 minute summer	J36	19	185.044	0.168	35.2	0.1905	0.0000	OK
30 minute summer	J37	18	184.671	0.171	44.4	0.1936	0.0000	OK
30 minute summer	J38	19	184.552	0.252	53.7	0.2845	0.0000	OK
30 minute summer	J39	19	184.497	0.223	54.6	0.2527	0.0000	OK
30 minute summer	J40	19	184.448	0.183	56.8	0.2065	0.0000	OK
30 minute summer	J41	26	184.622	0.025	0.8	0.0281	0.0000	OK
30 minute summer	J42	25	184.574	0.037	1.6	0.0416	0.0000	OK
30 minute summer	J43	19	184.486	0.106	8.1	0.1202	0.0000	OK
30 minute summer	J44	19	184.470	0.100	8.7	0.1131	0.0000	OK
30 minute summer	J45	20	184.438	0.118	9.3	0.1331	0.0000	OK
30 minute summer	J46	20	184.414	0.192	15.3	0.2168	0.0000	OK
30 minute summer	J47	20	184.407	0.200	15.8	0.2263	0.0000	OK
30 minute summer	J48	20	184.391	0.197	21.8	0.2227	0.0000	OK
30 minute summer	J49	20	184.373	0.204	22.3	0.2305	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J35	32.011	J36	34.5	1.313	0.387	0.1791	
30 minute summer	J36	32.012	S15	35.3	1.299	1.177	0.0643	
30 minute summer	J37	32.014	S16	44.5	1.306	0.807	0.1782	
30 minute summer	J38	32.016	J39	53.8	0.901	0.996	0.6455	
30 minute summer	J39	32.017	J40	54.7	1.078	1.000	0.1849	
30 minute summer	J40	32.018	S10	56.9	1.366	0.571	0.3981	
30 minute summer	J41	48.002	J42	0.8	0.425	0.135	0.0128	
30 minute summer	J42	48.003	S21	1.6	0.626	0.271	0.0243	
30 minute summer	J43	48.005	J44	8.0	0.637	0.574	0.0207	
30 minute summer	J44	48.006	J45	8.7	0.678	0.648	0.1191	
30 minute summer	J45	48.007	S22	9.2	0.723	0.679	0.0346	
30 minute summer	J46	48.009	J47	15.1	0.426	0.490	0.1546	
30 minute summer	J47	48.010	S23	15.7	0.418	0.520	0.0990	
30 minute summer	J48	48.012	J49	21.6	0.590	0.721	0.2782	
30 minute summer	J49	48.013	J50	22.2	0.602	0.724	0.0423	

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.361	0.196	23.0	0.2216	0.0000	OK
30 minute summer	J51	20	184.342	0.194	23.7	0.2192	0.0000	OK
30 minute summer	J52	20	184.326	0.182	24.4	0.2053	0.0000	OK
30 minute summer	J53	20	184.298	0.171	25.1	0.1929	0.0000	OK
30 minute summer	J54	20	185.268	0.139	7.4	0.1570	0.0000	SURCHARGED
30 minute summer	J55	20	185.197	0.103	7.7	0.1170	0.0000	SURCHARGED
30 minute summer	J56	20	184.226	0.219	38.4	0.2474	0.0000	OK
30 minute summer	J57	20	184.197	0.212	39.2	0.2400	0.0000	OK
30 minute summer	BASIN 1	67	185.617	0.692	77.7	76.1894	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.688	0.388	4.2	37.5240	0.0000	OK
30 minute summer	BASIN 3	270	182.796	-0.304	76.0	71.1808	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	23.0	0.632	0.768	0.1854	
30 minute summer	J51	48.015	J52	23.7	0.668	0.772	0.0401	
30 minute summer	J52	48.016	J53	24.4	0.733	0.801	0.1624	
30 minute summer	J53	48.017	S24	25.1	0.876	0.831	0.3134	
30 minute summer	J54	65.002	J55	7.2	0.918	1.213	0.0285	
30 minute summer	J55	65.003	S24	7.5	1.053	0.981	0.0592	
30 minute summer	J56	48.019	J57	38.5	0.711	0.710	0.4922	
30 minute summer	J57	48.020	S25	39.2	0.773	0.719	0.3127	
30 minute summer	BASIN 1	1.023	S5	3.8	0.332	0.045	0.9418	
30 minute summer	BASIN 1	Infiltration		0.1				1.6
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 2	71.000	BH1	2.0	0.747	0.340	0.1829	
30 minute summer	BASIN 2	Infiltration		0.0				0.0
30 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	BASIN 4	107	183.545	0.215	52.7	61.6694	0.0000	OK
30 minute summer	SWALE 1	68	184.922	0.048	2.8	0.0687	0.0000	OK
30 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	19	184.194	0.199	65.6	0.2848	0.0000	OK
30 minute summer	BH1	270	184.688	0.611	2.0	2.5732	0.0000	OK
30 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute summer	BH3	106	183.545	0.226	10.4	2.6618	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	BASIN 4	48.022	BH3	10.4	1.100	0.191	0.2533	
30 minute summer	BASIN 4	Infiltration		0.0				0.0
30 minute summer	SWALE 1	1.025	S6	2.8	0.358	0.034	0.3004	
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute summer	SWALE 3	1.033	BASIN 3	64.9	1.147	0.519	2.4518	
30 minute summer	BH1	Infiltration		0.1				1.3
30 minute summer	BH2	Infiltration		0.0				0.0
30 minute summer	BH3	Infiltration		0.2				2.7

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	19	188.435	0.065	5.0	0.0954	0.0000	OK
30 minute winter	S2	19	187.206	0.167	27.5	0.2896	0.0000	OK
30 minute winter	S3	20	186.295	0.158	35.9	0.2103	0.0000	OK
30 minute winter	S4	67	185.619	0.241	65.7	0.3083	0.0000	OK
30 minute winter	S5	67	185.619	0.708	3.9	1.0138	0.0000	SURCHARGED
30 minute winter	S6	69	184.854	0.046	2.9	0.0661	0.0000	OK
30 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	19	184.255	0.130	0.9	0.1855	0.0000	OK
30 minute winter	S10	19	184.255	0.142	56.5	0.2575	0.0000	OK
30 minute winter	S11	20	186.568	0.168	6.4	0.2645	0.0000	SURCHARGED
30 minute winter	S12	19	186.326	0.150	13.3	0.2224	0.0000	SURCHARGED
30 minute winter	S13	19	186.069	0.076	21.5	0.1139	0.0000	OK
30 minute winter	S14	19	185.327	0.151	29.3	0.2385	0.0000	OK
30 minute winter	S15	19	184.980	0.113	37.8	0.1774	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S1	1.000	J1	4.8	0.697	0.549	0.0542	
30 minute winter	S2	1.012	J12	27.4	0.954	0.917	0.0428	
30 minute winter	S3	1.019	J18	35.9	1.112	0.674	0.1660	
30 minute winter	S4	1.022	BASIN 1	65.7	1.969	0.392	1.0952	
30 minute winter	S5	1.024	SWALE 1	2.9	0.377	0.034	0.1658	
30 minute winter	S6	1.026	BASIN 2	2.9	0.431	0.033	0.0382	
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2028	
30 minute winter	S9	1.031	S10	-0.9	-0.161	-0.011	0.2399	
30 minute winter	S10	1.032	SWALE 3	56.3	1.251	0.171	0.1980	
30 minute winter	S11	32.000	J28	5.9	0.749	0.985	0.0355	
30 minute winter	S12	32.003	J30	13.2	0.761	0.990	0.0878	
30 minute winter	S13	32.007	J33	21.5	1.917	0.219	0.1457	
30 minute winter	S14	32.009	J34	29.2	1.042	0.575	0.1470	
30 minute winter	S15	32.013	J37	37.8	2.052	0.410	0.1722	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	18	184.599	0.112	45.5	0.1706	0.0000	OK
30 minute winter	S17	19	186.273	0.123	6.9	0.1963	0.0000	SURCHARGED
30 minute winter	S18	19	185.981	0.157	15.4	0.2326	0.0000	OK
30 minute winter	S19	19	185.933	0.167	23.6	0.2412	0.0000	OK
30 minute winter	S20	27	184.668	0.026	0.8	0.0292	0.0000	OK
30 minute winter	S21	19	184.497	0.088	6.5	0.1165	0.0000	OK
30 minute winter	S22	20	184.402	0.171	13.3	0.2216	0.0000	OK
30 minute winter	S23	20	184.385	0.187	19.0	0.2405	0.0000	OK
30 minute winter	S24	20	184.232	0.215	35.1	0.2831	0.0000	OK
30 minute winter	S25	20	184.157	0.187	40.5	0.2592	0.0000	OK
30 minute winter	S26	18	185.431	0.054	5.9	0.0799	0.0000	OK
30 minute winter	FC1	25	188.887	0.637	2.3	1.0261	0.0000	SURCHARGED
30 minute winter	FC2	25	188.784	0.634	2.3	0.9990	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S16	32.015	J38	45.6	1.120	0.143	0.0932	
30 minute winter	S17	23.001	J20	6.8	0.874	1.143	0.0531	
30 minute winter	S18	23.006	J24	15.3	0.538	0.479	0.0538	
30 minute winter	S19	23.010	J27	23.5	0.769	0.783	0.2715	
30 minute winter	S20	48.001	J41	0.8	0.516	0.134	0.0072	
30 minute winter	S21	48.004	J43	6.5	0.576	0.484	0.0582	
30 minute winter	S22	48.008	J46	13.1	0.436	0.417	0.0796	
30 minute winter	S23	48.011	J48	18.9	0.563	0.612	0.0390	
30 minute winter	S24	48.018	J56	35.0	0.664	0.655	0.2244	
30 minute winter	S25	48.021	BASIN 4	40.5	0.974	0.760	0.1599	
30 minute winter	S26	65.001	J54	5.9	0.952	0.568	0.0518	
30 minute winter	FC1	2.000	J1	1.4	0.542	0.233	0.0372	
30 minute winter	FC1	Infiltration		0.0				0.0
30 minute winter	FC2	3.000	J2	0.8	0.513	0.133	0.0169	
30 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC3	26	188.847	0.647	3.2	1.5353	0.0000	SURCHARGED
30 minute winter	FC4	24	188.748	0.548	1.8	0.6854	0.0000	SURCHARGED
30 minute winter	FC5	25	188.633	0.633	2.3	0.9997	0.0000	SURCHARGED
30 minute winter	FC6	24	188.397	0.547	1.8	0.6844	0.0000	SURCHARGED
30 minute winter	FC7	24	188.298	0.548	1.8	0.6857	0.0000	SURCHARGED
30 minute winter	FC8	25	188.384	0.634	2.3	0.9960	0.0000	SURCHARGED
30 minute winter	FC9	24	188.019	0.549	1.8	0.6869	0.0000	SURCHARGED
30 minute winter	FC10	26	188.123	0.652	3.2	1.5331	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC3	4.000	J3	0.8	0.540	0.128	0.0262	
30 minute winter	FC3	Infiltration		0.0				0.0
30 minute winter	FC4	5.000	J4	0.7	0.596	0.099	0.0091	
30 minute winter	FC4	Infiltration		0.0				0.0
30 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
30 minute winter	FC5	Infiltration		0.0				0.0
30 minute winter	FC6	7.000	J6	0.7	0.661	0.085	0.0154	
30 minute winter	FC6	Infiltration		0.0				0.0
30 minute winter	FC7	8.000	J7	0.7	0.576	0.103	0.0093	
30 minute winter	FC7	Infiltration		0.0				0.0
30 minute winter	FC8	9.000	J8	0.8	0.719	0.083	0.0046	
30 minute winter	FC8	Infiltration		0.0				0.0
30 minute winter	FC9	10.000	J9	0.7	0.507	0.123	0.0104	
30 minute winter	FC9	Infiltration		0.0				0.0
30 minute winter	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC11	25	187.955	0.635	2.3	0.9990	0.0000	SURCHARGED
30 minute winter	FC12	25	187.865	0.635	2.3	0.9988	0.0000	SURCHARGED
30 minute winter	FC13	25	187.635	0.635	2.3	0.9990	0.0000	SURCHARGED
30 minute winter	FC14	31	187.017	0.117	2.3	1.4914	0.0000	SURCHARGED
30 minute winter	FC15	24	187.745	0.545	1.8	0.6821	0.0000	SURCHARGED
30 minute winter	FC16	24	187.449	0.549	1.8	0.6865	0.0000	SURCHARGED
30 minute winter	FC17	24	187.546	0.546	1.8	0.6831	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC10	Infiltration		0.0				0.0
30 minute winter	FC11	12.000	J11	0.8	0.516	0.134	0.0118	
30 minute winter	FC11	Infiltration		0.0				0.0
30 minute winter	FC12	13.000	S2	0.8	0.516	0.134	0.0159	
30 minute winter	FC12	Infiltration		0.0				0.0
30 minute winter	FC13	14.000	J12	0.8	0.517	0.133	0.0104	
30 minute winter	FC13	Infiltration		0.0				0.0
30 minute winter	FC14	15.000	J13	0.3	0.401	0.054	0.0061	
30 minute winter	FC14	Infiltration		0.0				0.0
30 minute winter	FC15	16.000	J14	0.7	1.076	0.042	0.0032	
30 minute winter	FC15	Infiltration		0.0				0.0
30 minute winter	FC16	17.000	J15	0.7	0.530	0.116	0.0105	
30 minute winter	FC16	Infiltration		0.0				0.0
30 minute winter	FC17	18.000	J16	0.7	0.840	0.060	0.0042	
30 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC18	24	187.099	0.549	1.8	0.6870	0.0000	SURCHARGED
30 minute winter	FC19	25	187.035	0.635	2.3	0.9991	0.0000	SURCHARGED
30 minute winter	FC20	25	187.583	0.633	2.3	0.9933	0.0000	SURCHARGED
30 minute winter	FC21	25	186.934	0.634	2.3	0.9992	0.0000	SURCHARGED
30 minute winter	FC22	28	186.558	0.108	1.8	1.0435	0.0000	SURCHARGED
30 minute winter	FC23	24	186.846	0.546	1.8	0.6827	0.0000	SURCHARGED
30 minute winter	FC24	25	186.934	0.634	2.3	0.9939	0.0000	SURCHARGED
30 minute winter	FC25	25	187.183	0.633	2.3	0.9933	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC18	19.000	J17	0.7	0.505	0.124	0.0102	
30 minute winter	FC18	Infiltration		0.0				0.0
30 minute winter	FC19	20.000	S3	0.8	0.514	0.134	0.0101	
30 minute winter	FC19	Infiltration		0.0				0.0
30 minute winter	FC20	21.000	J18	0.8	1.041	0.049	0.0033	
30 minute winter	FC20	Infiltration		0.0				0.0
30 minute winter	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
30 minute winter	FC21	Infiltration		0.0				0.0
30 minute winter	FC22	23.000	S17	0.3	0.516	0.021	0.0195	
30 minute winter	FC22	Infiltration		0.0				0.0
30 minute winter	FC23	24.000	J20	0.7	0.890	0.055	0.0096	
30 minute winter	FC23	Infiltration		0.0				0.0
30 minute winter	FC24	25.000	J21	0.8	0.938	0.057	0.0098	
30 minute winter	FC24	Infiltration		0.0				0.0
30 minute winter	FC25	26.000	J22	0.8	1.033	0.050	0.0036	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC26	28	186.554	0.104	1.8	1.0495	0.0000	SURCHARGED
30 minute winter	FC27	24	187.045	0.545	1.8	0.6815	0.0000	SURCHARGED
30 minute winter	FC28	25	187.133	0.633	2.3	0.9934	0.0000	SURCHARGED
30 minute winter	FC29	25	187.132	0.632	2.3	0.9938	0.0000	SURCHARGED
30 minute winter	FC30	25	187.383	0.633	2.3	0.9940	0.0000	SURCHARGED
30 minute winter	FC31	24	187.003	0.553	1.8	0.6919	0.0000	SURCHARGED
30 minute winter	FC32	24	186.996	0.546	1.8	0.6828	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC25	Infiltration		0.0				0.0
30 minute winter	FC26	27.000	J23	0.3	0.691	0.023	0.0021	
30 minute winter	FC26	Infiltration		0.0				0.0
30 minute winter	FC27	28.000	J24	0.7	1.253	0.034	0.0056	
30 minute winter	FC27	Infiltration		0.0				0.0
30 minute winter	FC28	29.000	J25	0.8	1.038	0.050	0.0033	
30 minute winter	FC28	Infiltration		0.0				0.0
30 minute winter	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
30 minute winter	FC29	Infiltration		0.0				0.0
30 minute winter	FC30	31.000	J27	0.8	0.968	0.055	0.0036	
30 minute winter	FC30	Infiltration		0.0				0.0
30 minute winter	FC31	33.000	J28	1.1	0.518	0.127	0.0280	
30 minute winter	FC31	Infiltration		0.0				0.0
30 minute winter	FC32	34.000	J29	0.7	0.396	0.058	0.0180	
30 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC33	25	187.084	0.634	2.3	0.9937	0.0000	SURCHARGED
30 minute winter	FC34	25	187.085	0.634	2.3	0.9990	0.0000	SURCHARGED
30 minute winter	FC35	25	187.083	0.633	2.3	0.9940	0.0000	SURCHARGED
30 minute winter	FC36	25	187.081	0.631	2.3	0.9940	0.0000	SURCHARGED
30 minute winter	FC37	26	186.456	0.656	3.2	1.5298	0.0000	SURCHARGED
30 minute winter	FC38	30	185.540	0.090	1.8	1.0768	0.0000	OK
30 minute winter	FC39	24	185.996	0.546	1.8	0.6826	0.0000	SURCHARGED
30 minute winter	FC40	25	186.089	0.589	2.3	1.0032	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC33	35.000	S12	0.8	0.949	0.056	0.0178	
30 minute winter	FC33	Infiltration		0.0				0.0
30 minute winter	FC34	36.000	J30	0.8	0.528	0.128	0.0071	
30 minute winter	FC34	Infiltration		0.0				0.0
30 minute winter	FC35	37.000	J31	0.8	0.959	0.056	0.0042	
30 minute winter	FC35	Infiltration		0.0				0.0
30 minute winter	FC36	38.000	J32	0.8	1.005	0.052	0.0040	
30 minute winter	FC36	Infiltration		0.0				0.0
30 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0077	
30 minute winter	FC37	Infiltration		0.0				0.0
30 minute winter	FC38	40.000	J34	0.3	0.647	0.023	0.0041	
30 minute winter	FC38	Infiltration		0.0				0.0
30 minute winter	FC39	41.000	J35	0.7	0.946	0.051	0.0035	
30 minute winter	FC39	Infiltration		0.0				0.0
30 minute winter	FC40	42.000	J36	0.8	1.170	0.040	0.0065	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC41	25	185.482	0.632	2.3	0.9954	0.0000	SURCHARGED
30 minute winter	FC42	25	185.232	0.632	2.3	0.9966	0.0000	SURCHARGED
30 minute winter	FC43	25	185.223	0.623	2.3	0.9969	0.0000	SURCHARGED
30 minute winter	FC44	18	184.630	0.029	1.8	0.0368	0.0000	OK
30 minute winter	FC45	24	185.146	0.546	1.8	0.6829	0.0000	SURCHARGED
30 minute winter	FC46	26	185.353	0.652	3.2	1.5344	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	25	185.433	0.633	2.3	0.9940	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC40	Infiltration		0.0				0.0
30 minute winter	FC41	43.000	J37	0.8	0.770	0.075	0.0052	
30 minute winter	FC41	Infiltration		0.0				0.0
30 minute winter	FC42	44.000	J38	0.8	0.670	0.092	0.0067	
30 minute winter	FC42	Infiltration		0.0				0.0
30 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
30 minute winter	FC43	Infiltration		0.0				0.0
30 minute winter	FC44	46.000	J40	1.8	0.973	0.169	0.0081	
30 minute winter	FC44	Infiltration		0.0				0.0
30 minute winter	FC45	47.000	S10	0.7	0.879	0.056	0.0039	
30 minute winter	FC45	Infiltration		0.0				0.0
30 minute winter	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
30 minute winter	FC46	Infiltration		0.0				0.0
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
30 minute winter	FC48	50.000	J42	0.8	0.728	0.057	0.0086	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC49	25	185.434	0.634	2.3	0.9995	0.0000	SURCHARGED
30 minute winter	FC50	25	185.434	0.634	2.3	0.9994	0.0000	SURCHARGED
30 minute winter	FC51	25	185.482	0.632	2.3	0.9995	0.0000	SURCHARGED
30 minute winter	FC52	25	185.880	0.630	2.3	0.9960	0.0000	SURCHARGED
30 minute winter	FC53	25	185.883	0.633	2.3	0.9962	0.0000	SURCHARGED
30 minute winter	FC54	24	185.797	0.547	1.8	0.6837	0.0000	SURCHARGED
30 minute winter	FC55	24	185.796	0.546	1.8	0.6825	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC48	Infiltration		0.0				0.0
30 minute winter	FC49	51.000	S21	0.8	0.511	0.133	0.0067	
30 minute winter	FC49	Infiltration		0.0				0.0
30 minute winter	FC50	52.000	J43	0.8	0.512	0.133	0.0072	
30 minute winter	FC50	Infiltration		0.0				0.0
30 minute winter	FC51	55.000	S22	0.8	0.514	0.133	0.0094	
30 minute winter	FC51	Infiltration		0.0				0.0
30 minute winter	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
30 minute winter	FC52	Infiltration		0.0				0.0
30 minute winter	FC53	61.000	J50	0.8	0.704	0.085	0.0048	
30 minute winter	FC53	Infiltration		0.0				0.0
30 minute winter	FC54	62.000	J51	0.7	0.764	0.068	0.0038	
30 minute winter	FC54	Infiltration		0.0				0.0
30 minute winter	FC55	64.000	J53	0.7	0.967	0.049	0.0032	
30 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC56	24	185.895	0.545	1.8	0.6823	0.0000	SURCHARGED
30 minute winter	FC57	24	185.896	0.546	1.8	0.6826	0.0000	SURCHARGED
30 minute winter	FC58	24	185.896	0.546	1.8	0.6828	0.0000	SURCHARGED
30 minute winter	FC59	24	185.896	0.546	1.8	0.6832	0.0000	SURCHARGED
30 minute winter	FC60	25	185.984	0.634	2.3	0.9946	0.0000	SURCHARGED
30 minute winter	FC61	25	185.934	0.634	2.3	0.9963	0.0000	SURCHARGED
30 minute winter	FC62	26	185.900	0.650	3.2	1.5319	0.0000	SURCHARGED
30 minute winter	FC63	24	185.951	0.551	1.8	0.6890	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC56	53.000	J44	0.7	0.999	0.048	0.0049	
30 minute winter	FC56	Infiltration		0.0				0.0
30 minute winter	FC57	54.000	J45	0.7	0.937	0.052	0.0051	
30 minute winter	FC57	Infiltration		0.0				0.0
30 minute winter	FC58	56.000	J46	0.7	0.900	0.055	0.0051	
30 minute winter	FC58	Infiltration		0.0				0.0
30 minute winter	FC59	57.000	J47	0.7	0.834	0.061	0.0056	
30 minute winter	FC59	Infiltration		0.0				0.0
30 minute winter	FC60	59.000	J48	0.8	0.843	0.067	0.0062	
30 minute winter	FC60	Infiltration		0.0				0.0
30 minute winter	FC61	60.000	J49	0.8	0.676	0.092	0.0087	
30 minute winter	FC61	Infiltration		0.0				0.0
30 minute winter	FC62	63.000	J52	0.8	0.625	0.105	0.0120	
30 minute winter	FC62	Infiltration		0.0				0.0
30 minute winter	FC63	65.000	S26	0.7	0.540	0.125	0.0077	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC64	24	185.718	0.568	1.8	0.7105	0.0000	SURCHARGED
30 minute winter	FC65	25	185.784	0.634	2.3	0.9963	0.0000	SURCHARGED
30 minute winter	FC66	25	185.635	0.634	2.3	0.9981	0.0000	SURCHARGED
30 minute winter	FC67	30	184.903	0.103	1.8	1.0583	0.0000	SURCHARGED
30 minute winter	FC68	24	185.097	0.547	1.8	0.6847	0.0000	SURCHARGED
30 minute winter	J1	19	188.385	0.185	10.2	0.2719	0.0000	SURCHARGED
30 minute winter	J2	20	188.176	0.120	10.7	0.1356	0.0000	OK
30 minute winter	J3	20	188.152	0.102	11.5	0.1157	0.0000	OK
30 minute winter	J4	20	188.112	0.073	12.2	0.0821	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC63	Infiltration		0.0				0.0
30 minute winter	FC64	66.000	J54	0.9	0.333	0.155	0.0165	
30 minute winter	FC64	Infiltration		0.0				0.0
30 minute winter	FC65	67.000	J55	1.7	0.423	0.171	0.0097	
30 minute winter	FC65	Infiltration		0.0				0.0
30 minute winter	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
30 minute winter	FC66	Infiltration		0.0				0.0
30 minute winter	FC67	69.000	J56	0.3	0.382	0.051	0.0016	
30 minute winter	FC67	Infiltration		0.0				0.0
30 minute winter	FC68	70.000	J57	0.7	0.660	0.082	0.0025	
30 minute winter	FC68	Infiltration		0.0				0.0
30 minute winter	J1	1.001	J2	10.0	1.275	1.203	0.0389	
30 minute winter	J2	1.002	J3	10.7	0.766	0.795	0.0145	
30 minute winter	J3	1.003	J4	11.5	1.079	0.865	0.0207	
30 minute winter	J4	1.004	J5	12.2	1.566	0.357	0.0275	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J5	20	187.974	0.064	13.0	0.0721	0.0000	OK
30 minute winter	J6	20	187.743	0.092	13.6	0.1046	0.0000	OK
30 minute winter	J7	20	187.628	0.103	14.3	0.1160	0.0000	OK
30 minute winter	J8	20	187.585	0.064	15.8	0.0721	0.0000	OK
30 minute winter	J9	21	187.381	0.106	15.8	0.1200	0.0000	OK
30 minute winter	J10	21	187.335	0.065	16.3	0.0732	0.0000	OK
30 minute winter	J11	21	187.217	0.096	17.4	0.1084	0.0000	OK
30 minute winter	J12	19	186.926	0.117	28.1	0.1320	0.0000	OK
30 minute winter	J13	20	186.805	0.178	28.3	0.2017	0.0000	OK
30 minute winter	J14	20	186.787	0.165	29.0	0.1864	0.0000	OK
30 minute winter	J15	20	186.761	0.144	29.7	0.1631	0.0000	OK
30 minute winter	J16	20	186.719	0.114	30.4	0.1285	0.0000	OK
30 minute winter	J17	20	186.374	0.091	31.1	0.1032	0.0000	OK
30 minute winter	J18	20	186.248	0.122	36.7	0.1385	0.0000	OK
30 minute winter	J19	20	186.206	0.179	37.5	0.2026	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J5	1.005	J6	13.0	1.399	0.339	0.0526	
30 minute winter	J6	1.006	J7	13.6	1.368	0.479	0.0196	
30 minute winter	J7	1.007	J8	15.0	1.126	0.488	0.0152	
30 minute winter	J8	1.008	J9	15.1	1.103	0.169	0.1169	
30 minute winter	J9	1.009	J10	15.5	1.123	0.465	0.0167	
30 minute winter	J10	1.010	J11	16.6	1.340	0.129	0.0312	
30 minute winter	J11	1.011	S2	17.4	0.762	0.270	0.1279	
30 minute winter	J12	1.013	J13	28.1	1.465	0.419	0.1247	
30 minute winter	J13	1.014	J14	28.4	0.682	0.501	0.0790	
30 minute winter	J14	1.015	J15	29.1	0.795	0.516	0.0700	
30 minute winter	J15	1.016	J16	29.8	1.029	0.558	0.1484	
30 minute winter	J16	1.017	J17	30.4	1.414	0.214	0.0725	
30 minute winter	J17	1.018	S3	31.1	1.134	0.100	0.0526	
30 minute winter	J18	1.020	J19	36.7	1.036	0.128	0.0528	
30 minute winter	J19	1.021	S4	37.5	0.951	0.680	0.1733	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J20	19	186.126	0.095	7.4	0.1078	0.0000	OK
30 minute winter	J21	19	186.104	0.095	8.2	0.1074	0.0000	OK
30 minute winter	J22	20	186.068	0.105	8.9	0.1189	0.0000	OK
30 minute winter	J23	20	186.041	0.099	9.2	0.1115	0.0000	OK
30 minute winter	J24	19	185.972	0.155	15.9	0.1750	0.0000	OK
30 minute winter	J25	20	185.958	0.162	16.6	0.1836	0.0000	OK
30 minute winter	J26	19	185.946	0.167	17.4	0.1884	0.0000	OK
30 minute winter	J27	20	185.892	0.156	24.2	0.1762	0.0000	OK
30 minute winter	J28	20	186.514	0.158	6.2	0.1791	0.0000	SURCHARGED
30 minute winter	J29	20	186.403	0.132	6.8	0.1497	0.0000	SURCHARGED
30 minute winter	J30	19	186.285	0.138	14.0	0.1561	0.0000	OK
30 minute winter	J31	20	186.163	0.119	14.7	0.1342	0.0000	OK
30 minute winter	J32	20	186.118	0.107	15.5	0.1213	0.0000	OK
30 minute winter	J33	19	185.605	0.070	22.3	0.0796	0.0000	OK
30 minute winter	J34	19	185.273	0.148	29.4	0.1673	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J20	23.002	J21	7.4	0.634	0.549	0.0445	
30 minute winter	J21	23.003	J22	8.1	0.656	0.607	0.0998	
30 minute winter	J22	23.004	J23	8.9	0.701	0.658	0.0457	
30 minute winter	J23	23.005	S18	9.2	0.794	0.685	0.0865	
30 minute winter	J24	23.007	J25	15.8	0.533	0.526	0.1847	
30 minute winter	J25	23.008	J26	16.6	0.534	0.550	0.1544	
30 minute winter	J26	23.009	S19	17.5	0.561	0.572	0.1171	
30 minute winter	J27	23.011	S4	24.2	0.911	0.810	0.0634	
30 minute winter	J28	32.001	J29	6.1	0.775	1.023	0.0691	
30 minute winter	J29	32.002	S12	6.9	0.889	1.163	0.0364	
30 minute winter	J30	32.004	J31	13.9	0.896	1.050	0.0765	
30 minute winter	J31	32.005	J32	14.7	0.739	0.490	0.1943	
30 minute winter	J32	32.006	S13	15.5	1.043	0.517	0.0805	
30 minute winter	J33	32.008	S14	22.2	1.156	0.214	0.1771	
30 minute winter	J34	32.010	J35	29.4	1.292	0.764	0.2052	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J35	19	185.179	0.104	30.1	0.1171	0.0000	OK
30 minute winter	J36	19	185.030	0.155	30.9	0.1748	0.0000	OK
30 minute winter	J37	19	184.658	0.158	38.6	0.1787	0.0000	OK
30 minute winter	J38	19	184.526	0.226	46.3	0.2554	0.0000	OK
30 minute winter	J39	19	184.476	0.202	47.1	0.2286	0.0000	OK
30 minute winter	J40	19	184.431	0.166	48.9	0.1877	0.0000	OK
30 minute winter	J41	27	184.622	0.025	0.8	0.0281	0.0000	OK
30 minute winter	J42	26	184.574	0.037	1.6	0.0416	0.0000	OK
30 minute winter	J43	19	184.478	0.097	7.2	0.1102	0.0000	OK
30 minute winter	J44	19	184.461	0.091	7.8	0.1032	0.0000	OK
30 minute winter	J45	20	184.424	0.104	8.4	0.1178	0.0000	OK
30 minute winter	J46	20	184.397	0.175	13.8	0.1976	0.0000	OK
30 minute winter	J47	20	184.391	0.183	14.3	0.2075	0.0000	OK
30 minute winter	J48	20	184.375	0.181	19.6	0.2045	0.0000	OK
30 minute winter	J49	20	184.358	0.189	20.3	0.2139	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J35	32.011	J36	30.1	1.279	0.338	0.1611	
30 minute winter	J36	32.012	S15	30.9	1.262	1.030	0.0581	
30 minute winter	J37	32.014	S16	38.6	1.262	0.700	0.1593	
30 minute winter	J38	32.016	J39	46.4	0.863	0.859	0.5808	
30 minute winter	J39	32.017	J40	47.2	1.041	0.862	0.1653	
30 minute winter	J40	32.018	S10	48.9	1.318	0.491	0.3549	
30 minute winter	J41	48.002	J42	0.8	0.422	0.135	0.0128	
30 minute winter	J42	48.003	S21	1.6	0.625	0.270	0.0212	
30 minute winter	J43	48.005	J44	7.2	0.621	0.514	0.0187	
30 minute winter	J44	48.006	J45	7.8	0.664	0.584	0.1063	
30 minute winter	J45	48.007	S22	8.4	0.730	0.623	0.0297	
30 minute winter	J46	48.009	J47	13.6	0.415	0.442	0.1428	
30 minute winter	J47	48.010	S23	14.3	0.409	0.474	0.0923	
30 minute winter	J48	48.012	J49	19.5	0.569	0.653	0.2601	
30 minute winter	J49	48.013	J50	20.3	0.582	0.662	0.0397	

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J50	20	184.347	0.182	21.1	0.2055	0.0000	OK
30 minute winter	J51	20	184.329	0.181	21.7	0.2044	0.0000	OK
30 minute winter	J52	21	184.313	0.169	22.4	0.1910	0.0000	OK
30 minute winter	J53	21	184.285	0.158	23.1	0.1790	0.0000	OK
30 minute winter	J54	19	185.237	0.108	6.3	0.1217	0.0000	SURCHARGED
30 minute winter	J55	19	185.179	0.085	7.9	0.0964	0.0000	OK
30 minute winter	J56	20	184.213	0.206	35.3	0.2332	0.0000	OK
30 minute winter	J57	20	184.186	0.201	36.0	0.2276	0.0000	OK
30 minute winter	BASIN 1	67	185.619	0.694	68.4	76.4505	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.689	0.389	3.7	37.5901	0.0000	OK
30 minute winter	BASIN 3	270	182.796	-0.304	65.3	71.3325	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J50	48.014	J51	21.0	0.613	0.703	0.1739	
30 minute winter	J51	48.015	J52	21.6	0.654	0.706	0.0375	
30 minute winter	J52	48.016	J53	22.4	0.725	0.735	0.1506	
30 minute winter	J53	48.017	S24	23.2	0.870	0.769	0.2864	
30 minute winter	J54	65.002	J55	6.3	0.828	1.056	0.0272	
30 minute winter	J55	65.003	S24	7.1	1.050	0.931	0.0531	
30 minute winter	J56	48.019	J57	35.3	0.694	0.651	0.4628	
30 minute winter	J57	48.020	S25	36.0	0.752	0.660	0.2952	
30 minute winter	BASIN 1	1.023	S5	3.9	0.361	0.047	0.9418	
30 minute winter	BASIN 1	Infiltration		0.1				1.6
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 2	71.000	BH1	2.0	0.746	0.342	0.1829	
30 minute winter	BASIN 2	Infiltration		0.0				0.0
30 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	BASIN 4	107	183.546	0.216	47.4	61.7900	0.0000	OK
30 minute winter	SWALE 1	68	184.922	0.048	2.9	0.0687	0.0000	OK
30 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.176	0.181	56.3	0.2596	0.0000	OK
30 minute winter	BH1	270	184.688	0.611	2.0	2.5749	0.0000	OK
30 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute winter	BH3	101	183.546	0.227	10.0	2.6638	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	BASIN 4	48.022	BH3	10.0	1.068	0.185	0.2537	
30 minute winter	BASIN 4	Infiltration		0.0				0.0
30 minute winter	SWALE 1	1.025	S6	2.9	0.358	0.034	0.3007	
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute winter	SWALE 3	1.033	BASIN 3	56.1	1.100	0.449	2.2035	
30 minute winter	BH1	Infiltration		0.1				1.3
30 minute winter	BH2	Infiltration		0.0				0.0
30 minute winter	BH3	Infiltration		0.2				2.7

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	34	188.422	0.052	4.6	0.0764	0.0000	OK
60 minute summer	S2	34	187.202	0.163	26.3	0.2823	0.0000	OK
60 minute summer	S3	35	186.291	0.154	34.4	0.2051	0.0000	OK
60 minute summer	S4	87	185.760	0.382	62.7	0.4901	0.0000	SURCHARGED
60 minute summer	S5	87	185.760	0.850	3.2	1.2167	0.0000	SURCHARGED
60 minute summer	S6	90	184.856	0.048	3.1	0.0691	0.0000	OK
60 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	34	184.250	0.125	0.8	0.1783	0.0000	OK
60 minute summer	S10	34	184.250	0.137	53.7	0.2485	0.0000	OK
60 minute summer	S11	35	186.541	0.141	6.0	0.2216	0.0000	SURCHARGED
60 minute summer	S12	34	186.319	0.143	12.7	0.2119	0.0000	OK
60 minute summer	S13	34	186.067	0.074	20.6	0.1113	0.0000	OK
60 minute summer	S14	34	185.322	0.147	28.1	0.2314	0.0000	OK
60 minute summer	S15	34	184.977	0.110	36.2	0.1727	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S1	1.000	J1	4.6	0.681	0.524	0.0490	
60 minute summer	S2	1.012	J12	26.2	0.939	0.879	0.0416	
60 minute summer	S3	1.019	J18	34.4	1.103	0.646	0.1604	
60 minute summer	S4	1.022	BASIN 1	62.8	1.417	0.375	1.1778	
60 minute summer	S5	1.024	SWALE 1	3.1	0.359	0.038	0.1775	
60 minute summer	S6	1.026	BASIN 2	3.1	0.443	0.036	0.0408	
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1921	
60 minute summer	S9	1.031	S10	-0.8	-0.119	-0.009	0.2279	
60 minute summer	S10	1.032	SWALE 3	53.6	1.240	0.162	0.1895	
60 minute summer	S11	32.000	J28	5.6	0.737	0.936	0.0355	
60 minute summer	S12	32.003	J30	12.7	0.748	0.949	0.0860	
60 minute summer	S13	32.007	J33	20.6	1.896	0.210	0.1414	
60 minute summer	S14	32.009	J34	28.0	1.032	0.551	0.1423	
60 minute summer	S15	32.013	J37	36.3	2.032	0.393	0.1666	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	34	184.596	0.109	43.5	0.1658	0.0000	OK
60 minute summer	S17	33	186.260	0.110	6.6	0.1754	0.0000	SURCHARGED
60 minute summer	S18	34	185.975	0.151	14.5	0.2233	0.0000	OK
60 minute summer	S19	34	185.928	0.162	22.4	0.2330	0.0000	OK
60 minute summer	S20	43	184.668	0.026	0.8	0.0292	0.0000	OK
60 minute summer	S21	34	184.494	0.085	6.3	0.1131	0.0000	OK
60 minute summer	S22	35	184.396	0.165	12.7	0.2142	0.0000	OK
60 minute summer	S23	35	184.379	0.181	18.3	0.2334	0.0000	OK
60 minute summer	S24	35	184.227	0.210	33.9	0.2765	0.0000	OK
60 minute summer	S25	35	184.153	0.183	38.9	0.2531	0.0000	OK
60 minute summer	S26	33	185.429	0.052	5.5	0.0765	0.0000	OK
60 minute summer	FC1	40	188.886	0.636	2.2	1.0201	0.0000	SURCHARGED
60 minute summer	FC2	40	188.784	0.634	2.2	1.0005	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S16	32.015	J38	43.6	1.109	0.137	0.0901	
60 minute summer	S17	23.001	J20	6.4	0.826	1.075	0.0524	
60 minute summer	S18	23.006	J24	14.5	0.531	0.453	0.0514	
60 minute summer	S19	23.010	J27	22.3	0.757	0.745	0.2625	
60 minute summer	S20	48.001	J41	0.8	0.516	0.135	0.0072	
60 minute summer	S21	48.004	J43	6.2	0.569	0.465	0.0563	
60 minute summer	S22	48.008	J46	12.6	0.427	0.401	0.0769	
60 minute summer	S23	48.011	J48	18.1	0.555	0.589	0.0379	
60 minute summer	S24	48.018	J56	33.9	0.658	0.634	0.2187	
60 minute summer	S25	48.021	BASIN 4	38.8	0.960	0.728	0.1554	
60 minute summer	S26	65.001	J54	5.5	0.932	0.529	0.0501	
60 minute summer	FC1	2.000	J1	1.3	0.486	0.205	0.0372	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	0.8	0.513	0.133	0.0157	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	42	188.848	0.648	3.0	1.5689	0.0000	SURCHARGED
60 minute summer	FC4	39	188.727	0.527	1.6	0.6595	0.0000	SURCHARGED
60 minute summer	FC5	40	188.633	0.633	2.2	1.0012	0.0000	SURCHARGED
60 minute summer	FC6	39	188.376	0.526	1.6	0.6583	0.0000	SURCHARGED
60 minute summer	FC7	39	188.278	0.527	1.6	0.6599	0.0000	SURCHARGED
60 minute summer	FC8	40	188.384	0.634	2.2	0.9965	0.0000	SURCHARGED
60 minute summer	FC9	39	187.999	0.529	1.6	0.6614	0.0000	SURCHARGED
60 minute summer	FC10	42	188.124	0.654	3.0	1.5674	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.8	0.540	0.128	0.0247	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.7	0.592	0.097	0.0089	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.7	0.658	0.083	0.0144	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.7	0.573	0.101	0.0091	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.8	0.719	0.083	0.0046	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.7	0.505	0.121	0.0103	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	40	187.955	0.635	2.2	1.0004	0.0000	SURCHARGED
60 minute summer	FC12	40	187.866	0.636	2.2	1.0003	0.0000	SURCHARGED
60 minute summer	FC13	40	187.635	0.635	2.2	1.0005	0.0000	SURCHARGED
60 minute summer	FC14	48	187.029	0.129	2.2	1.6424	0.0000	SURCHARGED
60 minute summer	FC15	39	187.724	0.524	1.6	0.6556	0.0000	SURCHARGED
60 minute summer	FC16	39	187.428	0.528	1.6	0.6609	0.0000	SURCHARGED
60 minute summer	FC17	39	187.525	0.525	1.6	0.6567	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0118	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0145	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.8	0.517	0.133	0.0104	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.3	0.407	0.057	0.0063	
60 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.7	1.070	0.042	0.0032	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.7	0.527	0.114	0.0103	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.7	0.836	0.059	0.0042	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	39	187.079	0.529	1.6	0.6615	0.0000	SURCHARGED
60 minute summer	FC19	40	187.035	0.635	2.2	1.0005	0.0000	SURCHARGED
60 minute summer	FC20	40	187.583	0.633	2.2	0.9932	0.0000	SURCHARGED
60 minute summer	FC21	40	186.934	0.634	2.2	1.0007	0.0000	SURCHARGED
60 minute summer	FC22	44	186.566	0.116	1.6	1.1207	0.0000	SURCHARGED
60 minute summer	FC23	39	186.825	0.525	1.6	0.6562	0.0000	SURCHARGED
60 minute summer	FC24	40	186.934	0.634	2.2	0.9937	0.0000	SURCHARGED
60 minute summer	FC25	40	187.183	0.633	2.2	0.9932	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.7	0.502	0.122	0.0100	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.8	0.514	0.134	0.0101	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.8	1.041	0.049	0.0033	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	0.3	0.514	0.021	0.0195	
60 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.7	0.885	0.054	0.0087	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.8	0.938	0.057	0.0090	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.8	1.033	0.050	0.0036	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	44	186.562	0.112	1.6	1.1294	0.0000	SURCHARGED
60 minute summer	FC27	39	187.024	0.524	1.6	0.6550	0.0000	SURCHARGED
60 minute summer	FC28	40	187.133	0.633	2.2	0.9932	0.0000	SURCHARGED
60 minute summer	FC29	40	187.132	0.632	2.2	0.9937	0.0000	SURCHARGED
60 minute summer	FC30	40	187.383	0.633	2.2	0.9938	0.0000	SURCHARGED
60 minute summer	FC31	39	186.979	0.529	1.6	0.6612	0.0000	SURCHARGED
60 minute summer	FC32	39	186.975	0.525	1.6	0.6564	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.3	0.700	0.024	0.0021	
60 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.7	1.245	0.034	0.0043	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.8	1.038	0.050	0.0033	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.8	0.968	0.055	0.0036	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	1.0	0.430	0.108	0.0237	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	0.7	0.332	0.057	0.0180	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	40	187.084	0.634	2.2	0.9936	0.0000	SURCHARGED
60 minute summer	FC34	40	187.085	0.635	2.2	1.0004	0.0000	SURCHARGED
60 minute summer	FC35	40	187.083	0.633	2.2	0.9938	0.0000	SURCHARGED
60 minute summer	FC36	40	187.081	0.631	2.2	0.9939	0.0000	SURCHARGED
60 minute summer	FC37	42	186.458	0.658	3.0	1.5624	0.0000	SURCHARGED
60 minute summer	FC38	48	185.547	0.097	1.6	1.1666	0.0000	OK
60 minute summer	FC39	39	185.975	0.524	1.6	0.6561	0.0000	SURCHARGED
60 minute summer	FC40	40	186.089	0.589	2.2	1.0035	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	0.8	0.950	0.056	0.0173	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.8	0.528	0.128	0.0071	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.8	0.958	0.056	0.0042	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.8	1.005	0.052	0.0040	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute summer	FC38	40.000	J34	0.3	0.656	0.024	0.0034	
60 minute summer	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.7	0.940	0.050	0.0034	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.170	0.040	0.0057	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	40	185.482	0.632	2.2	0.9958	0.0000	SURCHARGED
60 minute summer	FC42	40	185.232	0.632	2.2	0.9976	0.0000	SURCHARGED
60 minute summer	FC43	40	185.223	0.623	2.2	0.9977	0.0000	SURCHARGED
60 minute summer	FC44	33	184.628	0.028	1.6	0.0346	0.0000	OK
60 minute summer	FC45	39	185.125	0.525	1.6	0.6565	0.0000	SURCHARGED
60 minute summer	FC46	42	185.354	0.654	3.0	1.5686	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	40	185.433	0.633	2.2	0.9937	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.8	0.770	0.075	0.0052	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	0.8	0.670	0.092	0.0058	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
60 minute summer	FC43	Infiltration		0.0				0.0
60 minute summer	FC44	46.000	J40	1.6	0.942	0.150	0.0075	
60 minute summer	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.7	0.874	0.055	0.0038	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
60 minute summer	FC46	Infiltration		0.0				0.0
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
60 minute summer	FC48	50.000	J42	0.8	0.647	0.057	0.0086	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	40	185.434	0.634	2.2	1.0010	0.0000	SURCHARGED
60 minute summer	FC50	40	185.434	0.634	2.2	1.0009	0.0000	SURCHARGED
60 minute summer	FC51	40	185.483	0.633	2.2	1.0009	0.0000	SURCHARGED
60 minute summer	FC52	40	185.880	0.630	2.2	0.9963	0.0000	SURCHARGED
60 minute summer	FC53	40	185.884	0.633	2.2	0.9966	0.0000	SURCHARGED
60 minute summer	FC54	39	185.776	0.525	1.6	0.6574	0.0000	SURCHARGED
60 minute summer	FC55	39	185.774	0.524	1.6	0.6560	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.8	0.512	0.133	0.0072	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.8	0.514	0.133	0.0094	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.7	0.760	0.067	0.0038	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.7	0.961	0.048	0.0031	
60 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	39	185.874	0.524	1.6	0.6558	0.0000	SURCHARGED
60 minute summer	FC57	39	185.875	0.524	1.6	0.6561	0.0000	SURCHARGED
60 minute summer	FC58	39	185.875	0.525	1.6	0.6563	0.0000	SURCHARGED
60 minute summer	FC59	39	185.875	0.525	1.6	0.6568	0.0000	SURCHARGED
60 minute summer	FC60	40	185.984	0.634	2.2	0.9947	0.0000	SURCHARGED
60 minute summer	FC61	40	185.934	0.634	2.2	0.9969	0.0000	SURCHARGED
60 minute summer	FC62	42	185.902	0.651	3.0	1.5655	0.0000	SURCHARGED
60 minute summer	FC63	39	185.930	0.530	1.6	0.6627	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.7	0.993	0.047	0.0048	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.7	0.932	0.051	0.0050	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.7	0.895	0.054	0.0050	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.7	0.829	0.060	0.0056	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.8	0.843	0.067	0.0062	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.8	0.676	0.092	0.0087	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.8	0.625	0.105	0.0120	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	0.7	0.465	0.121	0.0072	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	39	185.696	0.546	1.6	0.6828	0.0000	SURCHARGED
60 minute summer	FC65	40	185.784	0.634	2.2	0.9957	0.0000	SURCHARGED
60 minute summer	FC66	40	185.635	0.635	2.2	0.9993	0.0000	SURCHARGED
60 minute summer	FC67	44	184.911	0.111	1.6	1.1415	0.0000	SURCHARGED
60 minute summer	FC68	39	185.077	0.526	1.6	0.6586	0.0000	SURCHARGED
60 minute summer	J1	34	188.364	0.164	9.5	0.2410	0.0000	SURCHARGED
60 minute summer	J2	35	188.172	0.116	10.2	0.1307	0.0000	OK
60 minute summer	J3	35	188.149	0.099	10.9	0.1121	0.0000	OK
60 minute summer	J4	35	188.109	0.070	11.6	0.0796	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	0.8	0.295	0.142	0.0155	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	1.0	0.397	0.108	0.0087	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
60 minute summer	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.7	0.657	0.080	0.0025	
60 minute summer	FC68	Infiltration		0.0				0.0
60 minute summer	J1	1.001	J2	9.4	1.202	1.134	0.0387	
60 minute summer	J2	1.002	J3	10.1	0.752	0.754	0.0140	
60 minute summer	J3	1.003	J4	10.9	1.066	0.822	0.0199	
60 minute summer	J4	1.004	J5	11.6	1.550	0.340	0.0265	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J5	35	187.972	0.062	12.4	0.0700	0.0000	OK
60 minute summer	J6	35	187.740	0.090	13.1	0.1016	0.0000	OK
60 minute summer	J7	35	187.625	0.100	13.7	0.1134	0.0000	OK
60 minute summer	J8	35	187.583	0.062	14.9	0.0704	0.0000	OK
60 minute summer	J9	36	187.378	0.103	15.1	0.1170	0.0000	OK
60 minute summer	J10	36	187.333	0.063	15.9	0.0712	0.0000	OK
60 minute summer	J11	36	187.214	0.093	16.7	0.1049	0.0000	OK
60 minute summer	J12	34	186.923	0.114	27.0	0.1285	0.0000	OK
60 minute summer	J13	35	186.801	0.174	27.2	0.1969	0.0000	OK
60 minute summer	J14	35	186.783	0.161	27.8	0.1821	0.0000	OK
60 minute summer	J15	35	186.758	0.141	28.5	0.1594	0.0000	OK
60 minute summer	J16	35	186.716	0.111	29.2	0.1256	0.0000	OK
60 minute summer	J17	35	186.371	0.088	29.9	0.1000	0.0000	OK
60 minute summer	J18	35	186.244	0.119	35.2	0.1347	0.0000	OK
60 minute summer	J19	35	186.202	0.175	36.0	0.1981	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J5	1.005	J6	12.4	1.387	0.324	0.0507	
60 minute summer	J6	1.006	J7	13.0	1.354	0.459	0.0189	
60 minute summer	J7	1.007	J8	14.1	1.097	0.460	0.0147	
60 minute summer	J8	1.008	J9	14.5	1.092	0.163	0.1131	
60 minute summer	J9	1.009	J10	15.1	1.131	0.451	0.0161	
60 minute summer	J10	1.010	J11	15.9	1.332	0.123	0.0299	
60 minute summer	J11	1.011	S2	16.7	0.749	0.260	0.1236	
60 minute summer	J12	1.013	J13	26.9	1.464	0.402	0.1191	
60 minute summer	J13	1.014	J14	27.2	0.674	0.480	0.0767	
60 minute summer	J14	1.015	J15	27.9	0.785	0.495	0.0680	
60 minute summer	J15	1.016	J16	28.6	1.018	0.536	0.1440	
60 minute summer	J16	1.017	J17	29.2	1.401	0.205	0.0703	
60 minute summer	J17	1.018	S3	29.9	1.128	0.096	0.0508	
60 minute summer	J18	1.020	J19	35.3	1.026	0.123	0.0512	
60 minute summer	J19	1.021	S4	36.1	0.939	0.654	0.1688	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J20	34	186.123	0.092	7.0	0.1036	0.0000	OK
60 minute summer	J21	34	186.101	0.092	7.8	0.1036	0.0000	OK
60 minute summer	J22	35	186.065	0.101	8.5	0.1148	0.0000	OK
60 minute summer	J23	35	186.038	0.096	8.7	0.1082	0.0000	OK
60 minute summer	J24	34	185.966	0.149	15.1	0.1680	0.0000	OK
60 minute summer	J25	34	185.952	0.156	15.8	0.1768	0.0000	OK
60 minute summer	J26	34	185.940	0.161	16.6	0.1820	0.0000	OK
60 minute summer	J27	34	185.888	0.151	23.1	0.1713	0.0000	OK
60 minute summer	J28	35	186.493	0.137	6.0	0.1554	0.0000	SURCHARGED
60 minute summer	J29	35	186.391	0.120	6.5	0.1358	0.0000	SURCHARGED
60 minute summer	J30	34	186.280	0.133	13.4	0.1506	0.0000	OK
60 minute summer	J31	34	186.160	0.116	14.2	0.1312	0.0000	OK
60 minute summer	J32	34	186.116	0.105	14.9	0.1188	0.0000	OK
60 minute summer	J33	34	185.604	0.069	21.4	0.0780	0.0000	OK
60 minute summer	J34	34	185.269	0.144	28.2	0.1630	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J20	23.002	J21	7.0	0.627	0.519	0.0425	
60 minute summer	J21	23.003	J22	7.7	0.648	0.578	0.0957	
60 minute summer	J22	23.004	J23	8.5	0.693	0.626	0.0441	
60 minute summer	J23	23.005	S18	8.8	0.784	0.655	0.0839	
60 minute summer	J24	23.007	J25	15.1	0.530	0.501	0.1769	
60 minute summer	J25	23.008	J26	15.8	0.530	0.523	0.1485	
60 minute summer	J26	23.009	S19	16.7	0.554	0.545	0.1129	
60 minute summer	J27	23.011	S4	23.0	0.896	0.772	0.0614	
60 minute summer	J28	32.001	J29	5.8	0.756	0.982	0.0691	
60 minute summer	J29	32.002	S12	6.6	0.850	1.115	0.0359	
60 minute summer	J30	32.004	J31	13.4	0.885	1.011	0.0747	
60 minute summer	J31	32.005	J32	14.2	0.731	0.471	0.1890	
60 minute summer	J32	32.006	S13	15.0	1.031	0.498	0.0784	
60 minute summer	J33	32.008	S14	21.4	1.149	0.206	0.1714	
60 minute summer	J34	32.010	J35	28.3	1.282	0.733	0.1986	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J35	34	185.176	0.101	28.9	0.1138	0.0000	OK
60 minute summer	J36	34	185.026	0.151	29.7	0.1706	0.0000	OK
60 minute summer	J37	34	184.654	0.154	37.0	0.1746	0.0000	OK
60 minute summer	J38	34	184.519	0.219	44.3	0.2475	0.0000	OK
60 minute summer	J39	34	184.470	0.196	45.1	0.2217	0.0000	OK
60 minute summer	J40	34	184.426	0.161	46.6	0.1821	0.0000	OK
60 minute summer	J41	43	184.622	0.025	0.8	0.0281	0.0000	OK
60 minute summer	J42	42	184.574	0.037	1.6	0.0416	0.0000	OK
60 minute summer	J43	34	184.475	0.095	7.0	0.1075	0.0000	OK
60 minute summer	J44	34	184.459	0.089	7.6	0.1006	0.0000	OK
60 minute summer	J45	35	184.420	0.100	8.2	0.1128	0.0000	OK
60 minute summer	J46	35	184.391	0.169	13.3	0.1912	0.0000	OK
60 minute summer	J47	35	184.385	0.178	13.8	0.2012	0.0000	OK
60 minute summer	J48	35	184.370	0.176	18.9	0.1985	0.0000	OK
60 minute summer	J49	35	184.353	0.184	19.6	0.2084	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J35	32.011	J36	28.9	1.269	0.325	0.1561	
60 minute summer	J36	32.012	S15	29.7	1.250	0.991	0.0563	
60 minute summer	J37	32.014	S16	37.0	1.249	0.671	0.1544	
60 minute summer	J38	32.016	J39	44.4	0.854	0.821	0.5616	
60 minute summer	J39	32.017	J40	45.1	1.032	0.824	0.1595	
60 minute summer	J40	32.018	S10	46.6	1.303	0.468	0.3421	
60 minute summer	J41	48.002	J42	0.8	0.428	0.135	0.0128	
60 minute summer	J42	48.003	S21	1.6	0.625	0.271	0.0208	
60 minute summer	J43	48.005	J44	6.9	0.616	0.497	0.0182	
60 minute summer	J44	48.006	J45	7.6	0.665	0.566	0.1021	
60 minute summer	J45	48.007	S22	8.2	0.728	0.603	0.0280	
60 minute summer	J46	48.009	J47	13.1	0.412	0.427	0.1384	
60 minute summer	J47	48.010	S23	13.8	0.406	0.458	0.0897	
60 minute summer	J48	48.012	J49	18.9	0.563	0.630	0.2535	
60 minute summer	J49	48.013	J50	19.6	0.576	0.639	0.0388	

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J50	35	184.342	0.177	20.4	0.2002	0.0000	OK
60 minute summer	J51	35	184.324	0.176	21.0	0.1994	0.0000	OK
60 minute summer	J52	36	184.309	0.164	21.8	0.1860	0.0000	OK
60 minute summer	J53	36	184.281	0.154	22.4	0.1740	0.0000	OK
60 minute summer	J54	34	185.226	0.097	6.0	0.1096	0.0000	OK
60 minute summer	J55	35	185.174	0.080	7.0	0.0902	0.0000	OK
60 minute summer	J56	35	184.209	0.201	34.2	0.2279	0.0000	OK
60 minute summer	J57	35	184.182	0.196	34.8	0.2222	0.0000	OK
60 minute summer	BASIN 1	87	185.760	0.835	65.5	96.6321	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.762	0.462	3.9	45.6204	0.0000	OK
60 minute summer	BASIN 3	300	182.846	-0.254	61.7	89.8699	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J50	48.014	J51	20.3	0.609	0.681	0.1697	
60 minute summer	J51	48.015	J52	21.0	0.650	0.684	0.0366	
60 minute summer	J52	48.016	J53	21.7	0.723	0.712	0.1463	
60 minute summer	J53	48.017	S24	22.5	0.872	0.746	0.2761	
60 minute summer	J54	65.002	J55	5.9	0.821	1.001	0.0262	
60 minute summer	J55	65.003	S24	6.7	1.044	0.878	0.0503	
60 minute summer	J56	48.019	J57	34.1	0.688	0.629	0.4506	
60 minute summer	J57	48.020	S25	34.7	0.744	0.636	0.2871	
60 minute summer	BASIN 1	1.023	S5	3.2	0.316	0.038	0.9418	
60 minute summer	BASIN 1	Infiltration		0.1				1.8
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 2	71.000	BH1	2.3	0.731	0.386	0.1829	
60 minute summer	BASIN 2	Infiltration		0.0				0.0
60 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	BASIN 4	133	183.602	0.272	45.3	78.4576	0.0000	OK
60 minute summer	SWALE 1	88	184.924	0.050	3.1	0.0721	0.0000	OK
60 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.171	0.176	53.6	0.2523	0.0000	OK
60 minute summer	BH1	300	184.762	0.685	2.3	2.7874	0.0000	OK
60 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute summer	BH3	132	183.602	0.283	7.0	2.9252	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	BASIN 4	48.022	BH3	7.0	0.802	0.130	0.3098	
60 minute summer	BASIN 4	Infiltration		0.0				0.0
60 minute summer	SWALE 1	1.025	S6	3.1	0.369	0.038	0.3212	
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
60 minute summer	SWALE 3	1.033	BASIN 3	53.4	1.085	0.427	2.1278	
60 minute summer	BH1	Infiltration		0.1				1.4
60 minute summer	BH2	Infiltration		0.0				0.0
60 minute summer	BH3	Infiltration		0.2				3.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	34	188.413	0.043	3.3	0.0628	0.0000	OK
60 minute winter	S2	35	187.186	0.147	21.8	0.2536	0.0000	OK
60 minute winter	S3	35	186.277	0.140	29.0	0.1858	0.0000	OK
60 minute winter	S4	86	185.760	0.382	51.9	0.4895	0.0000	SURCHARGED
60 minute winter	S5	87	185.760	0.850	3.2	1.2159	0.0000	SURCHARGED
60 minute winter	S6	89	184.856	0.048	3.1	0.0691	0.0000	OK
60 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.228	0.103	0.4	0.1480	0.0000	OK
60 minute winter	S10	35	184.228	0.115	41.9	0.2100	0.0000	OK
60 minute winter	S11	33	186.472	0.072	4.3	0.1131	0.0000	OK
60 minute winter	S12	34	186.294	0.118	10.4	0.1749	0.0000	OK
60 minute winter	S13	35	186.059	0.066	16.7	0.0990	0.0000	OK
60 minute winter	S14	34	185.301	0.126	22.2	0.1978	0.0000	OK
60 minute winter	S15	34	184.962	0.095	28.5	0.1491	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S1	1.000	J1	3.3	0.651	0.378	0.0417	
60 minute winter	S2	1.012	J12	21.8	0.881	0.731	0.0370	
60 minute winter	S3	1.019	J18	29.0	1.067	0.544	0.1397	
60 minute winter	S4	1.022	BASIN 1	51.9	1.491	0.310	1.1778	
60 minute winter	S5	1.024	SWALE 1	3.1	0.363	0.038	0.1775	
60 minute winter	S6	1.026	BASIN 2	3.1	0.443	0.036	0.0408	
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1483	
60 minute winter	S9	1.031	S10	-0.4	-0.128	-0.004	0.1786	
60 minute winter	S10	1.032	SWALE 3	41.9	1.186	0.127	0.1550	
60 minute winter	S11	32.000	J28	4.3	0.703	0.722	0.0278	
60 minute winter	S12	32.003	J30	10.4	0.708	0.776	0.0745	
60 minute winter	S13	32.007	J33	16.7	1.790	0.170	0.1211	
60 minute winter	S14	32.009	J34	22.2	0.977	0.438	0.1192	
60 minute winter	S15	32.013	J37	28.5	1.922	0.309	0.1386	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	34	184.578	0.091	34.0	0.1392	0.0000	OK
60 minute winter	S17	33	186.223	0.073	4.8	0.1162	0.0000	OK
60 minute winter	S18	35	185.950	0.126	11.4	0.1869	0.0000	OK
60 minute winter	S19	35	185.905	0.139	17.7	0.2002	0.0000	OK
60 minute winter	S20	46	184.668	0.026	0.8	0.0291	0.0000	OK
60 minute winter	S21	34	184.484	0.074	5.1	0.0988	0.0000	OK
60 minute winter	S22	36	184.373	0.142	10.6	0.1843	0.0000	OK
60 minute winter	S23	36	184.357	0.159	15.3	0.2047	0.0000	OK
60 minute winter	S24	36	184.206	0.189	28.7	0.2481	0.0000	OK
60 minute winter	S25	36	184.136	0.166	32.8	0.2301	0.0000	OK
60 minute winter	S26	34	185.421	0.044	4.1	0.0646	0.0000	OK
60 minute winter	FC1	42	188.877	0.627	1.6	0.8945	0.0000	SURCHARGED
60 minute winter	FC2	42	188.776	0.626	1.6	0.8925	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S16	32.015	J38	34.0	1.068	0.107	0.0740	
60 minute winter	S17	23.001	J20	4.7	0.807	0.800	0.0420	
60 minute winter	S18	23.006	J24	11.3	0.508	0.355	0.0416	
60 minute winter	S19	23.010	J27	17.7	0.706	0.591	0.2234	
60 minute winter	S20	48.001	J41	0.8	0.515	0.134	0.0072	
60 minute winter	S21	48.004	J43	5.1	0.543	0.383	0.0483	
60 minute winter	S22	48.008	J46	10.6	0.414	0.336	0.0653	
60 minute winter	S23	48.011	J48	15.2	0.526	0.495	0.0330	
60 minute winter	S24	48.018	J56	28.7	0.631	0.537	0.1933	
60 minute winter	S25	48.021	BASIN 4	32.8	0.910	0.615	0.1386	
60 minute winter	S26	65.001	J54	4.1	0.865	0.395	0.0407	
60 minute winter	FC1	2.000	J1	0.8	0.487	0.137	0.0221	
60 minute winter	FC1	Infiltration		0.0				0.0
60 minute winter	FC2	3.000	J2	0.8	0.512	0.132	0.0121	
60 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC3	45	188.845	0.645	2.2	1.4897	0.0000	SURCHARGED
60 minute winter	FC4	41	188.681	0.481	1.2	0.6022	0.0000	SURCHARGED
60 minute winter	FC5	42	188.626	0.626	1.6	0.8932	0.0000	SURCHARGED
60 minute winter	FC6	41	188.330	0.480	1.2	0.6009	0.0000	SURCHARGED
60 minute winter	FC7	41	188.232	0.482	1.2	0.6026	0.0000	SURCHARGED
60 minute winter	FC8	42	188.376	0.626	1.6	0.8881	0.0000	SURCHARGED
60 minute winter	FC9	41	187.953	0.483	1.2	0.6042	0.0000	SURCHARGED
60 minute winter	FC10	45	188.120	0.650	2.2	1.4880	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC3	4.000	J3	0.8	0.540	0.128	0.0192	
60 minute winter	FC3	Infiltration		0.0				0.0
60 minute winter	FC4	5.000	J4	0.7	0.584	0.092	0.0086	
60 minute winter	FC4	Infiltration		0.0				0.0
60 minute winter	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
60 minute winter	FC5	Infiltration		0.0				0.0
60 minute winter	FC6	7.000	J6	0.7	0.650	0.079	0.0106	
60 minute winter	FC6	Infiltration		0.0				0.0
60 minute winter	FC7	8.000	J7	0.7	0.565	0.097	0.0088	
60 minute winter	FC7	Infiltration		0.0				0.0
60 minute winter	FC8	9.000	J8	0.8	0.718	0.082	0.0046	
60 minute winter	FC8	Infiltration		0.0				0.0
60 minute winter	FC9	10.000	J9	0.7	0.498	0.115	0.0099	
60 minute winter	FC9	Infiltration		0.0				0.0
60 minute winter	FC10	11.000	J10	0.8	0.560	0.121	0.0089	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC11	42	187.947	0.627	1.6	0.8928	0.0000	SURCHARGED
60 minute winter	FC12	42	187.857	0.627	1.6	0.8928	0.0000	SURCHARGED
60 minute winter	FC13	42	187.627	0.627	1.6	0.8928	0.0000	SURCHARGED
60 minute winter	FC14	50	187.027	0.127	1.6	1.6190	0.0000	SURCHARGED
60 minute winter	FC15	41	187.678	0.478	1.2	0.5976	0.0000	SURCHARGED
60 minute winter	FC16	41	187.383	0.482	1.2	0.6036	0.0000	SURCHARGED
60 minute winter	FC17	41	187.479	0.479	1.2	0.5991	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC10	Infiltration		0.0				0.0
60 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118	
60 minute winter	FC11	Infiltration		0.0				0.0
60 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105	
60 minute winter	FC12	Infiltration		0.0				0.0
60 minute winter	FC13	14.000	J12	0.8	0.516	0.132	0.0104	
60 minute winter	FC13	Infiltration		0.0				0.0
60 minute winter	FC14	15.000	J13	0.3	0.406	0.057	0.0063	
60 minute winter	FC14	Infiltration		0.0				0.0
60 minute winter	FC15	16.000	J14	0.7	1.055	0.040	0.0031	
60 minute winter	FC15	Infiltration		0.0				0.0
60 minute winter	FC16	17.000	J15	0.7	0.520	0.108	0.0100	
60 minute winter	FC16	Infiltration		0.0				0.0
60 minute winter	FC17	18.000	J16	0.7	0.824	0.056	0.0040	
60 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC18	41	187.033	0.483	1.2	0.6043	0.0000	SURCHARGED
60 minute winter	FC19	42	187.027	0.627	1.6	0.8929	0.0000	SURCHARGED
60 minute winter	FC20	42	187.576	0.625	1.6	0.8846	0.0000	SURCHARGED
60 minute winter	FC21	42	186.926	0.626	1.6	0.8929	0.0000	SURCHARGED
60 minute winter	FC22	47	186.566	0.116	1.2	1.1208	0.0000	SURCHARGED
60 minute winter	FC23	41	186.778	0.478	1.2	0.5985	0.0000	SURCHARGED
60 minute winter	FC24	42	186.926	0.626	1.6	0.8852	0.0000	SURCHARGED
60 minute winter	FC25	42	187.176	0.626	1.6	0.8847	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC18	19.000	J17	0.7	0.495	0.116	0.0097	
60 minute winter	FC18	Infiltration		0.0				0.0
60 minute winter	FC19	20.000	S3	0.8	0.513	0.133	0.0101	
60 minute winter	FC19	Infiltration		0.0				0.0
60 minute winter	FC20	21.000	J18	0.8	1.039	0.049	0.0033	
60 minute winter	FC20	Infiltration		0.0				0.0
60 minute winter	FC21	22.000	J19	0.8	0.515	0.133	0.0116	
60 minute winter	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.3	0.516	0.021	0.0154	
60 minute winter	FC22	Infiltration		0.0				0.0
60 minute winter	FC23	24.000	J20	0.7	0.874	0.052	0.0054	
60 minute winter	FC23	Infiltration		0.0				0.0
60 minute winter	FC24	25.000	J21	0.8	0.937	0.057	0.0058	
60 minute winter	FC24	Infiltration		0.0				0.0
60 minute winter	FC25	26.000	J22	0.8	1.031	0.050	0.0036	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	47	186.562	0.112	1.2	1.1303	0.0000	SURCHARGED
60 minute winter	FC27	41	186.977	0.477	1.2	0.5970	0.0000	SURCHARGED
60 minute winter	FC28	42	187.125	0.625	1.6	0.8847	0.0000	SURCHARGED
60 minute winter	FC29	42	187.125	0.625	1.6	0.8849	0.0000	SURCHARGED
60 minute winter	FC30	42	187.376	0.625	1.6	0.8852	0.0000	SURCHARGED
60 minute winter	FC31	41	186.930	0.480	1.2	0.6005	0.0000	SURCHARGED
60 minute winter	FC32	41	186.929	0.479	1.2	0.5987	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.3	0.700	0.024	0.0021	
60 minute winter	FC26	Infiltration		0.0				0.0
60 minute winter	FC27	28.000	J24	0.7	1.228	0.032	0.0025	
60 minute winter	FC27	Infiltration		0.0				0.0
60 minute winter	FC28	29.000	J25	0.8	1.037	0.049	0.0033	
60 minute winter	FC28	Infiltration		0.0				0.0
60 minute winter	FC29	30.000	J26	0.8	1.008	0.051	0.0037	
60 minute winter	FC29	Infiltration		0.0				0.0
60 minute winter	FC30	31.000	J27	0.8	0.966	0.054	0.0036	
60 minute winter	FC30	Infiltration		0.0				0.0
60 minute winter	FC31	33.000	J28	0.7	0.440	0.076	0.0152	
60 minute winter	FC31	Infiltration		0.0				0.0
60 minute winter	FC32	34.000	J29	0.7	0.340	0.054	0.0164	
60 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC33	42	187.076	0.626	1.6	0.8849	0.0000	SURCHARGED
60 minute winter	FC34	42	187.077	0.626	1.6	0.8925	0.0000	SURCHARGED
60 minute winter	FC35	42	187.076	0.625	1.6	0.8852	0.0000	SURCHARGED
60 minute winter	FC36	42	187.075	0.624	1.6	0.8850	0.0000	SURCHARGED
60 minute winter	FC37	45	186.454	0.654	2.2	1.4824	0.0000	SURCHARGED
60 minute winter	FC38	49	185.548	0.098	1.2	1.1709	0.0000	OK
60 minute winter	FC39	41	185.928	0.478	1.2	0.5983	0.0000	SURCHARGED
60 minute winter	FC40	42	186.081	0.581	1.6	0.8946	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC33	35.000	S12	0.8	0.946	0.056	0.0133	
60 minute winter	FC33	Infiltration		0.0				0.0
60 minute winter	FC34	36.000	J30	0.8	0.527	0.127	0.0071	
60 minute winter	FC34	Infiltration		0.0				0.0
60 minute winter	FC35	37.000	J31	0.8	0.957	0.055	0.0042	
60 minute winter	FC35	Infiltration		0.0				0.0
60 minute winter	FC36	38.000	J32	0.8	1.004	0.052	0.0039	
60 minute winter	FC36	Infiltration		0.0				0.0
60 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0077	
60 minute winter	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.3	0.657	0.024	0.0021	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute winter	FC39	41.000	J35	0.7	0.927	0.048	0.0033	
60 minute winter	FC39	Infiltration		0.0				0.0
60 minute winter	FC40	42.000	J36	0.8	1.168	0.040	0.0033	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC41	42	185.475	0.625	1.6	0.8874	0.0000	SURCHARGED
60 minute winter	FC42	42	185.225	0.625	1.6	0.8890	0.0000	SURCHARGED
60 minute winter	FC43	42	185.221	0.621	1.6	0.8881	0.0000	SURCHARGED
60 minute winter	FC44	34	184.624	0.024	1.2	0.0297	0.0000	OK
60 minute winter	FC45	41	185.079	0.479	1.2	0.5988	0.0000	SURCHARGED
60 minute winter	FC46	45	185.350	0.650	2.2	1.4892	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	42	185.426	0.626	1.6	0.8851	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC40	Infiltration		0.0				0.0
60 minute winter	FC41	43.000	J37	0.8	0.769	0.075	0.0052	
60 minute winter	FC41	Infiltration		0.0				0.0
60 minute winter	FC42	44.000	J38	0.8	0.669	0.091	0.0058	
60 minute winter	FC42	Infiltration		0.0				0.0
60 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
60 minute winter	FC43	Infiltration		0.0				0.0
60 minute winter	FC44	46.000	J40	1.2	0.872	0.113	0.0060	
60 minute winter	FC44	Infiltration		0.0				0.0
60 minute winter	FC45	47.000	S10	0.7	0.863	0.053	0.0037	
60 minute winter	FC45	Infiltration		0.0				0.0
60 minute winter	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
60 minute winter	FC46	Infiltration		0.0				0.0
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
60 minute winter	FC48	50.000	J42	0.8	0.658	0.056	0.0086	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC49	42	185.426	0.626	1.6	0.8931	0.0000	SURCHARGED
60 minute winter	FC50	42	185.426	0.626	1.6	0.8931	0.0000	SURCHARGED
60 minute winter	FC51	42	185.476	0.626	1.6	0.8930	0.0000	SURCHARGED
60 minute winter	FC52	42	185.874	0.624	1.6	0.8878	0.0000	SURCHARGED
60 minute winter	FC53	42	185.876	0.626	1.6	0.8884	0.0000	SURCHARGED
60 minute winter	FC54	41	185.730	0.479	1.2	0.5998	0.0000	SURCHARGED
60 minute winter	FC55	41	185.728	0.478	1.2	0.5982	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC48	Infiltration		0.0				0.0
60 minute winter	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
60 minute winter	FC49	Infiltration		0.0				0.0
60 minute winter	FC50	52.000	J43	0.8	0.511	0.132	0.0072	
60 minute winter	FC50	Infiltration		0.0				0.0
60 minute winter	FC51	55.000	S22	0.8	0.514	0.132	0.0094	
60 minute winter	FC51	Infiltration		0.0				0.0
60 minute winter	FC52	58.000	S23	0.8	0.748	0.078	0.0057	
60 minute winter	FC52	Infiltration		0.0				0.0
60 minute winter	FC53	61.000	J50	0.8	0.703	0.085	0.0048	
60 minute winter	FC53	Infiltration		0.0				0.0
60 minute winter	FC54	62.000	J51	0.7	0.750	0.064	0.0036	
60 minute winter	FC54	Infiltration		0.0				0.0
60 minute winter	FC55	64.000	J53	0.7	0.948	0.046	0.0030	
60 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC56	41	185.828	0.478	1.2	0.5980	0.0000	SURCHARGED
60 minute winter	FC57	41	185.828	0.478	1.2	0.5983	0.0000	SURCHARGED
60 minute winter	FC58	41	185.829	0.478	1.2	0.5986	0.0000	SURCHARGED
60 minute winter	FC59	41	185.829	0.479	1.2	0.5991	0.0000	SURCHARGED
60 minute winter	FC60	42	185.976	0.626	1.6	0.8863	0.0000	SURCHARGED
60 minute winter	FC61	42	185.926	0.626	1.6	0.8888	0.0000	SURCHARGED
60 minute winter	FC62	45	185.898	0.648	2.2	1.4862	0.0000	SURCHARGED
60 minute winter	FC63	41	185.883	0.483	1.2	0.6039	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC56	53.000	J44	0.7	0.979	0.044	0.0046	
60 minute winter	FC56	Infiltration		0.0				0.0
60 minute winter	FC57	54.000	J45	0.7	0.919	0.049	0.0048	
60 minute winter	FC57	Infiltration		0.0				0.0
60 minute winter	FC58	56.000	J46	0.7	0.883	0.051	0.0048	
60 minute winter	FC58	Infiltration		0.0				0.0
60 minute winter	FC59	57.000	J47	0.7	0.818	0.057	0.0054	
60 minute winter	FC59	Infiltration		0.0				0.0
60 minute winter	FC60	59.000	J48	0.8	0.842	0.067	0.0062	
60 minute winter	FC60	Infiltration		0.0				0.0
60 minute winter	FC61	60.000	J49	0.8	0.675	0.091	0.0086	
60 minute winter	FC61	Infiltration		0.0				0.0
60 minute winter	FC62	63.000	J52	0.8	0.625	0.104	0.0120	
60 minute winter	FC62	Infiltration		0.0				0.0
60 minute winter	FC63	65.000	S26	0.7	0.472	0.115	0.0055	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC64	41	185.648	0.498	1.2	0.6228	0.0000	SURCHARGED
60 minute winter	FC65	42	185.776	0.626	1.6	0.8874	0.0000	SURCHARGED
60 minute winter	FC66	42	185.626	0.626	1.6	0.8914	0.0000	SURCHARGED
60 minute winter	FC67	47	184.911	0.111	1.2	1.1443	0.0000	SURCHARGED
60 minute winter	FC68	41	185.031	0.481	1.2	0.6013	0.0000	SURCHARGED
60 minute winter	J1	34	188.284	0.084	7.3	0.1230	0.0000	OK
60 minute winter	J2	35	188.156	0.100	8.0	0.1132	0.0000	OK
60 minute winter	J3	35	188.137	0.087	8.8	0.0986	0.0000	OK
60 minute winter	J4	35	188.101	0.062	9.4	0.0700	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC63	Infiltration		0.0				0.0
60 minute winter	FC64	66.000	J54	0.7	0.300	0.124	0.0116	
60 minute winter	FC64	Infiltration		0.0				0.0
60 minute winter	FC65	67.000	J55	0.8	0.396	0.081	0.0072	
60 minute winter	FC65	Infiltration		0.0				0.0
60 minute winter	FC66	68.000	S24	0.8	0.573	0.109	0.0029	
60 minute winter	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute winter	FC68	70.000	J57	0.7	0.648	0.076	0.0024	
60 minute winter	FC68	Infiltration		0.0				0.0
60 minute winter	J1	1.001	J2	7.3	1.111	0.880	0.0329	
60 minute winter	J2	1.002	J3	8.0	0.693	0.595	0.0120	
60 minute winter	J3	1.003	J4	8.8	1.007	0.662	0.0170	
60 minute winter	J4	1.004	J5	9.4	1.487	0.276	0.0224	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J5	35	187.965	0.055	10.2	0.0620	0.0000	OK
60 minute winter	J6	35	187.729	0.079	10.8	0.0897	0.0000	OK
60 minute winter	J7	36	187.616	0.091	11.4	0.1026	0.0000	OK
60 minute winter	J8	36	187.577	0.056	12.2	0.0637	0.0000	OK
60 minute winter	J9	36	187.369	0.094	12.8	0.1068	0.0000	OK
60 minute winter	J10	36	187.327	0.057	13.6	0.0644	0.0000	OK
60 minute winter	J11	36	187.203	0.082	14.4	0.0930	0.0000	OK
60 minute winter	J12	35	186.911	0.102	22.6	0.1151	0.0000	OK
60 minute winter	J13	35	186.785	0.158	22.8	0.1783	0.0000	OK
60 minute winter	J14	36	186.768	0.146	23.4	0.1654	0.0000	OK
60 minute winter	J15	36	186.746	0.129	24.1	0.1454	0.0000	OK
60 minute winter	J16	36	186.706	0.101	24.7	0.1140	0.0000	OK
60 minute winter	J17	36	186.361	0.078	25.4	0.0881	0.0000	OK
60 minute winter	J18	36	186.231	0.106	29.7	0.1202	0.0000	OK
60 minute winter	J19	36	186.187	0.159	30.5	0.1804	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J5	1.005	J6	10.2	1.333	0.265	0.0434	
60 minute winter	J6	1.006	J7	10.8	1.297	0.379	0.0163	
60 minute winter	J7	1.007	J8	11.4	1.014	0.371	0.0128	
60 minute winter	J8	1.008	J9	12.2	1.046	0.137	0.0996	
60 minute winter	J9	1.009	J10	12.8	1.092	0.383	0.0142	
60 minute winter	J10	1.010	J11	13.6	1.316	0.105	0.0257	
60 minute winter	J11	1.011	S2	14.4	0.720	0.223	0.1083	
60 minute winter	J12	1.013	J13	22.6	1.405	0.337	0.1039	
60 minute winter	J13	1.014	J14	22.8	0.638	0.403	0.0679	
60 minute winter	J14	1.015	J15	23.4	0.746	0.416	0.0603	
60 minute winter	J15	1.016	J16	24.1	0.973	0.452	0.1271	
60 minute winter	J16	1.017	J17	24.7	1.345	0.174	0.0619	
60 minute winter	J17	1.018	S3	25.4	1.104	0.082	0.0440	
60 minute winter	J18	1.020	J19	29.7	0.989	0.104	0.0449	
60 minute winter	J19	1.021	S4	30.5	0.892	0.553	0.1505	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J20	34	186.107	0.076	5.3	0.0862	0.0000	OK
60 minute winter	J21	34	186.086	0.077	6.0	0.0872	0.0000	OK
60 minute winter	J22	35	186.050	0.087	6.8	0.0985	0.0000	OK
60 minute winter	J23	35	186.025	0.083	7.0	0.0939	0.0000	OK
60 minute winter	J24	35	185.941	0.124	12.0	0.1405	0.0000	OK
60 minute winter	J25	35	185.928	0.132	12.7	0.1497	0.0000	OK
60 minute winter	J26	35	185.917	0.138	13.4	0.1556	0.0000	OK
60 minute winter	J27	35	185.869	0.133	18.5	0.1506	0.0000	OK
60 minute winter	J28	33	186.430	0.074	4.9	0.0840	0.0000	OK
60 minute winter	J29	34	186.357	0.086	5.5	0.0969	0.0000	OK
60 minute winter	J30	34	186.262	0.115	11.1	0.1295	0.0000	OK
60 minute winter	J31	35	186.148	0.104	11.8	0.1181	0.0000	OK
60 minute winter	J32	35	186.107	0.096	12.6	0.1081	0.0000	OK
60 minute winter	J33	35	185.597	0.062	17.5	0.0703	0.0000	OK
60 minute winter	J34	34	185.250	0.125	22.5	0.1419	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J20	23.002	J21	5.3	0.590	0.394	0.0342	
60 minute winter	J21	23.003	J22	6.0	0.614	0.450	0.0789	
60 minute winter	J22	23.004	J23	6.8	0.657	0.500	0.0370	
60 minute winter	J23	23.005	S18	7.0	0.737	0.525	0.0715	
60 minute winter	J24	23.007	J25	12.0	0.514	0.397	0.1444	
60 minute winter	J25	23.008	J26	12.7	0.511	0.420	0.1234	
60 minute winter	J26	23.009	S19	13.4	0.531	0.440	0.0948	
60 minute winter	J27	23.011	S4	18.4	0.833	0.618	0.0529	
60 minute winter	J28	32.001	J29	4.9	0.732	0.821	0.0590	
60 minute winter	J29	32.002	S12	5.4	0.808	0.918	0.0313	
60 minute winter	J30	32.004	J31	11.1	0.832	0.835	0.0661	
60 minute winter	J31	32.005	J32	11.8	0.694	0.393	0.1659	
60 minute winter	J32	32.006	S13	12.6	0.985	0.417	0.0683	
60 minute winter	J33	32.008	S14	17.5	1.120	0.168	0.1437	
60 minute winter	J34	32.010	J35	22.4	1.225	0.582	0.1656	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J35	34	185.161	0.086	23.1	0.0974	0.0000	OK
60 minute winter	J36	34	185.007	0.132	23.8	0.1490	0.0000	OK
60 minute winter	J37	34	184.635	0.135	29.2	0.1525	0.0000	OK
60 minute winter	J38	34	184.486	0.186	34.7	0.2108	0.0000	OK
60 minute winter	J39	35	184.442	0.168	35.4	0.1904	0.0000	OK
60 minute winter	J40	35	184.404	0.139	36.6	0.1572	0.0000	OK
60 minute winter	J41	46	184.622	0.025	0.8	0.0280	0.0000	OK
60 minute winter	J42	44	184.574	0.037	1.6	0.0415	0.0000	OK
60 minute winter	J43	35	184.465	0.085	5.8	0.0957	0.0000	OK
60 minute winter	J44	35	184.450	0.080	6.4	0.0901	0.0000	OK
60 minute winter	J45	36	184.407	0.087	7.1	0.0981	0.0000	OK
60 minute winter	J46	36	184.368	0.146	11.2	0.1653	0.0000	OK
60 minute winter	J47	36	184.362	0.155	11.8	0.1756	0.0000	OK
60 minute winter	J48	36	184.348	0.154	16.0	0.1739	0.0000	OK
60 minute winter	J49	36	184.333	0.164	16.7	0.1858	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J35	32.011	J36	23.0	1.210	0.259	0.1309	
60 minute winter	J36	32.012	S15	23.8	1.191	0.793	0.0474	
60 minute winter	J37	32.014	S16	29.2	1.209	0.530	0.1264	
60 minute winter	J38	32.016	J39	34.7	0.800	0.642	0.4687	
60 minute winter	J39	32.017	J40	35.4	0.975	0.647	0.1327	
60 minute winter	J40	32.018	S10	36.6	1.230	0.367	0.2848	
60 minute winter	J41	48.002	J42	0.8	0.428	0.135	0.0128	
60 minute winter	J42	48.003	S21	1.6	0.625	0.269	0.0208	
60 minute winter	J43	48.005	J44	5.8	0.591	0.416	0.0158	
60 minute winter	J44	48.006	J45	6.4	0.642	0.482	0.0879	
60 minute winter	J45	48.007	S22	7.1	0.722	0.520	0.0233	
60 minute winter	J46	48.009	J47	11.2	0.399	0.362	0.1191	
60 minute winter	J47	48.010	S23	11.8	0.398	0.390	0.0781	
60 minute winter	J48	48.012	J49	15.9	0.537	0.533	0.2233	
60 minute winter	J49	48.013	J50	16.7	0.551	0.544	0.0345	

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J50	36	184.323	0.158	17.4	0.1784	0.0000	OK
60 minute winter	J51	37	184.306	0.158	18.1	0.1791	0.0000	OK
60 minute winter	J52	37	184.291	0.147	18.9	0.1666	0.0000	OK
60 minute winter	J53	37	184.264	0.137	19.5	0.1548	0.0000	OK
60 minute winter	J54	34	185.204	0.075	4.7	0.0844	0.0000	OK
60 minute winter	J55	35	185.161	0.067	5.4	0.0757	0.0000	OK
60 minute winter	J56	36	184.188	0.181	29.0	0.2047	0.0000	OK
60 minute winter	J57	36	184.163	0.178	29.6	0.2011	0.0000	OK
60 minute winter	BASIN 1	87	185.760	0.835	53.9	96.5532	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.762	0.461	3.4	45.5744	0.0000	OK
60 minute winter	BASIN 3	300	182.846	-0.254	48.3	89.7770	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J50	48.014	J51	17.4	0.586	0.583	0.1511	
60 minute winter	J51	48.015	J52	18.1	0.630	0.589	0.0326	
60 minute winter	J52	48.016	J53	18.8	0.714	0.618	0.1287	
60 minute winter	J53	48.017	S24	19.5	0.851	0.647	0.2350	
60 minute winter	J54	65.002	J55	4.6	0.788	0.786	0.0215	
60 minute winter	J55	65.003	S24	5.4	1.008	0.707	0.0419	
60 minute winter	J56	48.019	J57	29.0	0.659	0.534	0.3994	
60 minute winter	J57	48.020	S25	29.6	0.710	0.542	0.2556	
60 minute winter	BASIN 1	1.023	S5	3.2	0.314	0.038	0.9418	
60 minute winter	BASIN 1	Infiltration		0.1				1.8
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 2	71.000	BH1	2.3	0.714	0.385	0.1829	
60 minute winter	BASIN 2	Infiltration		0.0				0.0
60 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	BASIN 4	133	183.601	0.271	38.4	78.3863	0.0000	OK
60 minute winter	SWALE 1	88	184.924	0.050	3.1	0.0720	0.0000	OK
60 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	35	184.148	0.153	41.9	0.2194	0.0000	OK
60 minute winter	BH1	300	184.761	0.684	2.3	2.7862	0.0000	OK
60 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute winter	BH3	131	183.602	0.282	6.6	2.9241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	BASIN 4	48.022	BH3	6.6	0.826	0.122	0.3097	
60 minute winter	BASIN 4	Infiltration		0.0				0.0
60 minute winter	SWALE 1	1.025	S6	3.1	0.369	0.038	0.3212	
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
60 minute winter	SWALE 3	1.033	BASIN 3	41.8	1.017	0.335	1.7788	
60 minute winter	BH1	Infiltration		0.1				1.4
60 minute winter	BH2	Infiltration		0.0				0.0
60 minute winter	BH3	Infiltration		0.2				3.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.411	0.040	3.0	0.0595	0.0000	OK
120 minute summer	S2	66	187.179	0.140	20.1	0.2420	0.0000	OK
120 minute summer	S3	66	186.271	0.134	26.9	0.1779	0.0000	OK
120 minute summer	S4	128	185.881	0.503	47.9	0.6444	0.0000	SURCHARGED
120 minute summer	S5	130	185.881	0.971	3.4	1.3888	0.0000	SURCHARGED
120 minute summer	S6	132	184.858	0.050	3.4	0.0714	0.0000	OK
120 minute summer	S7	360	184.782	0.023	2.2	0.0323	0.0000	OK
120 minute summer	S8	360	184.354	0.024	2.1	0.0343	0.0000	OK
120 minute summer	S9	66	184.221	0.096	2.1	0.1380	0.0000	OK
120 minute summer	S10	66	184.221	0.108	38.1	0.1973	0.0000	OK
120 minute summer	S11	64	186.467	0.067	3.9	0.1048	0.0000	OK
120 minute summer	S12	64	186.286	0.110	9.6	0.1633	0.0000	OK
120 minute summer	S13	64	186.056	0.063	15.3	0.0945	0.0000	OK
120 minute summer	S14	64	185.294	0.119	20.5	0.1871	0.0000	OK
120 minute summer	S15	64	184.957	0.090	26.1	0.1414	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S1	1.000	J1	3.0	0.638	0.344	0.0387	
120 minute summer	S2	1.012	J12	20.1	0.857	0.673	0.0350	
120 minute summer	S3	1.019	J18	26.9	1.051	0.504	0.1314	
120 minute summer	S4	1.022	BASIN 1	47.9	1.185	0.286	1.1778	
120 minute summer	S5	1.024	SWALE 1	3.4	0.366	0.040	0.1866	
120 minute summer	S6	1.026	BASIN 2	3.4	0.452	0.039	0.0428	
120 minute summer	S7	1.028	SWALE 2	2.2	0.468	0.007	0.0794	
120 minute summer	S8	1.030	S9	2.1	0.494	0.008	0.1344	
120 minute summer	S9	1.031	S10	2.1	0.522	0.025	0.1628	
120 minute summer	S10	1.032	SWALE 3	38.1	1.169	0.116	0.1437	
120 minute summer	S11	32.000	J28	3.9	0.693	0.656	0.0257	
120 minute summer	S12	32.003	J30	9.5	0.694	0.713	0.0698	
120 minute summer	S13	32.007	J33	15.3	1.748	0.156	0.1138	
120 minute summer	S14	32.009	J34	20.4	0.957	0.402	0.1117	
120 minute summer	S15	32.013	J37	26.1	1.881	0.282	0.1294	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.572	0.085	31.1	0.1291	0.0000	OK
120 minute summer	S17	64	186.219	0.068	4.4	0.1090	0.0000	OK
120 minute summer	S18	64	185.943	0.119	10.5	0.1756	0.0000	OK
120 minute summer	S19	66	185.897	0.131	16.3	0.1892	0.0000	OK
120 minute summer	S20	76	184.668	0.026	0.8	0.0290	0.0000	OK
120 minute summer	S21	64	184.479	0.070	4.7	0.0932	0.0000	OK
120 minute summer	S22	66	184.363	0.132	9.7	0.1716	0.0000	OK
120 minute summer	S23	66	184.347	0.149	14.0	0.1921	0.0000	OK
120 minute summer	S24	66	184.196	0.179	26.4	0.2351	0.0000	OK
120 minute summer	S25	66	184.129	0.159	30.1	0.2196	0.0000	OK
120 minute summer	S26	64	185.419	0.042	3.8	0.0616	0.0000	OK
120 minute summer	FC1	72	188.869	0.619	1.4	0.8006	0.0000	SURCHARGED
120 minute summer	FC2	72	188.769	0.619	1.4	0.8007	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S16	32.015	J38	31.0	1.058	0.098	0.0684	
120 minute summer	S17	23.001	J20	4.4	0.795	0.736	0.0393	
120 minute summer	S18	23.006	J24	10.5	0.504	0.328	0.0384	
120 minute summer	S19	23.010	J27	16.2	0.690	0.541	0.2106	
120 minute summer	S20	48.001	J41	0.8	0.514	0.133	0.0071	
120 minute summer	S21	48.004	J43	4.7	0.532	0.351	0.0450	
120 minute summer	S22	48.008	J46	9.7	0.409	0.308	0.0601	
120 minute summer	S23	48.011	J48	13.9	0.516	0.452	0.0307	
120 minute summer	S24	48.018	J56	26.4	0.618	0.494	0.1813	
120 minute summer	S25	48.021	BASIN 4	30.1	0.886	0.565	0.1308	
120 minute summer	S26	65.001	J54	3.8	0.847	0.362	0.0381	
120 minute summer	FC1	2.000	J1	0.8	0.375	0.126	0.0193	
120 minute summer	FC1	Infiltration		0.0				0.0
120 minute summer	FC2	3.000	J2	0.8	0.510	0.131	0.0108	
120 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC3	76	188.838	0.638	1.9	1.3176	0.0000	SURCHARGED
120 minute summer	FC4	72	188.620	0.420	1.1	0.5249	0.0000	SURCHARGED
120 minute summer	FC5	72	188.620	0.619	1.4	0.8013	0.0000	SURCHARGED
120 minute summer	FC6	72	188.269	0.418	1.1	0.5235	0.0000	SURCHARGED
120 minute summer	FC7	72	188.170	0.420	1.1	0.5253	0.0000	SURCHARGED
120 minute summer	FC8	72	188.367	0.617	1.4	0.7965	0.0000	SURCHARGED
120 minute summer	FC9	72	187.891	0.421	1.1	0.5270	0.0000	SURCHARGED
120 minute summer	FC10	76	188.112	0.642	1.9	1.3160	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC3	4.000	J3	0.8	0.539	0.127	0.0173	
120 minute summer	FC3	Infiltration		0.0				0.0
120 minute summer	FC4	5.000	J4	0.6	0.573	0.086	0.0082	
120 minute summer	FC4	Infiltration		0.0				0.0
120 minute summer	FC5	6.000	J5	0.8	0.509	0.131	0.0063	
120 minute summer	FC5	Infiltration		0.0				0.0
120 minute summer	FC6	7.000	J6	0.6	0.638	0.074	0.0091	
120 minute summer	FC6	Infiltration		0.0				0.0
120 minute summer	FC7	8.000	J7	0.6	0.554	0.090	0.0084	
120 minute summer	FC7	Infiltration		0.0				0.0
120 minute summer	FC8	9.000	J8	0.8	0.716	0.082	0.0046	
120 minute summer	FC8	Infiltration		0.0				0.0
120 minute summer	FC9	10.000	J9	0.6	0.488	0.107	0.0094	
120 minute summer	FC9	Infiltration		0.0				0.0
120 minute summer	FC10	11.000	J10	0.8	0.559	0.120	0.0089	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC11	72	187.940	0.619	1.4	0.8010	0.0000	SURCHARGED
120 minute summer	FC12	72	187.850	0.619	1.4	0.8010	0.0000	SURCHARGED
120 minute summer	FC13	72	187.620	0.619	1.4	0.8010	0.0000	SURCHARGED
120 minute summer	FC14	84	187.031	0.131	1.4	1.6743	0.0000	SURCHARGED
120 minute summer	FC15	72	187.616	0.416	1.1	0.5200	0.0000	SURCHARGED
120 minute summer	FC16	72	187.321	0.421	1.1	0.5264	0.0000	SURCHARGED
120 minute summer	FC17	72	187.417	0.417	1.1	0.5215	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC10	Infiltration		0.0				0.0
120 minute summer	FC11	12.000	J11	0.8	0.514	0.132	0.0117	
120 minute summer	FC11	Infiltration		0.0				0.0
120 minute summer	FC12	13.000	S2	0.8	0.514	0.132	0.0104	
120 minute summer	FC12	Infiltration		0.0				0.0
120 minute summer	FC13	14.000	J12	0.8	0.515	0.131	0.0103	
120 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0063	
120 minute summer	FC14	Infiltration		0.0				0.0
120 minute summer	FC15	16.000	J14	0.6	1.034	0.037	0.0029	
120 minute summer	FC15	Infiltration		0.0				0.0
120 minute summer	FC16	17.000	J15	0.6	0.510	0.101	0.0095	
120 minute summer	FC16	Infiltration		0.0				0.0
120 minute summer	FC17	18.000	J16	0.6	0.808	0.052	0.0038	
120 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC18	72	186.971	0.421	1.1	0.5271	0.0000	SURCHARGED
120 minute summer	FC19	72	187.020	0.619	1.4	0.8011	0.0000	SURCHARGED
120 minute summer	FC20	72	187.565	0.614	1.4	0.7933	0.0000	SURCHARGED
120 minute summer	FC21	72	186.919	0.619	1.4	0.8010	0.0000	SURCHARGED
120 minute summer	FC22	80	186.565	0.115	1.1	1.1088	0.0000	SURCHARGED
120 minute summer	FC23	72	186.716	0.416	1.1	0.5210	0.0000	SURCHARGED
120 minute summer	FC24	72	186.915	0.615	1.4	0.7939	0.0000	SURCHARGED
120 minute summer	FC25	72	187.165	0.615	1.4	0.7933	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC18	19.000	J17	0.6	0.486	0.108	0.0092	
120 minute summer	FC18	Infiltration		0.0				0.0
120 minute summer	FC19	20.000	S3	0.8	0.512	0.132	0.0100	
120 minute summer	FC19	Infiltration		0.0				0.0
120 minute summer	FC20	21.000	J18	0.8	1.036	0.049	0.0033	
120 minute summer	FC20	Infiltration		0.0				0.0
120 minute summer	FC21	22.000	J19	0.8	0.514	0.132	0.0116	
120 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.3	0.482	0.021	0.0145	
120 minute summer	FC22	Infiltration		0.0				0.0
120 minute summer	FC23	24.000	J20	0.6	0.857	0.048	0.0045	
120 minute summer	FC23	Infiltration		0.0				0.0
120 minute summer	FC24	25.000	J21	0.8	0.934	0.056	0.0049	
120 minute summer	FC24	Infiltration		0.0				0.0
120 minute summer	FC25	26.000	J22	0.8	1.029	0.049	0.0036	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	80	186.561	0.111	1.1	1.1218	0.0000	SURCHARGED
120 minute summer	FC27	72	186.915	0.415	1.1	0.5193	0.0000	SURCHARGED
120 minute summer	FC28	72	187.115	0.614	1.4	0.7933	0.0000	SURCHARGED
120 minute summer	FC29	72	187.115	0.615	1.4	0.7935	0.0000	SURCHARGED
120 minute summer	FC30	72	187.365	0.615	1.4	0.7938	0.0000	SURCHARGED
120 minute summer	FC31	72	186.868	0.418	1.1	0.5231	0.0000	SURCHARGED
120 minute summer	FC32	72	186.867	0.417	1.1	0.5211	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.3	0.699	0.024	0.0021	
120 minute summer	FC26	Infiltration		0.0				0.0
120 minute summer	FC27	28.000	J24	0.6	1.202	0.030	0.0024	
120 minute summer	FC27	Infiltration		0.0				0.0
120 minute summer	FC28	29.000	J25	0.8	1.034	0.049	0.0033	
120 minute summer	FC28	Infiltration		0.0				0.0
120 minute summer	FC29	30.000	J26	0.8	1.006	0.051	0.0037	
120 minute summer	FC29	Infiltration		0.0				0.0
120 minute summer	FC30	31.000	J27	0.8	0.964	0.054	0.0036	
120 minute summer	FC30	Infiltration		0.0				0.0
120 minute summer	FC31	33.000	J28	0.6	0.348	0.071	0.0142	
120 minute summer	FC31	Infiltration		0.0				0.0
120 minute summer	FC32	34.000	J29	0.6	0.295	0.051	0.0151	
120 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC33	72	187.065	0.615	1.4	0.7936	0.0000	SURCHARGED
120 minute summer	FC34	72	187.069	0.619	1.4	0.8007	0.0000	SURCHARGED
120 minute summer	FC35	72	187.065	0.615	1.4	0.7938	0.0000	SURCHARGED
120 minute summer	FC36	72	187.065	0.615	1.4	0.7935	0.0000	SURCHARGED
120 minute summer	FC37	76	186.445	0.645	1.9	1.3107	0.0000	SURCHARGED
120 minute summer	FC38	82	185.548	0.098	1.1	1.1774	0.0000	OK
120 minute summer	FC39	72	185.866	0.416	1.1	0.5207	0.0000	SURCHARGED
120 minute summer	FC40	72	186.074	0.574	1.4	0.7970	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC33	35.000	S12	0.8	0.931	0.055	0.0117	
120 minute summer	FC33	Infiltration		0.0				0.0
120 minute summer	FC34	36.000	J30	0.8	0.527	0.126	0.0071	
120 minute summer	FC34	Infiltration		0.0				0.0
120 minute summer	FC35	37.000	J31	0.8	0.954	0.055	0.0042	
120 minute summer	FC35	Infiltration		0.0				0.0
120 minute summer	FC36	38.000	J32	0.8	1.001	0.051	0.0039	
120 minute summer	FC36	Infiltration		0.0				0.0
120 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076	
120 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.3	0.657	0.024	0.0021	
120 minute summer	FC38	Infiltration		0.0				0.0
120 minute summer	FC39	41.000	J35	0.6	0.908	0.044	0.0031	
120 minute summer	FC39	Infiltration		0.0				0.0
120 minute summer	FC40	42.000	J36	0.8	1.166	0.039	0.0033	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC41	72	185.466	0.616	1.4	0.7958	0.0000	SURCHARGED
120 minute summer	FC42	72	185.218	0.618	1.4	0.7973	0.0000	SURCHARGED
120 minute summer	FC43	72	185.217	0.617	1.4	0.7959	0.0000	SURCHARGED
120 minute summer	FC44	64	184.623	0.023	1.1	0.0284	0.0000	OK
120 minute summer	FC45	72	185.017	0.417	1.1	0.5212	0.0000	SURCHARGED
120 minute summer	FC46	76	185.342	0.642	1.9	1.3179	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	72	185.415	0.615	1.4	0.7937	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC40	Infiltration		0.0				0.0
120 minute summer	FC41	43.000	J37	0.8	0.767	0.074	0.0051	
120 minute summer	FC41	Infiltration		0.0				0.0
120 minute summer	FC42	44.000	J38	0.8	0.668	0.090	0.0058	
120 minute summer	FC42	Infiltration		0.0				0.0
120 minute summer	FC43	45.000	J39	0.8	0.758	0.075	0.0045	
120 minute summer	FC43	Infiltration		0.0				0.0
120 minute summer	FC44	46.000	J40	1.1	0.852	0.103	0.0057	
120 minute summer	FC44	Infiltration		0.0				0.0
120 minute summer	FC45	47.000	S10	0.6	0.846	0.049	0.0035	
120 minute summer	FC45	Infiltration		0.0				0.0
120 minute summer	FC46	48.000	S20	0.8	0.504	0.134	0.0095	
120 minute summer	FC46	Infiltration		0.0				0.0
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
120 minute summer	FC48	50.000	J42	0.8	0.541	0.056	0.0085	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC49	72	185.420	0.619	1.4	0.8013	0.0000	SURCHARGED
120 minute summer	FC50	72	185.420	0.619	1.4	0.8012	0.0000	SURCHARGED
120 minute summer	FC51	72	185.469	0.619	1.4	0.8011	0.0000	SURCHARGED
120 minute summer	FC52	72	185.867	0.617	1.4	0.7960	0.0000	SURCHARGED
120 minute summer	FC53	72	185.867	0.617	1.4	0.7968	0.0000	SURCHARGED
120 minute summer	FC54	72	185.668	0.418	1.1	0.5223	0.0000	SURCHARGED
120 minute summer	FC55	72	185.666	0.416	1.1	0.5206	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC48	Infiltration		0.0				0.0
120 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
120 minute summer	FC49	Infiltration		0.0				0.0
120 minute summer	FC50	52.000	J43	0.8	0.510	0.132	0.0071	
120 minute summer	FC50	Infiltration		0.0				0.0
120 minute summer	FC51	55.000	S22	0.8	0.513	0.132	0.0093	
120 minute summer	FC51	Infiltration		0.0				0.0
120 minute summer	FC52	58.000	S23	0.8	0.747	0.077	0.0057	
120 minute summer	FC52	Infiltration		0.0				0.0
120 minute summer	FC53	61.000	J50	0.8	0.701	0.084	0.0048	
120 minute summer	FC53	Infiltration		0.0				0.0
120 minute summer	FC54	62.000	J51	0.6	0.735	0.059	0.0035	
120 minute summer	FC54	Infiltration		0.0				0.0
120 minute summer	FC55	64.000	J53	0.6	0.929	0.043	0.0029	
120 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC56	72	185.766	0.416	1.1	0.5203	0.0000	SURCHARGED
120 minute summer	FC57	72	185.766	0.416	1.1	0.5207	0.0000	SURCHARGED
120 minute summer	FC58	72	185.766	0.416	1.1	0.5210	0.0000	SURCHARGED
120 minute summer	FC59	72	185.767	0.417	1.1	0.5215	0.0000	SURCHARGED
120 minute summer	FC60	72	185.966	0.616	1.4	0.7949	0.0000	SURCHARGED
120 minute summer	FC61	72	185.918	0.617	1.4	0.7972	0.0000	SURCHARGED
120 minute summer	FC62	76	185.890	0.640	1.9	1.3139	0.0000	SURCHARGED
120 minute summer	FC63	72	185.821	0.421	1.1	0.5267	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC56	53.000	J44	0.6	0.959	0.041	0.0044	
120 minute summer	FC56	Infiltration		0.0				0.0
120 minute summer	FC57	54.000	J45	0.6	0.900	0.045	0.0046	
120 minute summer	FC57	Infiltration		0.0				0.0
120 minute summer	FC58	56.000	J46	0.6	0.865	0.048	0.0046	
120 minute summer	FC58	Infiltration		0.0				0.0
120 minute summer	FC59	57.000	J47	0.6	0.802	0.053	0.0051	
120 minute summer	FC59	Infiltration		0.0				0.0
120 minute summer	FC60	59.000	J48	0.8	0.840	0.066	0.0061	
120 minute summer	FC60	Infiltration		0.0				0.0
120 minute summer	FC61	60.000	J49	0.8	0.673	0.090	0.0086	
120 minute summer	FC61	Infiltration		0.0				0.0
120 minute summer	FC62	63.000	J52	0.8	0.624	0.104	0.0120	
120 minute summer	FC62	Infiltration		0.0				0.0
120 minute summer	FC63	65.000	S26	0.6	0.407	0.107	0.0051	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC64	72	185.585	0.434	1.1	0.5435	0.0000	SURCHARGED
120 minute summer	FC65	72	185.767	0.617	1.4	0.7960	0.0000	SURCHARGED
120 minute summer	FC66	72	185.619	0.619	1.4	0.7996	0.0000	SURCHARGED
120 minute summer	FC67	80	184.911	0.111	1.1	1.1404	0.0000	SURCHARGED
120 minute summer	FC68	72	184.969	0.419	1.1	0.5239	0.0000	SURCHARGED
120 minute summer	J1	64	188.277	0.077	6.7	0.1130	0.0000	OK
120 minute summer	J2	64	188.151	0.095	7.3	0.1073	0.0000	OK
120 minute summer	J3	64	188.133	0.083	8.1	0.0940	0.0000	OK
120 minute summer	J4	64	188.098	0.059	8.7	0.0665	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC63	Infiltration		0.0				0.0
120 minute summer	FC64	66.000	J54	0.7	0.267	0.113	0.0106	
120 minute summer	FC64	Infiltration		0.0				0.0
120 minute summer	FC65	67.000	J55	0.8	0.356	0.081	0.0068	
120 minute summer	FC65	Infiltration		0.0				0.0
120 minute summer	FC66	68.000	S24	0.8	0.572	0.108	0.0029	
120 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
120 minute summer	FC67	Infiltration		0.0				0.0
120 minute summer	FC68	70.000	J57	0.6	0.636	0.071	0.0023	
120 minute summer	FC68	Infiltration		0.0				0.0
120 minute summer	J1	1.001	J2	6.7	1.099	0.803	0.0304	
120 minute summer	J2	1.002	J3	7.3	0.673	0.545	0.0113	
120 minute summer	J3	1.003	J4	8.1	0.987	0.609	0.0160	
120 minute summer	J4	1.004	J5	8.6	1.462	0.253	0.0209	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J5	64	187.962	0.052	9.3	0.0589	0.0000	OK
120 minute summer	J6	66	187.725	0.075	9.9	0.0850	0.0000	OK
120 minute summer	J7	66	187.612	0.087	10.5	0.0982	0.0000	OK
120 minute summer	J8	66	187.575	0.054	11.5	0.0609	0.0000	OK
120 minute summer	J9	66	187.367	0.092	11.8	0.1037	0.0000	OK
120 minute summer	J10	66	187.324	0.054	12.6	0.0615	0.0000	OK
120 minute summer	J11	66	187.199	0.078	13.4	0.0880	0.0000	OK
120 minute summer	J12	66	186.906	0.097	20.8	0.1098	0.0000	OK
120 minute summer	J13	66	186.778	0.151	21.1	0.1709	0.0000	OK
120 minute summer	J14	66	186.762	0.140	21.7	0.1588	0.0000	OK
120 minute summer	J15	66	186.741	0.123	22.3	0.1397	0.0000	OK
120 minute summer	J16	66	186.702	0.097	23.0	0.1093	0.0000	OK
120 minute summer	J17	66	186.357	0.074	23.6	0.0833	0.0000	OK
120 minute summer	J18	66	186.226	0.101	27.6	0.1143	0.0000	OK
120 minute summer	J19	66	186.180	0.153	28.3	0.1730	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J5	1.005	J6	9.3	1.312	0.243	0.0404	
120 minute summer	J6	1.006	J7	9.9	1.273	0.348	0.0153	
120 minute summer	J7	1.007	J8	10.8	1.020	0.351	0.0121	
120 minute summer	J8	1.008	J9	11.2	1.013	0.126	0.0950	
120 minute summer	J9	1.009	J10	11.8	1.063	0.355	0.0135	
120 minute summer	J10	1.010	J11	12.6	1.310	0.098	0.0239	
120 minute summer	J11	1.011	S2	13.4	0.712	0.207	0.1022	
120 minute summer	J12	1.013	J13	20.8	1.380	0.311	0.0978	
120 minute summer	J13	1.014	J14	21.1	0.623	0.373	0.0644	
120 minute summer	J14	1.015	J15	21.7	0.729	0.386	0.0572	
120 minute summer	J15	1.016	J16	22.3	0.955	0.419	0.1202	
120 minute summer	J16	1.017	J17	23.0	1.320	0.161	0.0585	
120 minute summer	J17	1.018	S3	23.6	1.092	0.076	0.0413	
120 minute summer	J18	1.020	J19	27.6	0.973	0.096	0.0424	
120 minute summer	J19	1.021	S4	28.3	0.871	0.513	0.1429	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J20	64	186.103	0.072	4.9	0.0819	0.0000	OK
120 minute summer	J21	64	186.082	0.073	5.6	0.0829	0.0000	OK
120 minute summer	J22	66	186.046	0.083	6.3	0.0935	0.0000	OK
120 minute summer	J23	66	186.021	0.079	6.5	0.0897	0.0000	OK
120 minute summer	J24	66	185.934	0.116	11.1	0.1317	0.0000	OK
120 minute summer	J25	66	185.921	0.125	11.7	0.1410	0.0000	OK
120 minute summer	J26	66	185.909	0.130	12.4	0.1470	0.0000	OK
120 minute summer	J27	128	185.881	0.145	16.9	0.1637	0.0000	OK
120 minute summer	J28	64	186.425	0.069	4.5	0.0783	0.0000	OK
120 minute summer	J29	64	186.349	0.078	5.0	0.0883	0.0000	OK
120 minute summer	J30	64	186.255	0.108	10.2	0.1219	0.0000	OK
120 minute summer	J31	64	186.143	0.099	10.8	0.1122	0.0000	OK
120 minute summer	J32	66	186.102	0.091	11.5	0.1032	0.0000	OK
120 minute summer	J33	64	185.595	0.060	16.1	0.0673	0.0000	OK
120 minute summer	J34	64	185.244	0.119	20.6	0.1349	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J20	23.002	J21	4.9	0.580	0.364	0.0320	
120 minute summer	J21	23.003	J22	5.6	0.604	0.416	0.0740	
120 minute summer	J22	23.004	J23	6.2	0.646	0.461	0.0348	
120 minute summer	J23	23.005	S18	6.5	0.726	0.489	0.0677	
120 minute summer	J24	23.007	J25	11.0	0.510	0.365	0.1338	
120 minute summer	J25	23.008	J26	11.7	0.505	0.387	0.1150	
120 minute summer	J26	23.009	S19	12.5	0.523	0.407	0.0886	
120 minute summer	J27	23.011	S4	17.0	0.811	0.569	0.0665	
120 minute summer	J28	32.001	J29	4.5	0.722	0.752	0.0544	
120 minute summer	J29	32.002	S12	5.0	0.802	0.840	0.0289	
120 minute summer	J30	32.004	J31	10.2	0.809	0.766	0.0623	
120 minute summer	J31	32.005	J32	10.8	0.677	0.359	0.1555	
120 minute summer	J32	32.006	S13	11.5	0.963	0.384	0.0640	
120 minute summer	J33	32.008	S14	16.1	1.102	0.154	0.1345	
120 minute summer	J34	32.010	J35	20.6	1.203	0.534	0.1547	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J35	64	185.156	0.081	21.1	0.0920	0.0000	OK
120 minute summer	J36	64	185.000	0.125	21.8	0.1417	0.0000	OK
120 minute summer	J37	64	184.628	0.128	26.7	0.1448	0.0000	OK
120 minute summer	J38	64	184.476	0.176	31.7	0.1990	0.0000	OK
120 minute summer	J39	66	184.433	0.159	32.3	0.1800	0.0000	OK
120 minute summer	J40	66	184.397	0.132	33.3	0.1489	0.0000	OK
120 minute summer	J41	78	184.622	0.025	0.8	0.0279	0.0000	OK
120 minute summer	J42	74	184.574	0.037	1.6	0.0413	0.0000	OK
120 minute summer	J43	66	184.460	0.080	5.4	0.0909	0.0000	OK
120 minute summer	J44	66	184.446	0.076	6.0	0.0857	0.0000	OK
120 minute summer	J45	66	184.403	0.083	6.6	0.0937	0.0000	OK
120 minute summer	J46	66	184.358	0.136	10.3	0.1541	0.0000	OK
120 minute summer	J47	66	184.352	0.145	10.9	0.1645	0.0000	OK
120 minute summer	J48	66	184.338	0.144	14.7	0.1629	0.0000	OK
120 minute summer	J49	66	184.324	0.155	15.4	0.1752	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J35	32.011	J36	21.1	1.187	0.237	0.1224	
120 minute summer	J36	32.012	S15	21.8	1.167	0.726	0.0444	
120 minute summer	J37	32.014	S16	26.7	1.201	0.484	0.1166	
120 minute summer	J38	32.016	J39	31.6	0.782	0.585	0.4372	
120 minute summer	J39	32.017	J40	32.3	0.954	0.590	0.1237	
120 minute summer	J40	32.018	S10	33.4	1.203	0.335	0.2658	
120 minute summer	J41	48.002	J42	0.8	0.423	0.134	0.0127	
120 minute summer	J42	48.003	S21	1.6	0.623	0.267	0.0207	
120 minute summer	J43	48.005	J44	5.4	0.581	0.383	0.0149	
120 minute summer	J44	48.006	J45	6.0	0.631	0.447	0.0829	
120 minute summer	J45	48.007	S22	6.6	0.709	0.484	0.0220	
120 minute summer	J46	48.009	J47	10.3	0.397	0.333	0.1101	
120 minute summer	J47	48.010	S23	10.8	0.394	0.360	0.0726	
120 minute summer	J48	48.012	J49	14.6	0.526	0.489	0.2085	
120 minute summer	J49	48.013	J50	15.3	0.538	0.500	0.0324	

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J50	68	184.314	0.149	16.0	0.1685	0.0000	OK
120 minute summer	J51	68	184.299	0.150	16.6	0.1702	0.0000	OK
120 minute summer	J52	68	184.284	0.140	17.4	0.1585	0.0000	OK
120 minute summer	J53	68	184.258	0.131	18.1	0.1478	0.0000	OK
120 minute summer	J54	64	185.199	0.070	4.3	0.0791	0.0000	OK
120 minute summer	J55	64	185.157	0.063	5.0	0.0711	0.0000	OK
120 minute summer	J56	66	184.179	0.172	26.7	0.1942	0.0000	OK
120 minute summer	J57	66	184.154	0.169	27.2	0.1914	0.0000	OK
120 minute summer	BASIN 1	130	185.881	0.956	49.7	114.5526	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.839	0.539	3.7	54.3765	0.0000	OK
120 minute summer	BASIN 3	360	182.901	-0.199	43.9	110.8376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J50	48.014	J51	16.0	0.573	0.536	0.1423	
120 minute summer	J51	48.015	J52	16.6	0.615	0.542	0.0308	
120 minute summer	J52	48.016	J53	17.4	0.699	0.571	0.1216	
120 minute summer	J53	48.017	S24	18.1	0.832	0.599	0.2228	
120 minute summer	J54	65.002	J55	4.3	0.774	0.722	0.0201	
120 minute summer	J55	65.003	S24	4.9	0.991	0.647	0.0391	
120 minute summer	J56	48.019	J57	26.6	0.645	0.491	0.3754	
120 minute summer	J57	48.020	S25	27.2	0.694	0.499	0.2410	
120 minute summer	BASIN 1	1.023	S5	3.4	0.235	0.041	0.9418	
120 minute summer	BASIN 1	Infiltration		0.1				2.1
120 minute summer	BASIN 2	1.027	S7	2.2	0.477	0.026	0.1018	
120 minute summer	BASIN 2	71.000	BH1	1.9	0.586	0.318	0.1829	
120 minute summer	BASIN 2	Infiltration		0.0				0.0
120 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	BASIN 4	174	183.658	0.328	34.6	95.5938	0.0000	SURCHARGED
120 minute summer	SWALE 1	130	184.926	0.052	3.4	0.0745	0.0000	OK
120 minute summer	SWALE 2	360	184.418	0.042	2.2	0.0608	0.0000	OK
120 minute summer	SWALE 3	66	184.141	0.146	38.1	0.2086	0.0000	OK
120 minute summer	BH1	360	184.839	0.762	1.9	3.0110	0.0000	OK
120 minute summer	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute summer	BH3	176	183.658	0.339	2.7	3.1898	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	BASIN 4	48.022	BH3	2.7	0.562	0.050	0.3211	
120 minute summer	BASIN 4	Infiltration		0.0				0.0
120 minute summer	SWALE 1	1.025	S6	3.4	0.376	0.041	0.3370	
120 minute summer	SWALE 2	1.029	S8	2.1	0.447	0.026	0.1255	
120 minute summer	SWALE 3	1.033	BASIN 3	38.3	0.994	0.307	1.6650	
120 minute summer	BH1	Infiltration		0.1				1.7
120 minute summer	BH2	Infiltration		0.0				0.0
120 minute summer	BH3	Infiltration		0.2				3.5

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.403	0.033	2.1	0.0492	0.0000	OK
120 minute winter	S2	66	187.162	0.123	16.0	0.2127	0.0000	OK
120 minute winter	S3	66	186.255	0.118	21.5	0.1564	0.0000	OK
120 minute winter	S4	128	185.884	0.506	37.6	0.6481	0.0000	SURCHARGED
120 minute winter	S5	128	185.883	0.973	3.4	1.3929	0.0000	SURCHARGED
120 minute winter	S6	130	184.858	0.050	3.4	0.0714	0.0000	OK
120 minute winter	S7	360	184.782	0.023	2.2	0.0324	0.0000	OK
120 minute winter	S8	360	184.354	0.024	2.1	0.0345	0.0000	OK
120 minute winter	S9	66	184.203	0.078	2.1	0.1118	0.0000	OK
120 minute winter	S10	66	184.203	0.090	28.8	0.1641	0.0000	OK
120 minute winter	S11	64	186.452	0.052	2.7	0.0816	0.0000	OK
120 minute winter	S12	64	186.265	0.089	7.0	0.1312	0.0000	OK
120 minute winter	S13	66	186.047	0.054	11.5	0.0812	0.0000	OK
120 minute winter	S14	66	185.274	0.099	15.3	0.1565	0.0000	OK
120 minute winter	S15	66	184.944	0.077	19.7	0.1203	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S1	1.000	J1	2.1	0.586	0.241	0.0296	
120 minute winter	S2	1.012	J12	16.0	0.796	0.535	0.0300	
120 minute winter	S3	1.019	J18	21.5	1.024	0.403	0.1080	
120 minute winter	S4	1.022	BASIN 1	37.6	1.216	0.224	1.1778	
120 minute winter	S5	1.024	SWALE 1	3.4	0.366	0.040	0.1868	
120 minute winter	S6	1.026	BASIN 2	3.4	0.452	0.039	0.0428	
120 minute winter	S7	1.028	SWALE 2	2.2	0.470	0.007	0.0801	
120 minute winter	S8	1.030	S9	2.1	0.496	0.008	0.0997	
120 minute winter	S9	1.031	S10	2.1	0.524	0.025	0.1234	
120 minute winter	S10	1.032	SWALE 3	28.8	1.108	0.087	0.1138	
120 minute winter	S11	32.000	J28	2.7	0.635	0.454	0.0193	
120 minute winter	S12	32.003	J30	7.0	0.644	0.524	0.0553	
120 minute winter	S13	32.007	J33	11.5	1.612	0.118	0.0930	
120 minute winter	S14	32.009	J34	15.3	0.892	0.302	0.0900	
120 minute winter	S15	32.013	J37	19.7	1.757	0.214	0.1049	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.555	0.068	23.4	0.1036	0.0000	OK
120 minute winter	S17	64	186.204	0.054	3.1	0.0858	0.0000	OK
120 minute winter	S18	66	185.922	0.098	7.8	0.1449	0.0000	OK
120 minute winter	S19	128	185.884	0.118	12.3	0.1694	0.0000	OK
120 minute winter	S20	80	184.668	0.026	0.8	0.0289	0.0000	OK
120 minute winter	S21	66	184.471	0.062	3.9	0.0821	0.0000	OK
120 minute winter	S22	68	184.344	0.113	7.9	0.1464	0.0000	OK
120 minute winter	S23	68	184.328	0.130	11.4	0.1671	0.0000	OK
120 minute winter	S24	68	184.174	0.157	21.6	0.2070	0.0000	OK
120 minute winter	S25	68	184.111	0.141	24.3	0.1956	0.0000	OK
120 minute winter	S26	64	185.412	0.035	2.7	0.0515	0.0000	OK
120 minute winter	FC1	76	188.746	0.496	1.0	0.6406	0.0000	SURCHARGED
120 minute winter	FC2	76	188.647	0.497	1.0	0.6416	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S16	32.015	J38	23.4	1.018	0.073	0.0541	
120 minute winter	S17	23.001	J20	3.1	0.736	0.515	0.0297	
120 minute winter	S18	23.006	J24	7.8	0.479	0.244	0.0300	
120 minute winter	S19	23.010	J27	12.3	0.638	0.411	0.2161	
120 minute winter	S20	48.001	J41	0.8	0.513	0.132	0.0071	
120 minute winter	S21	48.004	J43	3.8	0.508	0.288	0.0386	
120 minute winter	S22	48.008	J46	7.9	0.403	0.252	0.0495	
120 minute winter	S23	48.011	J48	11.3	0.493	0.368	0.0260	
120 minute winter	S24	48.018	J56	21.5	0.590	0.403	0.1550	
120 minute winter	S25	48.021	BASIN 4	24.3	0.829	0.456	0.1129	
120 minute winter	S26	65.001	J54	2.7	0.769	0.260	0.0302	
120 minute winter	FC1	2.000	J1	0.7	0.356	0.112	0.0146	
120 minute winter	FC1	Infiltration		0.0				0.0
120 minute winter	FC2	3.000	J2	0.7	0.496	0.117	0.0074	
120 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC3	80	188.830	0.630	1.3	1.0996	0.0000	SURCHARGED
120 minute winter	FC4	74	188.522	0.322	0.7	0.4026	0.0000	SURCHARGED
120 minute winter	FC5	76	188.497	0.497	1.0	0.6419	0.0000	SURCHARGED
120 minute winter	FC6	74	188.171	0.321	0.7	0.4012	0.0000	SURCHARGED
120 minute winter	FC7	74	188.072	0.322	0.7	0.4030	0.0000	SURCHARGED
120 minute winter	FC8	76	188.243	0.493	1.0	0.6368	0.0000	SURCHARGED
120 minute winter	FC9	74	187.794	0.324	0.7	0.4048	0.0000	SURCHARGED
120 minute winter	FC10	80	188.102	0.632	1.3	1.0979	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
120 minute winter	FC3	Infiltration		0.0				0.0
120 minute winter	FC4	5.000	J4	0.6	0.550	0.075	0.0074	
120 minute winter	FC4	Infiltration		0.0				0.0
120 minute winter	FC5	6.000	J5	0.7	0.494	0.117	0.0058	
120 minute winter	FC5	Infiltration		0.0				0.0
120 minute winter	FC6	7.000	J6	0.6	0.613	0.064	0.0067	
120 minute winter	FC6	Infiltration		0.0				0.0
120 minute winter	FC7	8.000	J7	0.6	0.532	0.078	0.0076	
120 minute winter	FC7	Infiltration		0.0				0.0
120 minute winter	FC8	9.000	J8	0.7	0.693	0.073	0.0042	
120 minute winter	FC8	Infiltration		0.0				0.0
120 minute winter	FC9	10.000	J9	0.6	0.470	0.094	0.0086	
120 minute winter	FC9	Infiltration		0.0				0.0
120 minute winter	FC10	11.000	J10	0.8	0.558	0.119	0.0088	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC11	76	187.817	0.497	1.0	0.6416	0.0000	SURCHARGED
120 minute winter	FC12	76	187.727	0.497	1.0	0.6417	0.0000	SURCHARGED
120 minute winter	FC13	76	187.497	0.497	1.0	0.6416	0.0000	SURCHARGED
120 minute winter	FC14	88	187.026	0.126	1.0	1.6119	0.0000	SURCHARGED
120 minute winter	FC15	74	187.517	0.317	0.7	0.3970	0.0000	SURCHARGED
120 minute winter	FC16	74	187.223	0.323	0.7	0.4041	0.0000	SURCHARGED
120 minute winter	FC17	74	187.319	0.319	0.7	0.3988	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC10	Infiltration		0.0				0.0
120 minute winter	FC11	12.000	J11	0.7	0.498	0.118	0.0108	
120 minute winter	FC11	Infiltration		0.0				0.0
120 minute winter	FC12	13.000	S2	0.7	0.498	0.118	0.0096	
120 minute winter	FC12	Infiltration		0.0				0.0
120 minute winter	FC13	14.000	J12	0.7	0.499	0.117	0.0095	
120 minute winter	FC13	Infiltration		0.0				0.0
120 minute winter	FC14	15.000	J13	0.3	0.406	0.057	0.0062	
120 minute winter	FC14	Infiltration		0.0				0.0
120 minute winter	FC15	16.000	J14	0.6	0.992	0.032	0.0026	
120 minute winter	FC15	Infiltration		0.0				0.0
120 minute winter	FC16	17.000	J15	0.6	0.491	0.088	0.0086	
120 minute winter	FC16	Infiltration		0.0				0.0
120 minute winter	FC17	18.000	J16	0.6	0.777	0.045	0.0035	
120 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC18	74	186.874	0.324	0.7	0.4049	0.0000	SURCHARGED
120 minute winter	FC19	76	186.897	0.497	1.0	0.6417	0.0000	SURCHARGED
120 minute winter	FC20	76	187.440	0.490	1.0	0.6330	0.0000	SURCHARGED
120 minute winter	FC21	76	186.797	0.497	1.0	0.6416	0.0000	SURCHARGED
120 minute winter	FC22	84	186.558	0.108	0.7	1.0435	0.0000	SURCHARGED
120 minute winter	FC23	74	186.618	0.318	0.7	0.3983	0.0000	SURCHARGED
120 minute winter	FC24	76	186.791	0.491	1.0	0.6339	0.0000	SURCHARGED
120 minute winter	FC25	76	187.040	0.490	1.0	0.6330	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC18	19.000	J17	0.6	0.467	0.094	0.0083	
120 minute winter	FC18	Infiltration		0.0				0.0
120 minute winter	FC19	20.000	S3	0.7	0.496	0.118	0.0093	
120 minute winter	FC19	Infiltration		0.0				0.0
120 minute winter	FC20	21.000	J18	0.7	1.001	0.043	0.0030	
120 minute winter	FC20	Infiltration		0.0				0.0
120 minute winter	FC21	22.000	J19	0.7	0.498	0.118	0.0107	
120 minute winter	FC21	Infiltration		0.0				0.0
120 minute winter	FC22	23.000	S17	0.3	0.484	0.021	0.0111	
120 minute winter	FC22	Infiltration		0.0				0.0
120 minute winter	FC23	24.000	J20	0.6	0.823	0.042	0.0031	
120 minute winter	FC23	Infiltration		0.0				0.0
120 minute winter	FC24	25.000	J21	0.7	0.905	0.050	0.0036	
120 minute winter	FC24	Infiltration		0.0				0.0
120 minute winter	FC25	26.000	J22	0.7	0.994	0.044	0.0033	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC26	84	186.555	0.105	0.7	1.0573	0.0000	SURCHARGED
120 minute winter	FC27	74	186.817	0.317	0.7	0.3963	0.0000	SURCHARGED
120 minute winter	FC28	76	186.990	0.490	1.0	0.6330	0.0000	SURCHARGED
120 minute winter	FC29	76	186.991	0.490	1.0	0.6332	0.0000	SURCHARGED
120 minute winter	FC30	76	187.241	0.491	1.0	0.6336	0.0000	SURCHARGED
120 minute winter	FC31	74	186.770	0.320	0.7	0.4006	0.0000	SURCHARGED
120 minute winter	FC32	74	186.768	0.318	0.7	0.3984	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC25	Infiltration		0.0				0.0
120 minute winter	FC26	27.000	J23	0.3	0.692	0.023	0.0021	
120 minute winter	FC26	Infiltration		0.0				0.0
120 minute winter	FC27	28.000	J24	0.6	1.154	0.026	0.0022	
120 minute winter	FC27	Infiltration		0.0				0.0
120 minute winter	FC28	29.000	J25	0.7	0.999	0.044	0.0030	
120 minute winter	FC28	Infiltration		0.0				0.0
120 minute winter	FC29	30.000	J26	0.7	0.973	0.045	0.0034	
120 minute winter	FC29	Infiltration		0.0				0.0
120 minute winter	FC30	31.000	J27	0.7	0.934	0.048	0.0033	
120 minute winter	FC30	Infiltration		0.0				0.0
120 minute winter	FC31	33.000	J28	0.6	0.327	0.062	0.0111	
120 minute winter	FC31	Infiltration		0.0				0.0
120 minute winter	FC32	34.000	J29	0.6	0.277	0.044	0.0120	
120 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC33	76	186.941	0.491	1.0	0.6334	0.0000	SURCHARGED
120 minute winter	FC34	76	186.947	0.497	1.0	0.6413	0.0000	SURCHARGED
120 minute winter	FC35	76	186.941	0.491	1.0	0.6336	0.0000	SURCHARGED
120 minute winter	FC36	76	186.941	0.491	1.0	0.6332	0.0000	SURCHARGED
120 minute winter	FC37	80	186.433	0.633	1.3	1.0924	0.0000	SURCHARGED
120 minute winter	FC38	88	185.543	0.093	0.7	1.1193	0.0000	OK
120 minute winter	FC39	74	185.768	0.318	0.7	0.3979	0.0000	SURCHARGED
120 minute winter	FC40	76	185.990	0.490	1.0	0.6320	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC33	35.000	S12	0.7	0.897	0.049	0.0072	
120 minute winter	FC33	Infiltration		0.0				0.0
120 minute winter	FC34	36.000	J30	0.7	0.510	0.112	0.0065	
120 minute winter	FC34	Infiltration		0.0				0.0
120 minute winter	FC35	37.000	J31	0.7	0.924	0.049	0.0039	
120 minute winter	FC35	Infiltration		0.0				0.0
120 minute winter	FC36	38.000	J32	0.7	0.969	0.046	0.0036	
120 minute winter	FC36	Infiltration		0.0				0.0
120 minute winter	FC37	39.000	J33	0.8	0.687	0.089	0.0076	
120 minute winter	FC37	Infiltration		0.0				0.0
120 minute winter	FC38	40.000	J34	0.3	0.652	0.023	0.0021	
120 minute winter	FC38	Infiltration		0.0				0.0
120 minute winter	FC39	41.000	J35	0.6	0.872	0.039	0.0028	
120 minute winter	FC39	Infiltration		0.0				0.0
120 minute winter	FC40	42.000	J36	0.7	1.139	0.036	0.0031	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC41	76	185.343	0.493	1.0	0.6359	0.0000	SURCHARGED
120 minute winter	FC42	76	185.094	0.494	1.0	0.6376	0.0000	SURCHARGED
120 minute winter	FC43	76	185.093	0.493	1.0	0.6361	0.0000	SURCHARGED
120 minute winter	FC44	62	184.618	0.018	0.7	0.0225	0.0000	OK
120 minute winter	FC45	74	184.919	0.318	0.7	0.3984	0.0000	SURCHARGED
120 minute winter	FC46	80	185.332	0.632	1.3	1.0998	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	76	185.291	0.491	1.0	0.6335	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC40	Infiltration		0.0				0.0
120 minute winter	FC41	43.000	J37	0.7	0.743	0.066	0.0047	
120 minute winter	FC41	Infiltration		0.0				0.0
120 minute winter	FC42	44.000	J38	0.7	0.647	0.081	0.0053	
120 minute winter	FC42	Infiltration		0.0				0.0
120 minute winter	FC43	45.000	J39	0.7	0.734	0.067	0.0041	
120 minute winter	FC43	Infiltration		0.0				0.0
120 minute winter	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
120 minute winter	FC44	Infiltration		0.0				0.0
120 minute winter	FC45	47.000	S10	0.6	0.812	0.043	0.0032	
120 minute winter	FC45	Infiltration		0.0				0.0
120 minute winter	FC46	48.000	S20	0.8	0.503	0.133	0.0094	
120 minute winter	FC46	Infiltration		0.0				0.0
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
120 minute winter	FC48	50.000	J42	0.7	0.541	0.050	0.0081	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC49	76	185.297	0.497	1.0	0.6419	0.0000	SURCHARGED
120 minute winter	FC50	76	185.297	0.497	1.0	0.6419	0.0000	SURCHARGED
120 minute winter	FC51	76	185.347	0.497	1.0	0.6417	0.0000	SURCHARGED
120 minute winter	FC52	76	185.743	0.493	1.0	0.6362	0.0000	SURCHARGED
120 minute winter	FC53	76	185.743	0.493	1.0	0.6370	0.0000	SURCHARGED
120 minute winter	FC54	74	185.570	0.320	0.7	0.3997	0.0000	SURCHARGED
120 minute winter	FC55	74	185.568	0.318	0.7	0.3977	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC48	Infiltration		0.0				0.0
120 minute winter	FC49	51.000	S21	0.7	0.494	0.117	0.0061	
120 minute winter	FC49	Infiltration		0.0				0.0
120 minute winter	FC50	52.000	J43	0.7	0.495	0.117	0.0066	
120 minute winter	FC50	Infiltration		0.0				0.0
120 minute winter	FC51	55.000	S22	0.7	0.497	0.118	0.0086	
120 minute winter	FC51	Infiltration		0.0				0.0
120 minute winter	FC52	58.000	S23	0.7	0.723	0.069	0.0053	
120 minute winter	FC52	Infiltration		0.0				0.0
120 minute winter	FC53	61.000	J50	0.7	0.679	0.075	0.0044	
120 minute winter	FC53	Infiltration		0.0				0.0
120 minute winter	FC54	62.000	J51	0.6	0.707	0.052	0.0031	
120 minute winter	FC54	Infiltration		0.0				0.0
120 minute winter	FC55	64.000	J53	0.6	0.892	0.037	0.0026	
120 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC56	74	185.668	0.318	0.7	0.3974	0.0000	SURCHARGED
120 minute winter	FC57	74	185.668	0.318	0.7	0.3979	0.0000	SURCHARGED
120 minute winter	FC58	74	185.668	0.318	0.7	0.3982	0.0000	SURCHARGED
120 minute winter	FC59	74	185.669	0.319	0.7	0.3989	0.0000	SURCHARGED
120 minute winter	FC60	76	185.842	0.492	1.0	0.6349	0.0000	SURCHARGED
120 minute winter	FC61	76	185.794	0.494	1.0	0.6375	0.0000	SURCHARGED
120 minute winter	FC62	80	185.881	0.631	1.3	1.0955	0.0000	SURCHARGED
120 minute winter	FC63	74	185.723	0.323	0.7	0.4044	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC56	53.000	J44	0.6	0.921	0.036	0.0040	
120 minute winter	FC56	Infiltration		0.0				0.0
120 minute winter	FC57	54.000	J45	0.6	0.864	0.039	0.0042	
120 minute winter	FC57	Infiltration		0.0				0.0
120 minute winter	FC58	56.000	J46	0.6	0.830	0.042	0.0042	
120 minute winter	FC58	Infiltration		0.0				0.0
120 minute winter	FC59	57.000	J47	0.6	0.770	0.046	0.0046	
120 minute winter	FC59	Infiltration		0.0				0.0
120 minute winter	FC60	59.000	J48	0.7	0.812	0.059	0.0057	
120 minute winter	FC60	Infiltration		0.0				0.0
120 minute winter	FC61	60.000	J49	0.7	0.652	0.081	0.0079	
120 minute winter	FC61	Infiltration		0.0				0.0
120 minute winter	FC62	63.000	J52	0.8	0.622	0.103	0.0119	
120 minute winter	FC62	Infiltration		0.0				0.0
120 minute winter	FC63	65.000	S26	0.6	0.380	0.094	0.0042	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC64	74	185.484	0.334	0.7	0.4177	0.0000	SURCHARGED
120 minute winter	FC65	76	185.643	0.493	1.0	0.6361	0.0000	SURCHARGED
120 minute winter	FC66	76	185.496	0.496	1.0	0.6402	0.0000	SURCHARGED
120 minute winter	FC67	84	184.905	0.105	0.7	1.0781	0.0000	SURCHARGED
120 minute winter	FC68	74	184.871	0.321	0.7	0.4015	0.0000	SURCHARGED
120 minute winter	J1	64	188.260	0.060	4.8	0.0886	0.0000	OK
120 minute winter	J2	64	188.136	0.080	5.4	0.0907	0.0000	OK
120 minute winter	J3	64	188.122	0.072	6.2	0.0809	0.0000	OK
120 minute winter	J4	64	188.090	0.051	6.7	0.0572	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC63	Infiltration		0.0				0.0
120 minute winter	FC64	66.000	J54	0.6	0.250	0.097	0.0079	
120 minute winter	FC64	Infiltration		0.0				0.0
120 minute winter	FC65	67.000	J55	0.7	0.340	0.072	0.0056	
120 minute winter	FC65	Infiltration		0.0				0.0
120 minute winter	FC66	68.000	S24	0.7	0.555	0.097	0.0027	
120 minute winter	FC66	Infiltration		0.0				0.0
120 minute winter	FC67	69.000	J56	0.3	0.383	0.051	0.0016	
120 minute winter	FC67	Infiltration		0.0				0.0
120 minute winter	FC68	70.000	J57	0.6	0.612	0.062	0.0021	
120 minute winter	FC68	Infiltration		0.0				0.0
120 minute winter	J1	1.001	J2	4.8	1.034	0.580	0.0234	
120 minute winter	J2	1.002	J3	5.4	0.607	0.404	0.0093	
120 minute winter	J3	1.003	J4	6.2	0.919	0.465	0.0132	
120 minute winter	J4	1.004	J5	6.7	1.380	0.196	0.0171	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J5	66	187.955	0.045	7.3	0.0512	0.0000	OK
120 minute winter	J6	66	187.715	0.065	7.8	0.0737	0.0000	OK
120 minute winter	J7	66	187.602	0.077	8.4	0.0871	0.0000	OK
120 minute winter	J8	66	187.569	0.048	9.3	0.0545	0.0000	OK
120 minute winter	J9	66	187.357	0.081	9.5	0.0922	0.0000	OK
120 minute winter	J10	66	187.318	0.048	10.3	0.0544	0.0000	OK
120 minute winter	J11	68	187.189	0.068	11.0	0.0768	0.0000	OK
120 minute winter	J12	66	186.894	0.085	16.6	0.0961	0.0000	OK
120 minute winter	J13	66	186.761	0.133	16.9	0.1510	0.0000	OK
120 minute winter	J14	66	186.747	0.124	17.4	0.1408	0.0000	OK
120 minute winter	J15	66	186.727	0.110	17.9	0.1243	0.0000	OK
120 minute winter	J16	66	186.690	0.085	18.4	0.0965	0.0000	OK
120 minute winter	J17	68	186.346	0.063	19.0	0.0711	0.0000	OK
120 minute winter	J18	68	186.211	0.086	22.1	0.0967	0.0000	OK
120 minute winter	J19	68	186.163	0.136	22.8	0.1537	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J5	1.005	J6	7.3	1.245	0.191	0.0335	
120 minute winter	J6	1.006	J7	7.8	1.206	0.276	0.0128	
120 minute winter	J7	1.007	J8	8.7	0.966	0.283	0.0103	
120 minute winter	J8	1.008	J9	9.0	0.953	0.101	0.0811	
120 minute winter	J9	1.009	J10	9.5	1.010	0.286	0.0115	
120 minute winter	J10	1.010	J11	10.3	1.278	0.080	0.0199	
120 minute winter	J11	1.011	S2	10.9	0.692	0.170	0.0866	
120 minute winter	J12	1.013	J13	16.6	1.306	0.248	0.0824	
120 minute winter	J13	1.014	J14	16.9	0.584	0.298	0.0549	
120 minute winter	J14	1.015	J15	17.4	0.684	0.309	0.0488	
120 minute winter	J15	1.016	J16	17.9	0.902	0.336	0.1021	
120 minute winter	J16	1.017	J17	18.4	1.250	0.129	0.0496	
120 minute winter	J17	1.018	S3	19.0	1.066	0.061	0.0342	
120 minute winter	J18	1.020	J19	22.1	0.938	0.077	0.0354	
120 minute winter	J19	1.021	S4	22.8	0.817	0.413	0.1227	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J20	64	186.090	0.059	3.6	0.0672	0.0000	OK
120 minute winter	J21	64	186.070	0.061	4.2	0.0691	0.0000	OK
120 minute winter	J22	66	186.033	0.070	4.8	0.0796	0.0000	OK
120 minute winter	J23	66	186.010	0.068	5.1	0.0770	0.0000	OK
120 minute winter	J24	66	185.913	0.096	8.3	0.1086	0.0000	OK
120 minute winter	J25	66	185.900	0.104	9.0	0.1172	0.0000	OK
120 minute winter	J26	66	185.888	0.109	9.6	0.1233	0.0000	OK
120 minute winter	J27	128	185.884	0.148	13.0	0.1669	0.0000	OK
120 minute winter	J28	64	186.411	0.055	3.2	0.0623	0.0000	OK
120 minute winter	J29	64	186.333	0.062	3.7	0.0704	0.0000	OK
120 minute winter	J30	64	186.236	0.089	7.6	0.1010	0.0000	OK
120 minute winter	J31	66	186.130	0.085	8.3	0.0966	0.0000	OK
120 minute winter	J32	66	186.091	0.080	8.9	0.0904	0.0000	OK
120 minute winter	J33	66	185.587	0.052	12.3	0.0589	0.0000	OK
120 minute winter	J34	66	185.227	0.102	15.6	0.1153	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J20	23.002	J21	3.6	0.538	0.263	0.0250	
120 minute winter	J21	23.003	J22	4.2	0.564	0.311	0.0595	
120 minute winter	J22	23.004	J23	4.8	0.608	0.357	0.0285	
120 minute winter	J23	23.005	S18	5.1	0.683	0.380	0.0559	
120 minute winter	J24	23.007	J25	8.3	0.491	0.276	0.1051	
120 minute winter	J25	23.008	J26	9.0	0.486	0.297	0.0916	
120 minute winter	J26	23.009	S19	9.6	0.503	0.314	0.0723	
120 minute winter	J27	23.011	S4	13.0	0.748	0.434	0.0680	
120 minute winter	J28	32.001	J29	3.2	0.671	0.540	0.0421	
120 minute winter	J29	32.002	S12	3.7	0.759	0.623	0.0227	
120 minute winter	J30	32.004	J31	7.6	0.742	0.574	0.0510	
120 minute winter	J31	32.005	J32	8.3	0.625	0.275	0.1288	
120 minute winter	J32	32.006	S13	8.9	0.900	0.296	0.0529	
120 minute winter	J33	32.008	S14	12.3	1.053	0.118	0.1082	
120 minute winter	J34	32.010	J35	15.6	1.130	0.404	0.1249	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J35	66	185.144	0.069	16.1	0.0775	0.0000	OK
120 minute winter	J36	66	184.983	0.108	16.7	0.1222	0.0000	OK
120 minute winter	J37	66	184.610	0.110	20.4	0.1248	0.0000	OK
120 minute winter	J38	66	184.449	0.149	24.0	0.1686	0.0000	OK
120 minute winter	J39	66	184.410	0.136	24.6	0.1534	0.0000	OK
120 minute winter	J40	66	184.377	0.112	25.3	0.1271	0.0000	OK
120 minute winter	J41	82	184.622	0.025	0.8	0.0278	0.0000	OK
120 minute winter	J42	76	184.572	0.035	1.5	0.0400	0.0000	OK
120 minute winter	J43	68	184.452	0.072	4.5	0.0812	0.0000	OK
120 minute winter	J44	68	184.438	0.068	5.0	0.0769	0.0000	OK
120 minute winter	J45	68	184.395	0.075	5.6	0.0846	0.0000	OK
120 minute winter	J46	68	184.339	0.117	8.5	0.1320	0.0000	OK
120 minute winter	J47	68	184.333	0.126	9.0	0.1424	0.0000	OK
120 minute winter	J48	68	184.319	0.125	12.0	0.1415	0.0000	OK
120 minute winter	J49	68	184.306	0.137	12.7	0.1552	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J35	32.011	J36	16.1	1.115	0.181	0.0997	
120 minute winter	J36	32.012	S15	16.7	1.093	0.558	0.0364	
120 minute winter	J37	32.014	S16	20.4	1.163	0.369	0.0919	
120 minute winter	J38	32.016	J39	24.0	0.729	0.444	0.3562	
120 minute winter	J39	32.017	J40	24.6	0.896	0.450	0.1005	
120 minute winter	J40	32.018	S10	25.3	1.120	0.254	0.2162	
120 minute winter	J41	48.002	J42	0.8	0.419	0.133	0.0123	
120 minute winter	J42	48.003	S21	1.5	0.613	0.252	0.0198	
120 minute winter	J43	48.005	J44	4.5	0.558	0.320	0.0129	
120 minute winter	J44	48.006	J45	5.0	0.607	0.376	0.0725	
120 minute winter	J45	48.007	S22	5.6	0.681	0.410	0.0194	
120 minute winter	J46	48.009	J47	8.5	0.390	0.274	0.0919	
120 minute winter	J47	48.010	S23	9.0	0.386	0.298	0.0614	
120 minute winter	J48	48.012	J49	12.0	0.502	0.401	0.1788	
120 minute winter	J49	48.013	J50	12.7	0.511	0.413	0.0281	

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J50	70	184.297	0.132	13.3	0.1492	0.0000	OK
120 minute winter	J51	70	184.283	0.135	13.9	0.1523	0.0000	OK
120 minute winter	J52	70	184.270	0.126	14.6	0.1421	0.0000	OK
120 minute winter	J53	70	184.245	0.118	15.2	0.1333	0.0000	OK
120 minute winter	J54	64	185.186	0.057	3.2	0.0649	0.0000	OK
120 minute winter	J55	66	185.147	0.053	3.8	0.0601	0.0000	OK
120 minute winter	J56	68	184.158	0.151	21.8	0.1712	0.0000	OK
120 minute winter	J57	68	184.135	0.150	22.3	0.1699	0.0000	OK
120 minute winter	BASIN 1	128	185.884	0.958	38.9	114.9892	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.839	0.539	3.5	54.4024	0.0000	OK
120 minute winter	BASIN 3	360	182.901	-0.199	32.8	110.8605	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J50	48.014	J51	13.3	0.544	0.446	0.1242	
120 minute winter	J51	48.015	J52	13.9	0.583	0.452	0.0270	
120 minute winter	J52	48.016	J53	14.6	0.668	0.480	0.1068	
120 minute winter	J53	48.017	S24	15.2	0.791	0.504	0.1970	
120 minute winter	J54	65.002	J55	3.2	0.719	0.538	0.0161	
120 minute winter	J55	65.003	S24	3.8	0.936	0.501	0.0320	
120 minute winter	J56	48.019	J57	21.8	0.615	0.402	0.3221	
120 minute winter	J57	48.020	S25	22.3	0.659	0.409	0.2077	
120 minute winter	BASIN 1	1.023	S5	3.4	0.273	0.041	0.9418	
120 minute winter	BASIN 1	Infiltration		0.1				2.1
120 minute winter	BASIN 2	1.027	S7	2.2	0.479	0.026	0.1027	
120 minute winter	BASIN 2	71.000	BH1	1.9	0.600	0.321	0.1829	
120 minute winter	BASIN 2	Infiltration		0.0				0.0
120 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	BASIN 4	174	183.658	0.328	27.5	95.5576	0.0000	SURCHARGED
120 minute winter	SWALE 1	130	184.926	0.052	3.4	0.0746	0.0000	OK
120 minute winter	SWALE 2	360	184.418	0.043	2.2	0.0611	0.0000	OK
120 minute winter	SWALE 3	66	184.119	0.124	28.8	0.1780	0.0000	OK
120 minute winter	BH1	360	184.839	0.762	1.9	3.0116	0.0000	OK
120 minute winter	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute winter	BH3	172	183.658	0.339	3.1	3.1893	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	BASIN 4	48.022	BH3	3.1	0.585	0.057	0.3211	
120 minute winter	BASIN 4	Infiltration		0.0				0.0
120 minute winter	SWALE 1	1.025	S6	3.4	0.377	0.041	0.3374	
120 minute winter	SWALE 2	1.029	S8	2.1	0.449	0.026	0.1265	
120 minute winter	SWALE 3	1.033	BASIN 3	28.7	0.921	0.230	1.3467	
120 minute winter	BH1	Infiltration		0.1				1.7
120 minute winter	BH2	Infiltration		0.0				0.0
120 minute winter	BH3	Infiltration		0.2				3.5

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.404	0.034	2.2	0.0504	0.0000	OK
180 minute summer	S2	96	187.165	0.126	16.7	0.2177	0.0000	OK
180 minute summer	S3	96	186.257	0.120	22.3	0.1594	0.0000	OK
180 minute summer	S4	184	185.938	0.560	39.1	0.7182	0.0000	SURCHARGED
180 minute summer	S5	188	185.938	1.028	3.5	1.4711	0.0000	SURCHARGED
180 minute summer	S6	188	184.859	0.051	3.5	0.0724	0.0000	OK
180 minute summer	S7	408	184.785	0.026	2.9	0.0371	0.0000	OK
180 minute summer	S8	408	184.358	0.028	2.9	0.0396	0.0000	OK
180 minute summer	S9	96	184.207	0.082	2.9	0.1169	0.0000	OK
180 minute summer	S10	96	184.207	0.094	30.6	0.1704	0.0000	OK
180 minute summer	S11	96	186.454	0.054	2.9	0.0855	0.0000	OK
180 minute summer	S12	96	186.269	0.093	7.5	0.1371	0.0000	OK
180 minute summer	S13	96	186.049	0.056	12.3	0.0839	0.0000	OK
180 minute summer	S14	96	185.278	0.103	16.3	0.1626	0.0000	OK
180 minute summer	S15	96	184.946	0.079	21.0	0.1244	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S1	1.000	J1	2.2	0.595	0.252	0.0307	
180 minute summer	S2	1.012	J12	16.7	0.806	0.558	0.0309	
180 minute summer	S3	1.019	J18	22.2	1.029	0.417	0.1112	
180 minute summer	S4	1.022	BASIN 1	39.1	1.065	0.233	1.1778	
180 minute summer	S5	1.024	SWALE 1	3.5	0.369	0.042	0.1907	
180 minute summer	S6	1.026	BASIN 2	3.5	0.456	0.040	0.0479	
180 minute summer	S7	1.028	SWALE 2	2.9	0.519	0.010	0.0957	
180 minute summer	S8	1.030	S9	2.9	0.548	0.011	0.1061	
180 minute summer	S9	1.031	S10	2.9	0.581	0.034	0.1307	
180 minute summer	S10	1.032	SWALE 3	30.5	1.122	0.093	0.1194	
180 minute summer	S11	32.000	J28	2.9	0.649	0.488	0.0204	
180 minute summer	S12	32.003	J30	7.5	0.653	0.559	0.0581	
180 minute summer	S13	32.007	J33	12.2	1.641	0.125	0.0971	
180 minute summer	S14	32.009	J34	16.3	0.905	0.321	0.0943	
180 minute summer	S15	32.013	J37	20.9	1.783	0.227	0.1096	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.558	0.071	24.9	0.1085	0.0000	OK
180 minute summer	S17	96	186.206	0.056	3.3	0.0895	0.0000	OK
180 minute summer	S18	184	185.938	0.114	8.3	0.1689	0.0000	OK
180 minute summer	S19	184	185.938	0.172	13.0	0.2482	0.0000	OK
180 minute summer	S20	108	184.668	0.026	0.8	0.0289	0.0000	OK
180 minute summer	S21	96	184.473	0.064	4.0	0.0844	0.0000	OK
180 minute summer	S22	100	184.347	0.116	8.3	0.1506	0.0000	OK
180 minute summer	S23	100	184.331	0.133	11.8	0.1716	0.0000	OK
180 minute summer	S24	100	184.178	0.161	22.4	0.2121	0.0000	OK
180 minute summer	S25	100	184.115	0.145	25.3	0.1999	0.0000	OK
180 minute summer	S26	96	185.413	0.036	2.9	0.0537	0.0000	OK
180 minute summer	FC1	104	188.764	0.514	1.1	0.6635	0.0000	SURCHARGED
180 minute summer	FC2	104	188.665	0.515	1.1	0.6644	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S16	32.015	J38	24.8	1.027	0.078	0.0569	
180 minute summer	S17	23.001	J20	3.3	0.748	0.551	0.0312	
180 minute summer	S18	23.006	J24	8.3	0.484	0.259	0.0385	
180 minute summer	S19	23.010	J27	13.0	0.648	0.434	0.3127	
180 minute summer	S20	48.001	J41	0.8	0.513	0.132	0.0071	
180 minute summer	S21	48.004	J43	4.0	0.514	0.301	0.0399	
180 minute summer	S22	48.008	J46	8.2	0.403	0.262	0.0513	
180 minute summer	S23	48.011	J48	11.8	0.499	0.382	0.0269	
180 minute summer	S24	48.018	J56	22.4	0.595	0.419	0.1599	
180 minute summer	S25	48.021	BASIN 4	25.3	0.841	0.476	0.1161	
180 minute summer	S26	65.001	J54	2.9	0.790	0.282	0.0319	
180 minute summer	FC1	2.000	J1	0.7	0.351	0.114	0.0151	
180 minute summer	FC1	Infiltration		0.0				0.0
180 minute summer	FC2	3.000	J2	0.7	0.497	0.119	0.0079	
180 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC3	108	188.830	0.630	1.5	1.0994	0.0000	SURCHARGED
180 minute summer	FC4	104	188.535	0.335	0.8	0.4189	0.0000	SURCHARGED
180 minute summer	FC5	104	188.515	0.515	1.1	0.6648	0.0000	SURCHARGED
180 minute summer	FC6	104	188.184	0.334	0.8	0.4176	0.0000	SURCHARGED
180 minute summer	FC7	104	188.085	0.335	0.8	0.4193	0.0000	SURCHARGED
180 minute summer	FC8	104	188.261	0.511	1.1	0.6599	0.0000	SURCHARGED
180 minute summer	FC9	104	187.807	0.337	0.8	0.4211	0.0000	SURCHARGED
180 minute summer	FC10	108	188.102	0.632	1.5	1.0977	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
180 minute summer	FC3	Infiltration		0.0				0.0
180 minute summer	FC4	5.000	J4	0.6	0.554	0.076	0.0075	
180 minute summer	FC4	Infiltration		0.0				0.0
180 minute summer	FC5	6.000	J5	0.7	0.496	0.119	0.0059	
180 minute summer	FC5	Infiltration		0.0				0.0
180 minute summer	FC6	7.000	J6	0.6	0.617	0.066	0.0068	
180 minute summer	FC6	Infiltration		0.0				0.0
180 minute summer	FC7	8.000	J7	0.6	0.536	0.080	0.0077	
180 minute summer	FC7	Infiltration		0.0				0.0
180 minute summer	FC8	9.000	J8	0.7	0.697	0.074	0.0043	
180 minute summer	FC8	Infiltration		0.0				0.0
180 minute summer	FC9	10.000	J9	0.6	0.473	0.096	0.0087	
180 minute summer	FC9	Infiltration		0.0				0.0
180 minute summer	FC10	11.000	J10	0.8	0.558	0.119	0.0088	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC11	104	187.835	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC12	104	187.745	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC13	104	187.515	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC14	120	187.028	0.128	1.1	1.6362	0.0000	SURCHARGED
180 minute summer	FC15	104	187.531	0.331	0.8	0.4135	0.0000	SURCHARGED
180 minute summer	FC16	104	187.236	0.336	0.8	0.4204	0.0000	SURCHARGED
180 minute summer	FC17	104	187.332	0.332	0.8	0.4152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC10	Infiltration		0.0				0.0
180 minute summer	FC11	12.000	J11	0.7	0.501	0.120	0.0110	
180 minute summer	FC11	Infiltration		0.0				0.0
180 minute summer	FC12	13.000	S2	0.7	0.500	0.120	0.0097	
180 minute summer	FC12	Infiltration		0.0				0.0
180 minute summer	FC13	14.000	J12	0.7	0.501	0.119	0.0097	
180 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.3	0.407	0.057	0.0063	
180 minute summer	FC14	Infiltration		0.0				0.0
180 minute summer	FC15	16.000	J14	0.6	0.998	0.033	0.0027	
180 minute summer	FC15	Infiltration		0.0				0.0
180 minute summer	FC16	17.000	J15	0.6	0.494	0.090	0.0088	
180 minute summer	FC16	Infiltration		0.0				0.0
180 minute summer	FC17	18.000	J16	0.6	0.782	0.047	0.0035	
180 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC18	104	186.887	0.337	0.8	0.4211	0.0000	SURCHARGED
180 minute summer	FC19	104	186.915	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC20	104	187.458	0.508	1.1	0.6564	0.0000	SURCHARGED
180 minute summer	FC21	104	186.815	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC22	116	186.558	0.108	0.8	1.0445	0.0000	SURCHARGED
180 minute summer	FC23	104	186.632	0.332	0.8	0.4147	0.0000	SURCHARGED
180 minute summer	FC24	104	186.809	0.509	1.1	0.6572	0.0000	SURCHARGED
180 minute summer	FC25	104	187.058	0.508	1.1	0.6564	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC18	19.000	J17	0.6	0.470	0.096	0.0085	
180 minute summer	FC18	Infiltration		0.0				0.0
180 minute summer	FC19	20.000	S3	0.7	0.499	0.120	0.0094	
180 minute summer	FC19	Infiltration		0.0				0.0
180 minute summer	FC20	21.000	J18	0.7	1.007	0.044	0.0031	
180 minute summer	FC20	Infiltration		0.0				0.0
180 minute summer	FC21	22.000	J19	0.7	0.500	0.120	0.0108	
180 minute summer	FC21	Infiltration		0.0				0.0
180 minute summer	FC22	23.000	S17	0.3	0.439	0.021	0.0117	
180 minute summer	FC22	Infiltration		0.0				0.0
180 minute summer	FC23	24.000	J20	0.6	0.828	0.043	0.0032	
180 minute summer	FC23	Infiltration		0.0				0.0
180 minute summer	FC24	25.000	J21	0.7	0.910	0.051	0.0036	
180 minute summer	FC24	Infiltration		0.0				0.0
180 minute summer	FC25	26.000	J22	0.7	1.000	0.045	0.0034	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC26	116	186.555	0.105	0.8	1.0604	0.0000	SURCHARGED
180 minute summer	FC27	104	186.830	0.330	0.8	0.4129	0.0000	SURCHARGED
180 minute summer	FC28	104	187.008	0.508	1.1	0.6564	0.0000	SURCHARGED
180 minute summer	FC29	104	187.009	0.509	1.1	0.6566	0.0000	SURCHARGED
180 minute summer	FC30	104	187.259	0.509	1.1	0.6569	0.0000	SURCHARGED
180 minute summer	FC31	104	186.783	0.333	0.8	0.4170	0.0000	SURCHARGED
180 minute summer	FC32	104	186.782	0.332	0.8	0.4148	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC25	Infiltration		0.0				0.0
180 minute summer	FC26	27.000	J23	0.3	0.692	0.023	0.0021	
180 minute summer	FC26	Infiltration		0.0				0.0
180 minute summer	FC27	28.000	J24	0.6	1.162	0.027	0.0022	
180 minute summer	FC27	Infiltration		0.0				0.0
180 minute summer	FC28	29.000	J25	0.7	1.005	0.044	0.0031	
180 minute summer	FC28	Infiltration		0.0				0.0
180 minute summer	FC29	30.000	J26	0.7	0.978	0.046	0.0034	
180 minute summer	FC29	Infiltration		0.0				0.0
180 minute summer	FC30	31.000	J27	0.7	0.939	0.049	0.0033	
180 minute summer	FC30	Infiltration		0.0				0.0
180 minute summer	FC31	33.000	J28	0.6	0.318	0.063	0.0117	
180 minute summer	FC31	Infiltration		0.0				0.0
180 minute summer	FC32	34.000	J29	0.6	0.273	0.045	0.0126	
180 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC33	104	186.959	0.509	1.1	0.6568	0.0000	SURCHARGED
180 minute summer	FC34	104	186.965	0.515	1.1	0.6643	0.0000	SURCHARGED
180 minute summer	FC35	104	186.959	0.509	1.1	0.6570	0.0000	SURCHARGED
180 minute summer	FC36	104	186.959	0.509	1.1	0.6566	0.0000	SURCHARGED
180 minute summer	FC37	108	186.433	0.633	1.5	1.0927	0.0000	SURCHARGED
180 minute summer	FC38	116	185.544	0.094	0.8	1.1298	0.0000	OK
180 minute summer	FC39	104	185.781	0.331	0.8	0.4143	0.0000	SURCHARGED
180 minute summer	FC40	104	186.008	0.508	1.1	0.6555	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC33	35.000	S12	0.7	0.900	0.050	0.0080	
180 minute summer	FC33	Infiltration		0.0				0.0
180 minute summer	FC34	36.000	J30	0.7	0.513	0.115	0.0066	
180 minute summer	FC34	Infiltration		0.0				0.0
180 minute summer	FC35	37.000	J31	0.7	0.929	0.050	0.0039	
180 minute summer	FC35	Infiltration		0.0				0.0
180 minute summer	FC36	38.000	J32	0.7	0.974	0.047	0.0037	
180 minute summer	FC36	Infiltration		0.0				0.0
180 minute summer	FC37	39.000	J33	0.8	0.687	0.089	0.0076	
180 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.3	0.653	0.023	0.0021	
180 minute summer	FC38	Infiltration		0.0				0.0
180 minute summer	FC39	41.000	J35	0.6	0.878	0.039	0.0029	
180 minute summer	FC39	Infiltration		0.0				0.0
180 minute summer	FC40	42.000	J36	0.7	1.145	0.037	0.0031	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC41	104	185.361	0.511	1.1	0.6591	0.0000	SURCHARGED
180 minute summer	FC42	104	185.112	0.512	1.1	0.6607	0.0000	SURCHARGED
180 minute summer	FC43	104	185.111	0.511	1.1	0.6592	0.0000	SURCHARGED
180 minute summer	FC44	96	184.619	0.019	0.8	0.0241	0.0000	OK
180 minute summer	FC45	104	184.932	0.332	0.8	0.4148	0.0000	SURCHARGED
180 minute summer	FC46	108	185.332	0.632	1.5	1.0997	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	104	185.309	0.509	1.1	0.6568	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC40	Infiltration		0.0				0.0
180 minute summer	FC41	43.000	J37	0.7	0.746	0.068	0.0048	
180 minute summer	FC41	Infiltration		0.0				0.0
180 minute summer	FC42	44.000	J38	0.7	0.650	0.082	0.0054	
180 minute summer	FC42	Infiltration		0.0				0.0
180 minute summer	FC43	45.000	J39	0.7	0.737	0.068	0.0042	
180 minute summer	FC43	Infiltration		0.0				0.0
180 minute summer	FC44	46.000	J40	0.8	0.779	0.075	0.0045	
180 minute summer	FC44	Infiltration		0.0				0.0
180 minute summer	FC45	47.000	S10	0.6	0.817	0.044	0.0032	
180 minute summer	FC45	Infiltration		0.0				0.0
180 minute summer	FC46	48.000	S20	0.8	0.503	0.133	0.0094	
180 minute summer	FC46	Infiltration		0.0				0.0
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
180 minute summer	FC48	50.000	J42	0.7	0.478	0.051	0.0081	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC49	104	185.315	0.515	1.1	0.6648	0.0000	SURCHARGED
180 minute summer	FC50	104	185.315	0.515	1.1	0.6648	0.0000	SURCHARGED
180 minute summer	FC51	104	185.365	0.515	1.1	0.6646	0.0000	SURCHARGED
180 minute summer	FC52	104	185.761	0.511	1.1	0.6594	0.0000	SURCHARGED
180 minute summer	FC53	104	185.761	0.511	1.1	0.6602	0.0000	SURCHARGED
180 minute summer	FC54	104	185.583	0.333	0.8	0.4161	0.0000	SURCHARGED
180 minute summer	FC55	104	185.581	0.331	0.8	0.4142	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC48	Infiltration		0.0				0.0
180 minute summer	FC49	51.000	S21	0.7	0.496	0.120	0.0062	
180 minute summer	FC49	Infiltration		0.0				0.0
180 minute summer	FC50	52.000	J43	0.7	0.497	0.120	0.0067	
180 minute summer	FC50	Infiltration		0.0				0.0
180 minute summer	FC51	55.000	S22	0.7	0.500	0.120	0.0087	
180 minute summer	FC51	Infiltration		0.0				0.0
180 minute summer	FC52	58.000	S23	0.7	0.726	0.070	0.0053	
180 minute summer	FC52	Infiltration		0.0				0.0
180 minute summer	FC53	61.000	J50	0.7	0.682	0.076	0.0044	
180 minute summer	FC53	Infiltration		0.0				0.0
180 minute summer	FC54	62.000	J51	0.6	0.712	0.053	0.0032	
180 minute summer	FC54	Infiltration		0.0				0.0
180 minute summer	FC55	64.000	J53	0.6	0.898	0.038	0.0026	
180 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC56	104	185.681	0.331	0.8	0.4139	0.0000	SURCHARGED
180 minute summer	FC57	104	185.681	0.331	0.8	0.4144	0.0000	SURCHARGED
180 minute summer	FC58	104	185.682	0.331	0.8	0.4146	0.0000	SURCHARGED
180 minute summer	FC59	104	185.682	0.332	0.8	0.4153	0.0000	SURCHARGED
180 minute summer	FC60	104	185.860	0.510	1.1	0.6581	0.0000	SURCHARGED
180 minute summer	FC61	104	185.812	0.512	1.1	0.6606	0.0000	SURCHARGED
180 minute summer	FC62	108	185.881	0.631	1.5	1.0956	0.0000	SURCHARGED
180 minute summer	FC63	104	185.736	0.336	0.8	0.4207	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC56	53.000	J44	0.6	0.927	0.037	0.0040	
180 minute summer	FC56	Infiltration		0.0				0.0
180 minute summer	FC57	54.000	J45	0.6	0.869	0.040	0.0042	
180 minute summer	FC57	Infiltration		0.0				0.0
180 minute summer	FC58	56.000	J46	0.6	0.836	0.043	0.0042	
180 minute summer	FC58	Infiltration		0.0				0.0
180 minute summer	FC59	57.000	J47	0.6	0.775	0.047	0.0047	
180 minute summer	FC59	Infiltration		0.0				0.0
180 minute summer	FC60	59.000	J48	0.7	0.817	0.060	0.0057	
180 minute summer	FC60	Infiltration		0.0				0.0
180 minute summer	FC61	60.000	J49	0.7	0.655	0.082	0.0080	
180 minute summer	FC61	Infiltration		0.0				0.0
180 minute summer	FC62	63.000	J52	0.8	0.622	0.103	0.0119	
180 minute summer	FC62	Infiltration		0.0				0.0
180 minute summer	FC63	65.000	S26	0.6	0.378	0.096	0.0044	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC64	104	185.497	0.347	0.8	0.4344	0.0000	SURCHARGED
180 minute summer	FC65	104	185.661	0.511	1.1	0.6593	0.0000	SURCHARGED
180 minute summer	FC66	104	185.514	0.514	1.1	0.6632	0.0000	SURCHARGED
180 minute summer	FC67	116	184.905	0.105	0.8	1.0836	0.0000	SURCHARGED
180 minute summer	FC68	104	184.884	0.334	0.8	0.4178	0.0000	SURCHARGED
180 minute summer	J1	96	188.262	0.062	5.0	0.0914	0.0000	OK
180 minute summer	J2	96	188.138	0.082	5.7	0.0931	0.0000	OK
180 minute summer	J3	96	188.123	0.073	6.5	0.0829	0.0000	OK
180 minute summer	J4	96	188.091	0.052	7.0	0.0586	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC63	Infiltration		0.0				0.0
180 minute summer	FC64	66.000	J54	0.6	0.248	0.099	0.0085	
180 minute summer	FC64	Infiltration		0.0				0.0
180 minute summer	FC65	67.000	J55	0.7	0.344	0.073	0.0059	
180 minute summer	FC65	Infiltration		0.0				0.0
180 minute summer	FC66	68.000	S24	0.7	0.558	0.098	0.0027	
180 minute summer	FC66	Infiltration		0.0				0.0
180 minute summer	FC67	69.000	J56	0.3	0.383	0.051	0.0017	
180 minute summer	FC67	Infiltration		0.0				0.0
180 minute summer	FC68	70.000	J57	0.6	0.616	0.063	0.0021	
180 minute summer	FC68	Infiltration		0.0				0.0
180 minute summer	J1	1.001	J2	5.0	1.044	0.607	0.0242	
180 minute summer	J2	1.002	J3	5.7	0.615	0.422	0.0096	
180 minute summer	J3	1.003	J4	6.4	0.928	0.485	0.0136	
180 minute summer	J4	1.004	J5	7.0	1.393	0.204	0.0177	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J5	96	187.956	0.046	7.6	0.0524	0.0000	OK
180 minute summer	J6	96	187.717	0.067	8.1	0.0752	0.0000	OK
180 minute summer	J7	96	187.603	0.078	8.6	0.0884	0.0000	OK
180 minute summer	J8	96	187.570	0.049	9.3	0.0553	0.0000	OK
180 minute summer	J9	100	187.358	0.083	9.8	0.0935	0.0000	OK
180 minute summer	J10	100	187.319	0.049	10.6	0.0552	0.0000	OK
180 minute summer	J11	100	187.191	0.070	11.3	0.0787	0.0000	OK
180 minute summer	J12	96	186.896	0.087	17.3	0.0983	0.0000	OK
180 minute summer	J13	96	186.763	0.136	17.5	0.1539	0.0000	OK
180 minute summer	J14	96	186.749	0.127	18.1	0.1434	0.0000	OK
180 minute summer	J15	96	186.729	0.112	18.5	0.1264	0.0000	OK
180 minute summer	J16	96	186.692	0.087	19.0	0.0982	0.0000	OK
180 minute summer	J17	96	186.347	0.064	19.5	0.0726	0.0000	OK
180 minute summer	J18	96	186.213	0.088	22.9	0.0990	0.0000	OK
180 minute summer	J19	100	186.165	0.138	23.5	0.1562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J5	1.005	J6	7.6	1.256	0.199	0.0345	
180 minute summer	J6	1.006	J7	8.1	1.216	0.285	0.0131	
180 minute summer	J7	1.007	J8	8.6	0.947	0.281	0.0105	
180 minute summer	J8	1.008	J9	9.3	0.962	0.104	0.0826	
180 minute summer	J9	1.009	J10	9.8	1.017	0.293	0.0117	
180 minute summer	J10	1.010	J11	10.6	1.286	0.082	0.0205	
180 minute summer	J11	1.011	S2	11.3	0.696	0.175	0.0886	
180 minute summer	J12	1.013	J13	17.3	1.317	0.258	0.0848	
180 minute summer	J13	1.014	J14	17.5	0.591	0.309	0.0563	
180 minute summer	J14	1.015	J15	18.0	0.691	0.320	0.0500	
180 minute summer	J15	1.016	J16	18.5	0.910	0.347	0.1046	
180 minute summer	J16	1.017	J17	19.0	1.259	0.133	0.0508	
180 minute summer	J17	1.018	S3	19.5	1.070	0.063	0.0352	
180 minute summer	J18	1.020	J19	22.8	0.943	0.080	0.0363	
180 minute summer	J19	1.021	S4	23.5	0.824	0.426	0.1254	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J20	96	186.093	0.062	3.8	0.0698	0.0000	OK
180 minute summer	J21	96	186.072	0.063	4.4	0.0716	0.0000	OK
180 minute summer	J22	96	186.035	0.072	5.1	0.0819	0.0000	OK
180 minute summer	J23	96	186.012	0.070	5.3	0.0789	0.0000	OK
180 minute summer	J24	184	185.938	0.121	8.8	0.1371	0.0000	OK
180 minute summer	J25	184	185.938	0.142	9.4	0.1609	0.0000	OK
180 minute summer	J26	184	185.938	0.159	10.1	0.1801	0.0000	OK
180 minute summer	J27	184	185.938	0.202	13.6	0.2287	0.0000	OK
180 minute summer	J28	96	186.414	0.057	3.4	0.0650	0.0000	OK
180 minute summer	J29	96	186.336	0.065	3.9	0.0735	0.0000	OK
180 minute summer	J30	96	186.240	0.093	8.1	0.1050	0.0000	OK
180 minute summer	J31	96	186.132	0.088	8.7	0.0996	0.0000	OK
180 minute summer	J32	96	186.093	0.082	9.4	0.0928	0.0000	OK
180 minute summer	J33	96	185.589	0.054	13.0	0.0606	0.0000	OK
180 minute summer	J34	96	185.230	0.105	16.5	0.1192	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J20	23.002	J21	3.8	0.545	0.280	0.0262	
180 minute summer	J21	23.003	J22	4.4	0.572	0.330	0.0620	
180 minute summer	J22	23.004	J23	5.1	0.615	0.374	0.0295	
180 minute summer	J23	23.005	S18	5.3	0.689	0.396	0.0577	
180 minute summer	J24	23.007	J25	8.8	0.494	0.292	0.1491	
180 minute summer	J25	23.008	J26	9.4	0.489	0.311	0.1402	
180 minute summer	J26	23.009	S19	10.0	0.506	0.328	0.1161	
180 minute summer	J27	23.011	S4	13.6	0.759	0.456	0.0912	
180 minute summer	J28	32.001	J29	3.4	0.681	0.577	0.0443	
180 minute summer	J29	32.002	S12	3.9	0.770	0.663	0.0238	
180 minute summer	J30	32.004	J31	8.1	0.756	0.610	0.0533	
180 minute summer	J31	32.005	J32	8.7	0.636	0.290	0.1338	
180 minute summer	J32	32.006	S13	9.4	0.910	0.311	0.0550	
180 minute summer	J33	32.008	S14	13.0	1.059	0.125	0.1134	
180 minute summer	J34	32.010	J35	16.5	1.146	0.428	0.1306	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J35	96	185.146	0.071	17.0	0.0803	0.0000	OK
180 minute summer	J36	96	184.986	0.111	17.7	0.1259	0.0000	OK
180 minute summer	J37	96	184.614	0.114	21.6	0.1287	0.0000	OK
180 minute summer	J38	96	184.454	0.154	25.5	0.1745	0.0000	OK
180 minute summer	J39	96	184.414	0.140	26.1	0.1586	0.0000	OK
180 minute summer	J40	96	184.381	0.116	26.8	0.1313	0.0000	OK
180 minute summer	J41	108	184.622	0.025	0.8	0.0278	0.0000	OK
180 minute summer	J42	104	184.573	0.036	1.5	0.0402	0.0000	OK
180 minute summer	J43	96	184.453	0.073	4.7	0.0828	0.0000	OK
180 minute summer	J44	100	184.439	0.069	5.2	0.0783	0.0000	OK
180 minute summer	J45	100	184.396	0.076	5.7	0.0862	0.0000	OK
180 minute summer	J46	100	184.342	0.120	8.8	0.1358	0.0000	OK
180 minute summer	J47	100	184.336	0.129	9.3	0.1464	0.0000	OK
180 minute summer	J48	100	184.323	0.129	12.4	0.1455	0.0000	OK
180 minute summer	J49	100	184.310	0.141	13.1	0.1593	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J35	32.011	J36	17.0	1.130	0.191	0.1041	
180 minute summer	J36	32.012	S15	17.7	1.105	0.589	0.0379	
180 minute summer	J37	32.014	S16	21.6	1.170	0.391	0.0965	
180 minute summer	J38	32.016	J39	25.4	0.740	0.471	0.3722	
180 minute summer	J39	32.017	J40	26.0	0.907	0.476	0.1050	
180 minute summer	J40	32.018	S10	26.8	1.137	0.269	0.2257	
180 minute summer	J41	48.002	J42	0.8	0.414	0.133	0.0124	
180 minute summer	J42	48.003	S21	1.5	0.615	0.254	0.0199	
180 minute summer	J43	48.005	J44	4.6	0.564	0.332	0.0132	
180 minute summer	J44	48.006	J45	5.2	0.612	0.387	0.0742	
180 minute summer	J45	48.007	S22	5.7	0.687	0.422	0.0199	
180 minute summer	J46	48.009	J47	8.7	0.391	0.283	0.0952	
180 minute summer	J47	48.010	S23	9.3	0.387	0.309	0.0635	
180 minute summer	J48	48.012	J49	12.4	0.507	0.416	0.1847	
180 minute summer	J49	48.013	J50	13.1	0.517	0.429	0.0290	

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J50	100	184.300	0.135	13.8	0.1531	0.0000	OK
180 minute summer	J51	100	184.286	0.138	14.4	0.1560	0.0000	OK
180 minute summer	J52	100	184.273	0.129	15.2	0.1454	0.0000	OK
180 minute summer	J53	100	184.248	0.120	15.8	0.1363	0.0000	OK
180 minute summer	J54	96	185.189	0.060	3.4	0.0680	0.0000	OK
180 minute summer	J55	96	185.149	0.055	4.1	0.0625	0.0000	OK
180 minute summer	J56	100	184.162	0.155	22.7	0.1755	0.0000	OK
180 minute summer	J57	100	184.139	0.154	23.3	0.1740	0.0000	OK
180 minute summer	BASIN 1	188	185.938	1.013	40.6	123.3701	0.0000	SURCHARGED
180 minute summer	BASIN 2	408	184.845	0.545	3.6	55.0345	0.0000	OK
180 minute summer	BASIN 3	420	182.961	-0.139	34.9	133.6079	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J50	48.014	J51	13.8	0.549	0.463	0.1280	
180 minute summer	J51	48.015	J52	14.4	0.589	0.470	0.0278	
180 minute summer	J52	48.016	J53	15.2	0.675	0.499	0.1098	
180 minute summer	J53	48.017	S24	15.8	0.800	0.523	0.2023	
180 minute summer	J54	65.002	J55	3.4	0.731	0.578	0.0170	
180 minute summer	J55	65.003	S24	4.1	0.949	0.532	0.0335	
180 minute summer	J56	48.019	J57	22.7	0.621	0.419	0.3322	
180 minute summer	J57	48.020	S25	23.3	0.667	0.427	0.2138	
180 minute summer	BASIN 1	1.023	S5	3.5	0.217	0.042	0.9418	
180 minute summer	BASIN 1	Infiltration		0.1				2.4
180 minute summer	BASIN 2	1.027	S7	2.9	0.523	0.035	0.1235	
180 minute summer	BASIN 2	71.000	BH1	1.3	0.563	0.227	0.1829	
180 minute summer	BASIN 2	Infiltration		0.0				0.0
180 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	BASIN 4	224	183.698	0.368	28.9	107.6144	0.0000	SURCHARGED
180 minute summer	SWALE 1	188	184.927	0.053	3.5	0.0756	0.0000	OK
180 minute summer	SWALE 2	408	184.423	0.048	2.9	0.0686	0.0000	OK
180 minute summer	SWALE 3	96	184.123	0.128	30.5	0.1836	0.0000	OK
180 minute summer	BH1	408	184.845	0.768	1.3	3.0275	0.0000	OK
180 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute summer	BH3	224	183.698	0.379	1.8	3.3734	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	BASIN 4	48.022	BH3	1.8	0.487	0.033	0.3211	
180 minute summer	BASIN 4	Infiltration		0.0				0.0
180 minute summer	SWALE 1	1.025	S6	3.5	0.380	0.042	0.3443	
180 minute summer	SWALE 2	1.029	S8	2.9	0.501	0.035	0.1519	
180 minute summer	SWALE 3	1.033	BASIN 3	30.3	0.933	0.242	1.4034	
180 minute summer	BH1	Infiltration		0.1				2.0
180 minute summer	BH2	Infiltration		0.0				0.0
180 minute summer	BH3	Infiltration		0.2				4.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.398	0.028	1.5	0.0413	0.0000	OK
180 minute winter	S2	100	187.148	0.109	12.9	0.1888	0.0000	OK
180 minute winter	S3	100	186.242	0.105	17.5	0.1395	0.0000	OK
180 minute winter	S4	184	185.936	0.558	30.4	0.7149	0.0000	SURCHARGED
180 minute winter	S5	184	185.936	1.026	3.5	1.4676	0.0000	SURCHARGED
180 minute winter	S6	184	184.859	0.051	3.5	0.0723	0.0000	OK
180 minute winter	S7	408	184.785	0.026	2.9	0.0370	0.0000	OK
180 minute winter	S8	408	184.358	0.028	2.9	0.0396	0.0000	OK
180 minute winter	S9	96	184.190	0.065	2.9	0.0936	0.0000	OK
180 minute winter	S10	96	184.190	0.077	22.7	0.1409	0.0000	OK
180 minute winter	S11	96	186.443	0.043	2.0	0.0678	0.0000	OK
180 minute winter	S12	96	186.251	0.075	5.4	0.1108	0.0000	OK
180 minute winter	S13	96	186.041	0.048	9.1	0.0715	0.0000	OK
180 minute winter	S14	96	185.261	0.086	12.1	0.1354	0.0000	OK
180 minute winter	S15	96	184.934	0.067	15.5	0.1052	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S1	1.000	J1	1.5	0.540	0.172	0.0233	
180 minute winter	S2	1.012	J12	12.9	0.745	0.431	0.0258	
180 minute winter	S3	1.019	J18	17.5	0.996	0.328	0.0905	
180 minute winter	S4	1.022	BASIN 1	30.2	1.112	0.181	1.1778	
180 minute winter	S5	1.024	SWALE 1	3.5	0.369	0.041	0.1905	
180 minute winter	S6	1.026	BASIN 2	3.5	0.455	0.040	0.0478	
180 minute winter	S7	1.028	SWALE 2	2.9	0.519	0.009	0.0954	
180 minute winter	S8	1.030	S9	2.9	0.547	0.011	0.0772	
180 minute winter	S9	1.031	S10	2.9	0.580	0.034	0.0976	
180 minute winter	S10	1.032	SWALE 3	22.6	1.058	0.069	0.0940	
180 minute winter	S11	32.000	J28	2.0	0.591	0.336	0.0154	
180 minute winter	S12	32.003	J30	5.4	0.606	0.405	0.0454	
180 minute winter	S13	32.007	J33	9.1	1.506	0.092	0.0782	
180 minute winter	S14	32.009	J34	12.0	0.840	0.237	0.0752	
180 minute winter	S15	32.013	J37	15.5	1.654	0.168	0.0877	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	96	184.544	0.057	18.4	0.0869	0.0000	OK
180 minute winter	S17	96	186.196	0.046	2.4	0.0732	0.0000	OK
180 minute winter	S18	184	185.936	0.112	6.2	0.1650	0.0000	OK
180 minute winter	S19	184	185.936	0.170	9.8	0.2445	0.0000	OK
180 minute winter	S20	108	184.667	0.025	0.8	0.0286	0.0000	OK
180 minute winter	S21	96	184.464	0.055	3.2	0.0730	0.0000	OK
180 minute winter	S22	100	184.328	0.097	6.5	0.1255	0.0000	OK
180 minute winter	S23	100	184.311	0.113	9.3	0.1461	0.0000	OK
180 minute winter	S24	100	184.157	0.140	17.9	0.1847	0.0000	OK
180 minute winter	S25	100	184.098	0.128	20.1	0.1767	0.0000	OK
180 minute winter	S26	100	185.407	0.030	2.0	0.0445	0.0000	OK
180 minute winter	FC1	108	188.628	0.378	0.7	0.4881	0.0000	SURCHARGED
180 minute winter	FC2	108	188.529	0.379	0.7	0.4894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S16	32.015	J38	18.4	0.982	0.058	0.0445	
180 minute winter	S17	23.001	J20	2.3	0.691	0.396	0.0243	
180 minute winter	S18	23.006	J24	6.2	0.463	0.195	0.0374	
180 minute winter	S19	23.010	J27	9.8	0.602	0.328	0.3089	
180 minute winter	S20	48.001	J41	0.8	0.511	0.130	0.0070	
180 minute winter	S21	48.004	J43	3.2	0.490	0.239	0.0333	
180 minute winter	S22	48.008	J46	6.5	0.397	0.208	0.0407	
180 minute winter	S23	48.011	J48	9.3	0.480	0.302	0.0219	
180 minute winter	S24	48.018	J56	17.9	0.566	0.334	0.1340	
180 minute winter	S25	48.021	BASIN 4	20.1	0.785	0.378	0.0988	
180 minute winter	S26	65.001	J54	2.0	0.711	0.197	0.0248	
180 minute winter	FC1	2.000	J1	0.6	0.309	0.098	0.0120	
180 minute winter	FC1	Infiltration		0.0				0.0
180 minute winter	FC2	3.000	J2	0.6	0.477	0.102	0.0057	
180 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC3	108	188.811	0.610	1.0	0.8247	0.0000	SURCHARGED
180 minute winter	FC4	104	188.421	0.221	0.5	0.2759	0.0000	SURCHARGED
180 minute winter	FC5	108	188.379	0.379	0.7	0.4895	0.0000	SURCHARGED
180 minute winter	FC6	104	188.069	0.219	0.5	0.2745	0.0000	SURCHARGED
180 minute winter	FC7	104	187.971	0.221	0.5	0.2763	0.0000	SURCHARGED
180 minute winter	FC8	108	188.125	0.375	0.7	0.4843	0.0000	SURCHARGED
180 minute winter	FC9	104	187.692	0.222	0.5	0.2781	0.0000	SURCHARGED
180 minute winter	FC10	108	188.080	0.610	1.0	0.8241	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC3	4.000	J3	0.8	0.536	0.124	0.0135	
180 minute winter	FC3	Infiltration		0.0				0.0
180 minute winter	FC4	5.000	J4	0.5	0.519	0.061	0.0064	
180 minute winter	FC4	Infiltration		0.0				0.0
180 minute winter	FC5	6.000	J5	0.6	0.475	0.102	0.0053	
180 minute winter	FC5	Infiltration		0.0				0.0
180 minute winter	FC6	7.000	J6	0.5	0.578	0.052	0.0058	
180 minute winter	FC6	Infiltration		0.0				0.0
180 minute winter	FC7	8.000	J7	0.5	0.502	0.064	0.0066	
180 minute winter	FC7	Infiltration		0.0				0.0
180 minute winter	FC8	9.000	J8	0.6	0.666	0.063	0.0038	
180 minute winter	FC8	Infiltration		0.0				0.0
180 minute winter	FC9	10.000	J9	0.5	0.443	0.077	0.0074	
180 minute winter	FC9	Infiltration		0.0				0.0
180 minute winter	FC10	11.000	J10	0.8	0.555	0.117	0.0087	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC11	108	187.699	0.379	0.7	0.4892	0.0000	SURCHARGED
180 minute winter	FC12	108	187.609	0.379	0.7	0.4892	0.0000	SURCHARGED
180 minute winter	FC13	108	187.379	0.379	0.7	0.4892	0.0000	SURCHARGED
180 minute winter	FC14	124	187.018	0.118	0.7	1.5043	0.0000	SURCHARGED
180 minute winter	FC15	104	187.416	0.216	0.5	0.2703	0.0000	SURCHARGED
180 minute winter	FC16	104	187.122	0.222	0.5	0.2774	0.0000	SURCHARGED
180 minute winter	FC17	104	187.218	0.217	0.5	0.2721	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC10	Infiltration		0.0				0.0
180 minute winter	FC11	12.000	J11	0.6	0.479	0.102	0.0098	
180 minute winter	FC11	Infiltration		0.0				0.0
180 minute winter	FC12	13.000	S2	0.6	0.479	0.102	0.0087	
180 minute winter	FC12	Infiltration		0.0				0.0
180 minute winter	FC13	14.000	J12	0.6	0.480	0.102	0.0086	
180 minute winter	FC13	Infiltration		0.0				0.0
180 minute winter	FC14	15.000	J13	0.3	0.401	0.054	0.0061	
180 minute winter	FC14	Infiltration		0.0				0.0
180 minute winter	FC15	16.000	J14	0.5	0.935	0.026	0.0023	
180 minute winter	FC15	Infiltration		0.0				0.0
180 minute winter	FC16	17.000	J15	0.5	0.463	0.072	0.0075	
180 minute winter	FC16	Infiltration		0.0				0.0
180 minute winter	FC17	18.000	J16	0.5	0.733	0.037	0.0030	
180 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC18	104	186.772	0.222	0.5	0.2781	0.0000	SURCHARGED
180 minute winter	FC19	108	186.779	0.379	0.7	0.4893	0.0000	SURCHARGED
180 minute winter	FC20	108	187.322	0.372	0.7	0.4803	0.0000	SURCHARGED
180 minute winter	FC21	108	186.679	0.379	0.7	0.4892	0.0000	SURCHARGED
180 minute winter	FC22	124	186.546	0.096	0.5	0.9312	0.0000	OK
180 minute winter	FC23	104	186.517	0.217	0.5	0.2716	0.0000	SURCHARGED
180 minute winter	FC24	108	186.673	0.373	0.7	0.4813	0.0000	SURCHARGED
180 minute winter	FC25	108	186.922	0.372	0.7	0.4804	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC18	19.000	J17	0.5	0.441	0.077	0.0072	
180 minute winter	FC18	Infiltration		0.0				0.0
180 minute winter	FC19	20.000	S3	0.6	0.477	0.102	0.0084	
180 minute winter	FC19	Infiltration		0.0				0.0
180 minute winter	FC20	21.000	J18	0.6	0.961	0.038	0.0027	
180 minute winter	FC20	Infiltration		0.0				0.0
180 minute winter	FC21	22.000	J19	0.6	0.479	0.102	0.0096	
180 minute winter	FC21	Infiltration		0.0				0.0
180 minute winter	FC22	23.000	S17	0.3	0.444	0.019	0.0092	
180 minute winter	FC22	Infiltration		0.0				0.0
180 minute winter	FC23	24.000	J20	0.5	0.776	0.034	0.0027	
180 minute winter	FC23	Infiltration		0.0				0.0
180 minute winter	FC24	25.000	J21	0.6	0.868	0.044	0.0032	
180 minute winter	FC24	Infiltration		0.0				0.0
180 minute winter	FC25	26.000	J22	0.6	0.954	0.038	0.0030	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC26	124	186.544	0.094	0.5	0.9485	0.0000	OK
180 minute winter	FC27	104	186.716	0.216	0.5	0.2702	0.0000	SURCHARGED
180 minute winter	FC28	108	186.872	0.372	0.7	0.4804	0.0000	SURCHARGED
180 minute winter	FC29	108	186.872	0.372	0.7	0.4806	0.0000	SURCHARGED
180 minute winter	FC30	108	187.123	0.373	0.7	0.4810	0.0000	SURCHARGED
180 minute winter	FC31	104	186.669	0.219	0.5	0.2739	0.0000	SURCHARGED
180 minute winter	FC32	104	186.667	0.217	0.5	0.2716	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC25	Infiltration		0.0				0.0
180 minute winter	FC26	27.000	J23	0.3	0.679	0.022	0.0020	
180 minute winter	FC26	Infiltration		0.0				0.0
180 minute winter	FC27	28.000	J24	0.5	1.088	0.021	0.0019	
180 minute winter	FC27	Infiltration		0.0				0.0
180 minute winter	FC28	29.000	J25	0.6	0.959	0.038	0.0027	
180 minute winter	FC28	Infiltration		0.0				0.0
180 minute winter	FC29	30.000	J26	0.6	0.933	0.039	0.0031	
180 minute winter	FC29	Infiltration		0.0				0.0
180 minute winter	FC30	31.000	J27	0.6	0.896	0.042	0.0030	
180 minute winter	FC30	Infiltration		0.0				0.0
180 minute winter	FC31	33.000	J28	0.5	0.278	0.050	0.0091	
180 minute winter	FC31	Infiltration		0.0				0.0
180 minute winter	FC32	34.000	J29	0.5	0.242	0.036	0.0099	
180 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC33	108	186.822	0.372	0.7	0.4808	0.0000	SURCHARGED
180 minute winter	FC34	108	186.829	0.379	0.7	0.4889	0.0000	SURCHARGED
180 minute winter	FC35	108	186.823	0.373	0.7	0.4810	0.0000	SURCHARGED
180 minute winter	FC36	108	186.822	0.372	0.7	0.4806	0.0000	SURCHARGED
180 minute winter	FC37	108	186.407	0.607	1.0	0.8206	0.0000	SURCHARGED
180 minute winter	FC38	124	185.535	0.085	0.5	1.0243	0.0000	OK
180 minute winter	FC39	104	185.667	0.217	0.5	0.2711	0.0000	SURCHARGED
180 minute winter	FC40	108	185.871	0.371	0.7	0.4794	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC33	35.000	S12	0.6	0.870	0.043	0.0045	
180 minute winter	FC33	Infiltration		0.0				0.0
180 minute winter	FC34	36.000	J30	0.6	0.491	0.098	0.0059	
180 minute winter	FC34	Infiltration		0.0				0.0
180 minute winter	FC35	37.000	J31	0.6	0.886	0.042	0.0035	
180 minute winter	FC35	Infiltration		0.0				0.0
180 minute winter	FC36	38.000	J32	0.6	0.929	0.040	0.0033	
180 minute winter	FC36	Infiltration		0.0				0.0
180 minute winter	FC37	39.000	J33	0.8	0.683	0.087	0.0074	
180 minute winter	FC37	Infiltration		0.0				0.0
180 minute winter	FC38	40.000	J34	0.3	0.642	0.022	0.0020	
180 minute winter	FC38	Infiltration		0.0				0.0
180 minute winter	FC39	41.000	J35	0.5	0.822	0.032	0.0025	
180 minute winter	FC39	Infiltration		0.0				0.0
180 minute winter	FC40	42.000	J36	0.6	1.091	0.032	0.0028	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC41	108	185.224	0.374	0.7	0.4834	0.0000	SURCHARGED
180 minute winter	FC42	108	184.976	0.376	0.7	0.4852	0.0000	SURCHARGED
180 minute winter	FC43	108	184.975	0.375	0.7	0.4836	0.0000	SURCHARGED
180 minute winter	FC44	92	184.615	0.015	0.5	0.0190	0.0000	OK
180 minute winter	FC45	104	184.817	0.217	0.5	0.2717	0.0000	SURCHARGED
180 minute winter	FC46	108	185.311	0.611	1.0	0.8256	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	108	185.173	0.373	0.7	0.4809	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC40	Infiltration		0.0				0.0
180 minute winter	FC41	43.000	J37	0.6	0.713	0.058	0.0043	
180 minute winter	FC41	Infiltration		0.0				0.0
180 minute winter	FC42	44.000	J38	0.6	0.621	0.070	0.0048	
180 minute winter	FC42	Infiltration		0.0				0.0
180 minute winter	FC43	45.000	J39	0.6	0.705	0.058	0.0037	
180 minute winter	FC43	Infiltration		0.0				0.0
180 minute winter	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
180 minute winter	FC44	Infiltration		0.0				0.0
180 minute winter	FC45	47.000	S10	0.5	0.766	0.035	0.0027	
180 minute winter	FC45	Infiltration		0.0				0.0
180 minute winter	FC46	48.000	S20	0.8	0.501	0.130	0.0093	
180 minute winter	FC46	Infiltration		0.0				0.0
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
180 minute winter	FC48	50.000	J42	0.6	0.483	0.043	0.0076	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC49	108	185.179	0.379	0.7	0.4894	0.0000	SURCHARGED
180 minute winter	FC50	108	185.179	0.379	0.7	0.4894	0.0000	SURCHARGED
180 minute winter	FC51	108	185.229	0.379	0.7	0.4893	0.0000	SURCHARGED
180 minute winter	FC52	108	185.625	0.375	0.7	0.4837	0.0000	SURCHARGED
180 minute winter	FC53	108	185.625	0.375	0.7	0.4846	0.0000	SURCHARGED
180 minute winter	FC54	104	185.468	0.218	0.5	0.2730	0.0000	SURCHARGED
180 minute winter	FC55	104	185.467	0.217	0.5	0.2710	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC48	Infiltration		0.0				0.0
180 minute winter	FC49	51.000	S21	0.6	0.475	0.102	0.0055	
180 minute winter	FC49	Infiltration		0.0				0.0
180 minute winter	FC50	52.000	J43	0.6	0.476	0.102	0.0059	
180 minute winter	FC50	Infiltration		0.0				0.0
180 minute winter	FC51	55.000	S22	0.6	0.478	0.102	0.0078	
180 minute winter	FC51	Infiltration		0.0				0.0
180 minute winter	FC52	58.000	S23	0.6	0.694	0.060	0.0047	
180 minute winter	FC52	Infiltration		0.0				0.0
180 minute winter	FC53	61.000	J50	0.6	0.652	0.065	0.0040	
180 minute winter	FC53	Infiltration		0.0				0.0
180 minute winter	FC54	62.000	J51	0.5	0.667	0.042	0.0027	
180 minute winter	FC54	Infiltration		0.0				0.0
180 minute winter	FC55	64.000	J53	0.5	0.841	0.031	0.0023	
180 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC56	104	185.566	0.216	0.5	0.2707	0.0000	SURCHARGED
180 minute winter	FC57	104	185.567	0.217	0.5	0.2712	0.0000	SURCHARGED
180 minute winter	FC58	104	185.567	0.217	0.5	0.2715	0.0000	SURCHARGED
180 minute winter	FC59	104	185.568	0.218	0.5	0.2721	0.0000	SURCHARGED
180 minute winter	FC60	108	185.724	0.374	0.7	0.4823	0.0000	SURCHARGED
180 minute winter	FC61	108	185.676	0.376	0.7	0.4850	0.0000	SURCHARGED
180 minute winter	FC62	108	185.859	0.609	1.0	0.8221	0.0000	SURCHARGED
180 minute winter	FC63	104	185.622	0.222	0.5	0.2777	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC56	53.000	J44	0.5	0.867	0.029	0.0035	
180 minute winter	FC56	Infiltration		0.0				0.0
180 minute winter	FC57	54.000	J45	0.5	0.814	0.032	0.0036	
180 minute winter	FC57	Infiltration		0.0				0.0
180 minute winter	FC58	56.000	J46	0.5	0.783	0.034	0.0036	
180 minute winter	FC58	Infiltration		0.0				0.0
180 minute winter	FC59	57.000	J47	0.5	0.726	0.038	0.0040	
180 minute winter	FC59	Infiltration		0.0				0.0
180 minute winter	FC60	59.000	J48	0.6	0.781	0.051	0.0051	
180 minute winter	FC60	Infiltration		0.0				0.0
180 minute winter	FC61	60.000	J49	0.6	0.625	0.070	0.0071	
180 minute winter	FC61	Infiltration		0.0				0.0
180 minute winter	FC62	63.000	J52	0.8	0.619	0.101	0.0117	
180 minute winter	FC62	Infiltration		0.0				0.0
180 minute winter	FC63	65.000	S26	0.5	0.340	0.077	0.0036	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC64	104	185.379	0.229	0.5	0.2870	0.0000	SURCHARGED
180 minute winter	FC65	108	185.525	0.375	0.7	0.4837	0.0000	SURCHARGED
180 minute winter	FC66	108	185.378	0.378	0.7	0.4877	0.0000	SURCHARGED
180 minute winter	FC67	124	184.895	0.095	0.5	0.9749	0.0000	OK
180 minute winter	FC68	104	184.770	0.220	0.5	0.2747	0.0000	SURCHARGED
180 minute winter	J1	100	188.250	0.050	3.6	0.0731	0.0000	OK
180 minute winter	J2	100	188.125	0.069	4.2	0.0785	0.0000	OK
180 minute winter	J3	100	188.113	0.063	4.9	0.0712	0.0000	OK
180 minute winter	J4	100	188.084	0.044	5.3	0.0503	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC63	Infiltration		0.0				0.0
180 minute winter	FC64	66.000	J54	0.5	0.223	0.079	0.0062	
180 minute winter	FC64	Infiltration		0.0				0.0
180 minute winter	FC65	67.000	J55	0.6	0.311	0.062	0.0048	
180 minute winter	FC65	Infiltration		0.0				0.0
180 minute winter	FC66	68.000	S24	0.6	0.534	0.084	0.0024	
180 minute winter	FC66	Infiltration		0.0				0.0
180 minute winter	FC67	69.000	J56	0.3	0.377	0.048	0.0016	
180 minute winter	FC67	Infiltration		0.0				0.0
180 minute winter	FC68	70.000	J57	0.5	0.579	0.051	0.0018	
180 minute winter	FC68	Infiltration		0.0				0.0
180 minute winter	J1	1.001	J2	3.6	0.968	0.431	0.0186	
180 minute winter	J2	1.002	J3	4.1	0.554	0.309	0.0078	
180 minute winter	J3	1.003	J4	4.9	0.863	0.368	0.0111	
180 minute winter	J4	1.004	J5	5.3	1.308	0.156	0.0144	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J5	100	187.950	0.040	5.9	0.0454	0.0000	OK
180 minute winter	J6	100	187.707	0.057	6.3	0.0649	0.0000	OK
180 minute winter	J7	100	187.594	0.069	6.8	0.0781	0.0000	OK
180 minute winter	J8	100	187.565	0.044	7.3	0.0493	0.0000	OK
180 minute winter	J9	104	187.348	0.073	7.8	0.0831	0.0000	OK
180 minute winter	J10	104	187.313	0.043	8.6	0.0488	0.0000	OK
180 minute winter	J11	104	187.182	0.061	9.2	0.0691	0.0000	OK
180 minute winter	J12	100	186.884	0.075	13.4	0.0851	0.0000	OK
180 minute winter	J13	100	186.746	0.119	13.7	0.1348	0.0000	OK
180 minute winter	J14	100	186.734	0.112	14.2	0.1261	0.0000	OK
180 minute winter	J15	104	186.716	0.099	14.6	0.1118	0.0000	OK
180 minute winter	J16	104	186.681	0.076	15.1	0.0862	0.0000	OK
180 minute winter	J17	104	186.338	0.055	15.5	0.0618	0.0000	OK
180 minute winter	J18	100	186.199	0.073	18.0	0.0831	0.0000	OK
180 minute winter	J19	104	186.149	0.122	18.6	0.1380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J5	1.005	J6	5.9	1.189	0.154	0.0283	
180 minute winter	J6	1.006	J7	6.3	1.147	0.223	0.0109	
180 minute winter	J7	1.007	J8	6.7	0.882	0.218	0.0089	
180 minute winter	J8	1.008	J9	7.4	0.900	0.083	0.0703	
180 minute winter	J9	1.009	J10	7.8	0.961	0.234	0.0099	
180 minute winter	J10	1.010	J11	8.6	1.243	0.067	0.0171	
180 minute winter	J11	1.011	S2	9.2	0.671	0.143	0.0743	
180 minute winter	J12	1.013	J13	13.4	1.238	0.201	0.0703	
180 minute winter	J13	1.014	J14	13.7	0.550	0.242	0.0473	
180 minute winter	J14	1.015	J15	14.2	0.644	0.251	0.0422	
180 minute winter	J15	1.016	J16	14.6	0.856	0.274	0.0878	
180 minute winter	J16	1.017	J17	15.1	1.189	0.106	0.0426	
180 minute winter	J17	1.018	S3	15.5	1.036	0.050	0.0289	
180 minute winter	J18	1.020	J19	18.0	0.907	0.063	0.0300	
180 minute winter	J19	1.021	S4	18.6	0.769	0.338	0.1065	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J20	96	186.082	0.051	2.8	0.0581	0.0000	OK
180 minute winter	J21	96	186.063	0.053	3.3	0.0605	0.0000	OK
180 minute winter	J22	100	186.025	0.062	3.9	0.0700	0.0000	OK
180 minute winter	J23	100	186.003	0.061	4.1	0.0684	0.0000	OK
180 minute winter	J24	184	185.936	0.119	6.6	0.1342	0.0000	OK
180 minute winter	J25	184	185.936	0.140	7.2	0.1579	0.0000	OK
180 minute winter	J26	184	185.936	0.157	7.8	0.1772	0.0000	OK
180 minute winter	J27	184	185.936	0.200	10.4	0.2258	0.0000	OK
180 minute winter	J28	96	186.402	0.046	2.4	0.0525	0.0000	OK
180 minute winter	J29	96	186.324	0.053	2.9	0.0596	0.0000	OK
180 minute winter	J30	96	186.224	0.077	6.0	0.0868	0.0000	OK
180 minute winter	J31	96	186.119	0.075	6.5	0.0849	0.0000	OK
180 minute winter	J32	96	186.082	0.071	7.1	0.0804	0.0000	OK
180 minute winter	J33	96	185.581	0.046	9.8	0.0525	0.0000	OK
180 minute winter	J34	96	185.215	0.090	12.3	0.1015	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J20	23.002	J21	2.8	0.507	0.206	0.0207	
180 minute winter	J21	23.003	J22	3.3	0.535	0.249	0.0500	
180 minute winter	J22	23.004	J23	3.9	0.577	0.288	0.0243	
180 minute winter	J23	23.005	S18	4.1	0.649	0.310	0.0480	
180 minute winter	J24	23.007	J25	6.6	0.476	0.221	0.1456	
180 minute winter	J25	23.008	J26	7.2	0.470	0.238	0.1375	
180 minute winter	J26	23.009	S19	7.8	0.486	0.254	0.1142	
180 minute winter	J27	23.011	S4	10.4	0.701	0.347	0.0904	
180 minute winter	J28	32.001	J29	2.4	0.628	0.410	0.0341	
180 minute winter	J29	32.002	S12	2.9	0.716	0.482	0.0186	
180 minute winter	J30	32.004	J31	6.0	0.696	0.449	0.0426	
180 minute winter	J31	32.005	J32	6.5	0.583	0.217	0.1087	
180 minute winter	J32	32.006	S13	7.1	0.847	0.235	0.0447	
180 minute winter	J33	32.008	S14	9.8	1.008	0.094	0.0899	
180 minute winter	J34	32.010	J35	12.3	1.069	0.318	0.1042	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J35	96	185.134	0.059	12.7	0.0672	0.0000	OK
180 minute winter	J36	96	184.970	0.095	13.2	0.1077	0.0000	OK
180 minute winter	J37	96	184.598	0.098	16.1	0.1105	0.0000	OK
180 minute winter	J38	96	184.430	0.130	18.9	0.1470	0.0000	OK
180 minute winter	J39	96	184.393	0.119	19.5	0.1343	0.0000	OK
180 minute winter	J40	96	184.363	0.098	20.0	0.1112	0.0000	OK
180 minute winter	J41	112	184.621	0.024	0.8	0.0276	0.0000	OK
180 minute winter	J42	108	184.571	0.034	1.4	0.0384	0.0000	OK
180 minute winter	J43	100	184.444	0.064	3.8	0.0728	0.0000	OK
180 minute winter	J44	100	184.431	0.061	4.2	0.0692	0.0000	OK
180 minute winter	J45	104	184.387	0.067	4.7	0.0762	0.0000	OK
180 minute winter	J46	100	184.322	0.100	7.0	0.1135	0.0000	OK
180 minute winter	J47	100	184.317	0.109	7.4	0.1238	0.0000	OK
180 minute winter	J48	100	184.303	0.109	9.9	0.1232	0.0000	OK
180 minute winter	J49	100	184.291	0.122	10.5	0.1375	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J35	32.011	J36	12.7	1.053	0.143	0.0835	
180 minute winter	J36	32.012	S15	13.2	1.031	0.441	0.0306	
180 minute winter	J37	32.014	S16	16.1	1.121	0.291	0.0757	
180 minute winter	J38	32.016	J39	18.9	0.686	0.350	0.2984	
180 minute winter	J39	32.017	J40	19.5	0.847	0.356	0.0841	
180 minute winter	J40	32.018	S10	19.9	1.054	0.200	0.1811	
180 minute winter	J41	48.002	J42	0.8	0.408	0.130	0.0118	
180 minute winter	J42	48.003	S21	1.4	0.601	0.233	0.0187	
180 minute winter	J43	48.005	J44	3.8	0.539	0.269	0.0112	
180 minute winter	J44	48.006	J45	4.2	0.584	0.315	0.0632	
180 minute winter	J45	48.007	S22	4.7	0.652	0.343	0.0170	
180 minute winter	J46	48.009	J47	7.0	0.386	0.226	0.0764	
180 minute winter	J47	48.010	S23	7.4	0.379	0.246	0.0517	
180 minute winter	J48	48.012	J49	9.9	0.485	0.330	0.1524	
180 minute winter	J49	48.013	J50	10.5	0.491	0.341	0.0242	

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J50	100	184.282	0.117	11.0	0.1321	0.0000	OK
180 minute winter	J51	100	184.268	0.120	11.5	0.1361	0.0000	OK
180 minute winter	J52	104	184.257	0.112	12.2	0.1272	0.0000	OK
180 minute winter	J53	104	184.233	0.106	12.7	0.1201	0.0000	OK
180 minute winter	J54	100	185.178	0.049	2.5	0.0557	0.0000	OK
180 minute winter	J55	100	185.140	0.046	3.1	0.0525	0.0000	OK
180 minute winter	J56	100	184.142	0.135	18.1	0.1529	0.0000	OK
180 minute winter	J57	100	184.120	0.135	18.6	0.1527	0.0000	OK
180 minute winter	BASIN 1	184	185.936	1.011	31.2	122.9899	0.0000	SURCHARGED
180 minute winter	BASIN 2	408	184.845	0.545	3.6	55.0241	0.0000	OK
180 minute winter	BASIN 3	420	182.960	-0.140	25.8	133.4767	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J50	48.014	J51	11.0	0.520	0.369	0.1075	
180 minute winter	J51	48.015	J52	11.5	0.554	0.374	0.0235	
180 minute winter	J52	48.016	J53	12.2	0.639	0.400	0.0932	
180 minute winter	J53	48.017	S24	12.7	0.751	0.420	0.1730	
180 minute winter	J54	65.002	J55	2.5	0.671	0.419	0.0135	
180 minute winter	J55	65.003	S24	3.1	0.888	0.402	0.0270	
180 minute winter	J56	48.019	J57	18.1	0.589	0.334	0.2795	
180 minute winter	J57	48.020	S25	18.5	0.627	0.340	0.1814	
180 minute winter	BASIN 1	1.023	S5	3.5	0.208	0.042	0.9418	
180 minute winter	BASIN 1	Infiltration		0.1				2.4
180 minute winter	BASIN 2	1.027	S7	2.9	0.522	0.035	0.1232	
180 minute winter	BASIN 2	71.000	BH1	1.4	0.570	0.241	0.1829	
180 minute winter	BASIN 2	Infiltration		0.0				0.0
180 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	BASIN 4	220	183.696	0.366	22.5	106.9957	0.0000	SURCHARGED
180 minute winter	SWALE 1	184	184.927	0.053	3.5	0.0755	0.0000	OK
180 minute winter	SWALE 2	408	184.423	0.048	2.9	0.0685	0.0000	OK
180 minute winter	SWALE 3	100	184.105	0.110	22.6	0.1569	0.0000	OK
180 minute winter	BH1	408	184.845	0.767	1.4	3.0272	0.0000	OK
180 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute winter	BH3	220	183.696	0.377	2.1	3.3640	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	BASIN 4	48.022	BH3	2.1	0.492	0.039	0.3211	
180 minute winter	BASIN 4	Infiltration		0.0				0.0
180 minute winter	SWALE 1	1.025	S6	3.5	0.380	0.042	0.3439	
180 minute winter	SWALE 2	1.029	S8	2.9	0.501	0.035	0.1515	
180 minute winter	SWALE 3	1.033	BASIN 3	22.6	0.864	0.181	1.1332	
180 minute winter	BH1	Infiltration		0.1				2.0
180 minute winter	BH2	Infiltration		0.0				0.0
180 minute winter	BH3	Infiltration		0.2				4.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.402	0.032	1.9	0.0466	0.0000	OK
240 minute summer	S2	128	187.156	0.117	14.6	0.2022	0.0000	OK
240 minute summer	S3	128	186.249	0.112	19.7	0.1489	0.0000	OK
240 minute summer	S4	244	185.969	0.591	34.4	0.7571	0.0000	SURCHARGED
240 minute summer	S5	244	185.968	1.058	3.5	1.5145	0.0000	SURCHARGED
240 minute summer	S6	396	184.859	0.051	3.5	0.0736	0.0000	OK
240 minute summer	S7	416	184.786	0.027	3.1	0.0381	0.0000	OK
240 minute summer	S8	420	184.359	0.028	3.1	0.0407	0.0000	OK
240 minute summer	S9	128	184.198	0.073	3.1	0.1040	0.0000	OK
240 minute summer	S10	128	184.198	0.085	26.1	0.1541	0.0000	OK
240 minute summer	S11	124	186.449	0.049	2.5	0.0774	0.0000	OK
240 minute summer	S12	124	186.259	0.083	6.4	0.1228	0.0000	OK
240 minute summer	S13	128	186.044	0.051	10.4	0.0769	0.0000	OK
240 minute summer	S14	128	185.268	0.093	13.8	0.1469	0.0000	OK
240 minute summer	S15	128	184.939	0.072	17.8	0.1136	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S1	1.000	J1	1.9	0.573	0.217	0.0273	
240 minute summer	S2	1.012	J12	14.6	0.773	0.488	0.0282	
240 minute summer	S3	1.019	J18	19.7	1.013	0.369	0.1002	
240 minute summer	S4	1.022	BASIN 1	33.5	1.046	0.200	1.1778	
240 minute summer	S5	1.024	SWALE 1	3.5	0.371	0.042	0.1928	
240 minute summer	S6	1.026	BASIN 2	3.5	0.457	0.041	0.0500	
240 minute summer	S7	1.028	SWALE 2	3.1	0.530	0.010	0.0996	
240 minute summer	S8	1.030	S9	3.1	0.559	0.012	0.0898	
240 minute summer	S9	1.031	S10	3.1	0.593	0.037	0.1121	
240 minute summer	S10	1.032	SWALE 3	26.1	1.088	0.079	0.1055	
240 minute summer	S11	32.000	J28	2.5	0.624	0.417	0.0180	
240 minute summer	S12	32.003	J30	6.3	0.631	0.475	0.0511	
240 minute summer	S13	32.007	J33	10.4	1.568	0.106	0.0865	
240 minute summer	S14	32.009	J34	13.8	0.869	0.272	0.0833	
240 minute summer	S15	32.013	J37	17.8	1.713	0.193	0.0972	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.550	0.063	21.0	0.0958	0.0000	OK
240 minute summer	S17	124	186.201	0.051	2.8	0.0817	0.0000	OK
240 minute summer	S18	244	185.969	0.145	7.1	0.2138	0.0000	OK
240 minute summer	S19	244	185.969	0.203	11.2	0.2919	0.0000	OK
240 minute summer	S20	140	184.667	0.025	0.8	0.0288	0.0000	OK
240 minute summer	S21	128	184.468	0.059	3.5	0.0777	0.0000	OK
240 minute summer	S22	128	184.336	0.105	7.3	0.1364	0.0000	OK
240 minute summer	S23	128	184.320	0.122	10.4	0.1571	0.0000	OK
240 minute summer	S24	128	184.166	0.149	19.8	0.1964	0.0000	OK
240 minute summer	S25	128	184.105	0.135	22.4	0.1868	0.0000	OK
240 minute summer	S26	124	185.410	0.033	2.4	0.0489	0.0000	OK
240 minute summer	FC1	136	188.657	0.407	0.9	0.5249	0.0000	SURCHARGED
240 minute summer	FC2	136	188.558	0.407	0.9	0.5261	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S16	32.015	J38	21.0	1.004	0.066	0.0497	
240 minute summer	S17	23.001	J20	2.8	0.722	0.476	0.0279	
240 minute summer	S18	23.006	J24	7.1	0.475	0.222	0.0508	
240 minute summer	S19	23.010	J27	11.2	0.623	0.375	0.3448	
240 minute summer	S20	48.001	J41	0.8	0.512	0.131	0.0071	
240 minute summer	S21	48.004	J43	3.5	0.501	0.265	0.0361	
240 minute summer	S22	48.008	J46	7.3	0.400	0.232	0.0453	
240 minute summer	S23	48.011	J48	10.4	0.490	0.338	0.0241	
240 minute summer	S24	48.018	J56	19.8	0.579	0.370	0.1451	
240 minute summer	S25	48.021	BASIN 4	22.4	0.810	0.420	0.1063	
240 minute summer	S26	65.001	J54	2.4	0.751	0.235	0.0278	
240 minute summer	FC1	2.000	J1	0.6	0.314	0.101	0.0134	
240 minute summer	FC1	Infiltration		0.0				0.0
240 minute summer	FC2	3.000	J2	0.6	0.482	0.105	0.0064	
240 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC3	140	188.822	0.622	1.2	0.8938	0.0000	SURCHARGED
240 minute summer	FC4	132	188.463	0.263	0.7	0.3295	0.0000	SURCHARGED
240 minute summer	FC5	136	188.408	0.408	0.9	0.5262	0.0000	SURCHARGED
240 minute summer	FC6	132	188.112	0.262	0.7	0.3282	0.0000	SURCHARGED
240 minute summer	FC7	132	188.014	0.264	0.7	0.3299	0.0000	SURCHARGED
240 minute summer	FC8	136	188.154	0.404	0.9	0.5212	0.0000	SURCHARGED
240 minute summer	FC9	132	187.735	0.265	0.7	0.3316	0.0000	SURCHARGED
240 minute summer	FC10	140	188.092	0.622	1.2	0.8929	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC3	4.000	J3	0.8	0.537	0.125	0.0136	
240 minute summer	FC3	Infiltration		0.0				0.0
240 minute summer	FC4	5.000	J4	0.5	0.534	0.067	0.0069	
240 minute summer	FC4	Infiltration		0.0				0.0
240 minute summer	FC5	6.000	J5	0.6	0.480	0.106	0.0054	
240 minute summer	FC5	Infiltration		0.0				0.0
240 minute summer	FC6	7.000	J6	0.5	0.594	0.058	0.0062	
240 minute summer	FC6	Infiltration		0.0				0.0
240 minute summer	FC7	8.000	J7	0.5	0.516	0.071	0.0071	
240 minute summer	FC7	Infiltration		0.0				0.0
240 minute summer	FC8	9.000	J8	0.6	0.673	0.066	0.0039	
240 minute summer	FC8	Infiltration		0.0				0.0
240 minute summer	FC9	10.000	J9	0.5	0.456	0.084	0.0079	
240 minute summer	FC9	Infiltration		0.0				0.0
240 minute summer	FC10	11.000	J10	0.8	0.557	0.118	0.0088	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC11	136	187.727	0.407	0.9	0.5259	0.0000	SURCHARGED
240 minute summer	FC12	136	187.637	0.407	0.9	0.5260	0.0000	SURCHARGED
240 minute summer	FC13	136	187.407	0.407	0.9	0.5259	0.0000	SURCHARGED
240 minute summer	FC14	152	187.019	0.119	0.9	1.5184	0.0000	SURCHARGED
240 minute summer	FC15	132	187.459	0.259	0.7	0.3244	0.0000	SURCHARGED
240 minute summer	FC16	132	187.165	0.265	0.7	0.3310	0.0000	SURCHARGED
240 minute summer	FC17	132	187.261	0.261	0.7	0.3260	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC10	Infiltration		0.0				0.0
240 minute summer	FC11	12.000	J11	0.6	0.484	0.106	0.0100	
240 minute summer	FC11	Infiltration		0.0				0.0
240 minute summer	FC12	13.000	S2	0.6	0.484	0.106	0.0089	
240 minute summer	FC12	Infiltration		0.0				0.0
240 minute summer	FC13	14.000	J12	0.6	0.485	0.106	0.0088	
240 minute summer	FC13	Infiltration		0.0				0.0
240 minute summer	FC14	15.000	J13	0.3	0.402	0.055	0.0061	
240 minute summer	FC14	Infiltration		0.0				0.0
240 minute summer	FC15	16.000	J14	0.5	0.961	0.029	0.0024	
240 minute summer	FC15	Infiltration		0.0				0.0
240 minute summer	FC16	17.000	J15	0.5	0.476	0.079	0.0080	
240 minute summer	FC16	Infiltration		0.0				0.0
240 minute summer	FC17	18.000	J16	0.5	0.753	0.041	0.0032	
240 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC18	132	186.815	0.265	0.7	0.3317	0.0000	SURCHARGED
240 minute summer	FC19	136	186.807	0.407	0.9	0.5260	0.0000	SURCHARGED
240 minute summer	FC20	136	187.351	0.401	0.9	0.5174	0.0000	SURCHARGED
240 minute summer	FC21	136	186.707	0.407	0.9	0.5260	0.0000	SURCHARGED
240 minute summer	FC22	148	186.548	0.098	0.7	0.9493	0.0000	OK
240 minute summer	FC23	132	186.560	0.260	0.7	0.3255	0.0000	SURCHARGED
240 minute summer	FC24	136	186.701	0.401	0.9	0.5182	0.0000	SURCHARGED
240 minute summer	FC25	136	186.951	0.401	0.9	0.5174	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC18	19.000	J17	0.5	0.453	0.085	0.0077	
240 minute summer	FC18	Infiltration		0.0				0.0
240 minute summer	FC19	20.000	S3	0.6	0.483	0.106	0.0086	
240 minute summer	FC19	Infiltration		0.0				0.0
240 minute summer	FC20	21.000	J18	0.6	0.972	0.039	0.0028	
240 minute summer	FC20	Infiltration		0.0				0.0
240 minute summer	FC21	22.000	J19	0.6	0.484	0.106	0.0099	
240 minute summer	FC21	Infiltration		0.0				0.0
240 minute summer	FC22	23.000	S17	0.3	0.395	0.020	0.0105	
240 minute summer	FC22	Infiltration		0.0				0.0
240 minute summer	FC23	24.000	J20	0.5	0.798	0.038	0.0029	
240 minute summer	FC23	Infiltration		0.0				0.0
240 minute summer	FC24	25.000	J21	0.6	0.878	0.045	0.0033	
240 minute summer	FC24	Infiltration		0.0				0.0
240 minute summer	FC25	26.000	J22	0.6	0.965	0.040	0.0031	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC26	148	186.546	0.096	0.7	0.9662	0.0000	OK
240 minute summer	FC27	132	186.759	0.259	0.7	0.3240	0.0000	SURCHARGED
240 minute summer	FC28	136	186.901	0.401	0.9	0.5174	0.0000	SURCHARGED
240 minute summer	FC29	136	186.901	0.401	0.9	0.5176	0.0000	SURCHARGED
240 minute summer	FC30	136	187.151	0.401	0.9	0.5180	0.0000	SURCHARGED
240 minute summer	FC31	132	186.712	0.262	0.7	0.3277	0.0000	SURCHARGED
240 minute summer	FC32	132	186.710	0.260	0.7	0.3256	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC25	Infiltration		0.0				0.0
240 minute summer	FC26	27.000	J23	0.3	0.682	0.022	0.0020	
240 minute summer	FC26	Infiltration		0.0				0.0
240 minute summer	FC27	28.000	J24	0.5	1.119	0.023	0.0040	
240 minute summer	FC27	Infiltration		0.0				0.0
240 minute summer	FC28	29.000	J25	0.6	0.970	0.039	0.0028	
240 minute summer	FC28	Infiltration		0.0				0.0
240 minute summer	FC29	30.000	J26	0.6	0.944	0.041	0.0031	
240 minute summer	FC29	Infiltration		0.0				0.0
240 minute summer	FC30	31.000	J27	0.6	0.906	0.043	0.0031	
240 minute summer	FC30	Infiltration		0.0				0.0
240 minute summer	FC31	33.000	J28	0.5	0.287	0.056	0.0103	
240 minute summer	FC31	Infiltration		0.0				0.0
240 minute summer	FC32	34.000	J29	0.5	0.249	0.040	0.0111	
240 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC33	136	186.851	0.401	0.9	0.5178	0.0000	SURCHARGED
240 minute summer	FC34	136	186.857	0.407	0.9	0.5256	0.0000	SURCHARGED
240 minute summer	FC35	136	186.851	0.401	0.9	0.5180	0.0000	SURCHARGED
240 minute summer	FC36	136	186.851	0.401	0.9	0.5176	0.0000	SURCHARGED
240 minute summer	FC37	140	186.422	0.622	1.2	0.8886	0.0000	SURCHARGED
240 minute summer	FC38	148	185.537	0.087	0.7	1.0412	0.0000	OK
240 minute summer	FC39	132	185.710	0.260	0.7	0.3251	0.0000	SURCHARGED
240 minute summer	FC40	136	185.900	0.400	0.9	0.5165	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC33	35.000	S12	0.6	0.869	0.044	0.0060	
240 minute summer	FC33	Infiltration		0.0				0.0
240 minute summer	FC34	36.000	J30	0.6	0.496	0.101	0.0060	
240 minute summer	FC34	Infiltration		0.0				0.0
240 minute summer	FC35	37.000	J31	0.6	0.897	0.044	0.0036	
240 minute summer	FC35	Infiltration		0.0				0.0
240 minute summer	FC36	38.000	J32	0.6	0.940	0.041	0.0034	
240 minute summer	FC36	Infiltration		0.0				0.0
240 minute summer	FC37	39.000	J33	0.8	0.685	0.088	0.0075	
240 minute summer	FC37	Infiltration		0.0				0.0
240 minute summer	FC38	40.000	J34	0.3	0.644	0.022	0.0020	
240 minute summer	FC38	Infiltration		0.0				0.0
240 minute summer	FC39	41.000	J35	0.5	0.846	0.035	0.0026	
240 minute summer	FC39	Infiltration		0.0				0.0
240 minute summer	FC40	42.000	J36	0.6	1.104	0.033	0.0029	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC41	136	185.253	0.403	0.9	0.5203	0.0000	SURCHARGED
240 minute summer	FC42	136	185.004	0.404	0.9	0.5220	0.0000	SURCHARGED
240 minute summer	FC43	136	185.003	0.403	0.9	0.5205	0.0000	SURCHARGED
240 minute summer	FC44	124	184.618	0.018	0.7	0.0224	0.0000	OK
240 minute summer	FC45	132	184.860	0.260	0.7	0.3256	0.0000	SURCHARGED
240 minute summer	FC46	140	185.322	0.622	1.2	0.8947	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.201	0.401	0.9	0.5179	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC40	Infiltration		0.0				0.0
240 minute summer	FC41	43.000	J37	0.6	0.721	0.060	0.0044	
240 minute summer	FC41	Infiltration		0.0				0.0
240 minute summer	FC42	44.000	J38	0.6	0.628	0.073	0.0049	
240 minute summer	FC42	Infiltration		0.0				0.0
240 minute summer	FC43	45.000	J39	0.6	0.713	0.061	0.0038	
240 minute summer	FC43	Infiltration		0.0				0.0
240 minute summer	FC44	46.000	J40	0.7	0.747	0.065	0.0041	
240 minute summer	FC44	Infiltration		0.0				0.0
240 minute summer	FC45	47.000	S10	0.5	0.788	0.038	0.0029	
240 minute summer	FC45	Infiltration		0.0				0.0
240 minute summer	FC46	48.000	S20	0.8	0.502	0.132	0.0093	
240 minute summer	FC46	Infiltration		0.0				0.0
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
240 minute summer	FC48	50.000	J42	0.6	0.478	0.045	0.0077	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC49	136	185.208	0.408	0.9	0.5262	0.0000	SURCHARGED
240 minute summer	FC50	136	185.208	0.408	0.9	0.5262	0.0000	SURCHARGED
240 minute summer	FC51	136	185.257	0.407	0.9	0.5260	0.0000	SURCHARGED
240 minute summer	FC52	136	185.653	0.403	0.9	0.5206	0.0000	SURCHARGED
240 minute summer	FC53	136	185.654	0.404	0.9	0.5214	0.0000	SURCHARGED
240 minute summer	FC54	132	185.511	0.261	0.7	0.3268	0.0000	SURCHARGED
240 minute summer	FC55	132	185.510	0.260	0.7	0.3250	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC48	Infiltration		0.0				0.0
240 minute summer	FC49	51.000	S21	0.6	0.480	0.106	0.0057	
240 minute summer	FC49	Infiltration		0.0				0.0
240 minute summer	FC50	52.000	J43	0.6	0.481	0.106	0.0061	
240 minute summer	FC50	Infiltration		0.0				0.0
240 minute summer	FC51	55.000	S22	0.6	0.483	0.106	0.0080	
240 minute summer	FC51	Infiltration		0.0				0.0
240 minute summer	FC52	58.000	S23	0.6	0.702	0.062	0.0049	
240 minute summer	FC52	Infiltration		0.0				0.0
240 minute summer	FC53	61.000	J50	0.6	0.659	0.068	0.0041	
240 minute summer	FC53	Infiltration		0.0				0.0
240 minute summer	FC54	62.000	J51	0.5	0.686	0.047	0.0029	
240 minute summer	FC54	Infiltration		0.0				0.0
240 minute summer	FC55	64.000	J53	0.5	0.865	0.034	0.0024	
240 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC56	132	185.610	0.260	0.7	0.3248	0.0000	SURCHARGED
240 minute summer	FC57	132	185.610	0.260	0.7	0.3251	0.0000	SURCHARGED
240 minute summer	FC58	132	185.610	0.260	0.7	0.3254	0.0000	SURCHARGED
240 minute summer	FC59	132	185.611	0.261	0.7	0.3260	0.0000	SURCHARGED
240 minute summer	FC60	136	185.752	0.402	0.9	0.5193	0.0000	SURCHARGED
240 minute summer	FC61	136	185.704	0.404	0.9	0.5219	0.0000	SURCHARGED
240 minute summer	FC62	140	185.872	0.622	1.2	0.8905	0.0000	SURCHARGED
240 minute summer	FC63	132	185.665	0.265	0.7	0.3313	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC56	53.000	J44	0.5	0.892	0.032	0.0037	
240 minute summer	FC56	Infiltration		0.0				0.0
240 minute summer	FC57	54.000	J45	0.5	0.838	0.035	0.0039	
240 minute summer	FC57	Infiltration		0.0				0.0
240 minute summer	FC58	56.000	J46	0.5	0.805	0.037	0.0039	
240 minute summer	FC58	Infiltration		0.0				0.0
240 minute summer	FC59	57.000	J47	0.5	0.747	0.042	0.0043	
240 minute summer	FC59	Infiltration		0.0				0.0
240 minute summer	FC60	59.000	J48	0.6	0.789	0.053	0.0053	
240 minute summer	FC60	Infiltration		0.0				0.0
240 minute summer	FC61	60.000	J49	0.6	0.632	0.073	0.0073	
240 minute summer	FC61	Infiltration		0.0				0.0
240 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118	
240 minute summer	FC62	Infiltration		0.0				0.0
240 minute summer	FC63	65.000	S26	0.5	0.350	0.085	0.0040	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC64	136	185.424	0.274	0.7	0.3424	0.0000	SURCHARGED
240 minute summer	FC65	136	185.553	0.403	0.9	0.5206	0.0000	SURCHARGED
240 minute summer	FC66	136	185.406	0.406	0.9	0.5245	0.0000	SURCHARGED
240 minute summer	FC67	148	184.896	0.096	0.7	0.9908	0.0000	OK
240 minute summer	FC68	132	184.813	0.263	0.7	0.3284	0.0000	SURCHARGED
240 minute summer	J1	124	188.256	0.056	4.3	0.0825	0.0000	OK
240 minute summer	J2	128	188.131	0.075	4.9	0.0852	0.0000	OK
240 minute summer	J3	128	188.118	0.068	5.6	0.0765	0.0000	OK
240 minute summer	J4	128	188.087	0.048	6.1	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC63	Infiltration		0.0				0.0
240 minute summer	FC64	66.000	J54	0.5	0.230	0.087	0.0072	
240 minute summer	FC64	Infiltration		0.0				0.0
240 minute summer	FC65	67.000	J55	0.6	0.324	0.065	0.0053	
240 minute summer	FC65	Infiltration		0.0				0.0
240 minute summer	FC66	68.000	S24	0.6	0.539	0.087	0.0025	
240 minute summer	FC66	Infiltration		0.0				0.0
240 minute summer	FC67	69.000	J56	0.3	0.378	0.049	0.0016	
240 minute summer	FC67	Infiltration		0.0				0.0
240 minute summer	FC68	70.000	J57	0.5	0.594	0.056	0.0019	
240 minute summer	FC68	Infiltration		0.0				0.0
240 minute summer	J1	1.001	J2	4.3	1.010	0.521	0.0215	
240 minute summer	J2	1.002	J3	4.9	0.589	0.362	0.0086	
240 minute summer	J3	1.003	J4	5.6	0.894	0.420	0.0122	
240 minute summer	J4	1.004	J5	6.1	1.350	0.178	0.0159	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J5	128	187.953	0.043	6.7	0.0486	0.0000	OK
240 minute summer	J6	128	187.712	0.062	7.2	0.0698	0.0000	OK
240 minute summer	J7	128	187.599	0.073	7.6	0.0831	0.0000	OK
240 minute summer	J8	128	187.567	0.046	8.1	0.0522	0.0000	OK
240 minute summer	J9	128	187.353	0.078	8.7	0.0880	0.0000	OK
240 minute summer	J10	128	187.316	0.046	9.5	0.0517	0.0000	OK
240 minute summer	J11	128	187.185	0.064	10.1	0.0727	0.0000	OK
240 minute summer	J12	128	186.890	0.081	15.2	0.0911	0.0000	OK
240 minute summer	J13	128	186.754	0.127	15.4	0.1437	0.0000	OK
240 minute summer	J14	128	186.741	0.119	15.9	0.1343	0.0000	OK
240 minute summer	J15	128	186.722	0.105	16.4	0.1187	0.0000	OK
240 minute summer	J16	128	186.686	0.081	16.9	0.0919	0.0000	OK
240 minute summer	J17	128	186.342	0.059	17.4	0.0669	0.0000	OK
240 minute summer	J18	128	186.205	0.080	20.3	0.0906	0.0000	OK
240 minute summer	J19	128	186.157	0.130	20.9	0.1466	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J5	1.005	J6	6.7	1.221	0.174	0.0312	
240 minute summer	J6	1.006	J7	7.2	1.181	0.252	0.0119	
240 minute summer	J7	1.007	J8	7.6	0.920	0.246	0.0096	
240 minute summer	J8	1.008	J9	8.3	0.930	0.093	0.0762	
240 minute summer	J9	1.009	J10	8.7	0.989	0.262	0.0108	
240 minute summer	J10	1.010	J11	9.5	1.266	0.073	0.0185	
240 minute summer	J11	1.011	S2	10.1	0.678	0.156	0.0809	
240 minute summer	J12	1.013	J13	15.2	1.276	0.226	0.0769	
240 minute summer	J13	1.014	J14	15.4	0.569	0.273	0.0515	
240 minute summer	J14	1.015	J15	15.9	0.666	0.283	0.0459	
240 minute summer	J15	1.016	J16	16.4	0.882	0.308	0.0957	
240 minute summer	J16	1.017	J17	16.9	1.223	0.119	0.0465	
240 minute summer	J17	1.018	S3	17.4	1.054	0.056	0.0318	
240 minute summer	J18	1.020	J19	20.3	0.925	0.071	0.0329	
240 minute summer	J19	1.021	S4	20.9	0.796	0.378	0.1153	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J20	124	186.087	0.056	3.3	0.0637	0.0000	OK
240 minute summer	J21	124	186.067	0.058	3.8	0.0654	0.0000	OK
240 minute summer	J22	128	186.030	0.067	4.4	0.0754	0.0000	OK
240 minute summer	J23	128	186.007	0.065	4.7	0.0733	0.0000	OK
240 minute summer	J24	244	185.969	0.152	7.6	0.1715	0.0000	OK
240 minute summer	J25	244	185.969	0.173	8.2	0.1952	0.0000	OK
240 minute summer	J26	244	185.969	0.190	8.8	0.2144	0.0000	OK
240 minute summer	J27	244	185.969	0.233	11.8	0.2631	0.0000	SURCHARGED
240 minute summer	J28	124	186.408	0.052	2.9	0.0587	0.0000	OK
240 minute summer	J29	124	186.329	0.058	3.4	0.0657	0.0000	OK
240 minute summer	J30	128	186.231	0.084	6.9	0.0948	0.0000	OK
240 minute summer	J31	128	186.125	0.081	7.5	0.0915	0.0000	OK
240 minute summer	J32	128	186.087	0.076	8.1	0.0861	0.0000	OK
240 minute summer	J33	128	185.585	0.050	11.2	0.0561	0.0000	OK
240 minute summer	J34	128	185.222	0.097	14.1	0.1092	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J20	23.002	J21	3.3	0.530	0.241	0.0232	
240 minute summer	J21	23.003	J22	3.8	0.554	0.284	0.0553	
240 minute summer	J22	23.004	J23	4.4	0.594	0.326	0.0267	
240 minute summer	J23	23.005	S18	4.7	0.669	0.349	0.0525	
240 minute summer	J24	23.007	J25	7.6	0.487	0.252	0.1890	
240 minute summer	J25	23.008	J26	8.2	0.480	0.272	0.1698	
240 minute summer	J26	23.009	S19	8.8	0.494	0.288	0.1360	
240 minute summer	J27	23.011	S4	11.9	0.727	0.397	0.0951	
240 minute summer	J28	32.001	J29	2.9	0.659	0.491	0.0390	
240 minute summer	J29	32.002	S12	3.3	0.742	0.561	0.0209	
240 minute summer	J30	32.004	J31	6.9	0.721	0.518	0.0474	
240 minute summer	J31	32.005	J32	7.5	0.608	0.249	0.1201	
240 minute summer	J32	32.006	S13	8.1	0.877	0.269	0.0494	
240 minute summer	J33	32.008	S14	11.2	1.033	0.107	0.0999	
240 minute summer	J34	32.010	J35	14.1	1.104	0.365	0.1156	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J35	128	185.140	0.064	14.6	0.0729	0.0000	OK
240 minute summer	J36	128	184.977	0.102	15.2	0.1158	0.0000	OK
240 minute summer	J37	128	184.605	0.105	18.4	0.1184	0.0000	OK
240 minute summer	J38	128	184.441	0.141	21.6	0.1589	0.0000	OK
240 minute summer	J39	128	184.402	0.128	22.3	0.1451	0.0000	OK
240 minute summer	J40	128	184.371	0.106	22.9	0.1202	0.0000	OK
240 minute summer	J41	140	184.622	0.025	0.8	0.0277	0.0000	OK
240 minute summer	J42	136	184.571	0.034	1.4	0.0389	0.0000	OK
240 minute summer	J43	128	184.448	0.068	4.1	0.0771	0.0000	OK
240 minute summer	J44	128	184.435	0.065	4.6	0.0731	0.0000	OK
240 minute summer	J45	128	184.391	0.071	5.1	0.0803	0.0000	OK
240 minute summer	J46	128	184.331	0.109	7.8	0.1231	0.0000	OK
240 minute summer	J47	128	184.325	0.118	8.2	0.1335	0.0000	OK
240 minute summer	J48	128	184.311	0.117	11.0	0.1326	0.0000	OK
240 minute summer	J49	128	184.299	0.129	11.6	0.1464	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J35	32.011	J36	14.6	1.089	0.164	0.0926	
240 minute summer	J36	32.012	S15	15.2	1.068	0.507	0.0338	
240 minute summer	J37	32.014	S16	18.4	1.147	0.334	0.0844	
240 minute summer	J38	32.016	J39	21.7	0.710	0.401	0.3305	
240 minute summer	J39	32.017	J40	22.3	0.875	0.408	0.0933	
240 minute summer	J40	32.018	S10	22.9	1.093	0.230	0.2010	
240 minute summer	J41	48.002	J42	0.8	0.410	0.132	0.0120	
240 minute summer	J42	48.003	S21	1.4	0.605	0.239	0.0190	
240 minute summer	J43	48.005	J44	4.1	0.548	0.295	0.0121	
240 minute summer	J44	48.006	J45	4.6	0.596	0.345	0.0678	
240 minute summer	J45	48.007	S22	5.1	0.667	0.375	0.0182	
240 minute summer	J46	48.009	J47	7.8	0.388	0.252	0.0845	
240 minute summer	J47	48.010	S23	8.2	0.383	0.273	0.0568	
240 minute summer	J48	48.012	J49	11.0	0.495	0.368	0.1659	
240 minute summer	J49	48.013	J50	11.6	0.503	0.378	0.0262	

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J50	132	184.289	0.124	12.2	0.1406	0.0000	OK
240 minute summer	J51	132	184.276	0.128	12.7	0.1443	0.0000	OK
240 minute summer	J52	132	184.263	0.119	13.4	0.1348	0.0000	OK
240 minute summer	J53	132	184.239	0.112	13.9	0.1269	0.0000	OK
240 minute summer	J54	128	185.183	0.054	2.9	0.0610	0.0000	OK
240 minute summer	J55	128	185.144	0.050	3.5	0.0568	0.0000	OK
240 minute summer	J56	128	184.151	0.144	20.1	0.1626	0.0000	OK
240 minute summer	J57	128	184.128	0.143	20.5	0.1618	0.0000	OK
240 minute summer	BASIN 1	244	185.968	1.043	34.6	128.0862	0.0000	SURCHARGED
240 minute summer	BASIN 2	416	184.846	0.546	3.6	55.1871	0.0000	OK
240 minute summer	BASIN 3	480	183.013	-0.087	29.9	153.8170	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J50	48.014	J51	12.2	0.534	0.407	0.1159	
240 minute summer	J51	48.015	J52	12.6	0.569	0.413	0.0253	
240 minute summer	J52	48.016	J53	13.4	0.654	0.440	0.1002	
240 minute summer	J53	48.017	S24	14.0	0.772	0.463	0.1854	
240 minute summer	J54	65.002	J55	2.9	0.703	0.487	0.0150	
240 minute summer	J55	65.003	S24	3.5	0.917	0.458	0.0299	
240 minute summer	J56	48.019	J57	20.0	0.603	0.369	0.3019	
240 minute summer	J57	48.020	S25	20.5	0.644	0.375	0.1953	
240 minute summer	BASIN 1	1.023	S5	3.5	0.213	0.042	0.9418	
240 minute summer	BASIN 1	Infiltration		0.1				2.8
240 minute summer	BASIN 2	1.027	S7	3.1	0.534	0.037	0.1286	
240 minute summer	BASIN 2	71.000	BH1	1.2	0.560	0.206	0.1829	
240 minute summer	BASIN 2	Infiltration		0.0				0.0
240 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
240 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	BASIN 4	280	183.729	0.399	25.3	117.3071	0.0000	SURCHARGED
240 minute summer	SWALE 1	248	184.927	0.053	3.5	0.0761	0.0000	OK
240 minute summer	SWALE 2	420	184.424	0.049	3.1	0.0705	0.0000	OK
240 minute summer	SWALE 3	128	184.113	0.118	26.1	0.1694	0.0000	OK
240 minute summer	BH1	416	184.846	0.769	1.2	3.0313	0.0000	OK
240 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
240 minute summer	BH3	280	183.729	0.410	1.3	3.5201	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	BASIN 4	48.022	BH3	1.3	0.462	0.024	0.3211	
240 minute summer	BASIN 4	Infiltration		0.0				0.0
240 minute summer	SWALE 1	1.025	S6	3.5	0.381	0.042	0.3480	
240 minute summer	SWALE 2	1.029	S8	3.1	0.512	0.037	0.1582	
240 minute summer	SWALE 3	1.033	BASIN 3	26.2	0.898	0.209	1.2588	
240 minute summer	BH1	Infiltration		0.1				2.3
240 minute summer	BH2	Infiltration		0.0				0.0
240 minute summer	BH3	Infiltration		0.2				4.6

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.396	0.026	1.3	0.0383	0.0000	OK
240 minute winter	S2	128	187.139	0.100	11.0	0.1734	0.0000	OK
240 minute winter	S3	128	186.234	0.097	15.0	0.1286	0.0000	OK
240 minute winter	S4	240	185.963	0.585	26.1	0.7495	0.0000	SURCHARGED
240 minute winter	S5	240	185.963	1.052	3.5	1.5061	0.0000	SURCHARGED
240 minute winter	S6	396	184.859	0.051	3.5	0.0732	0.0000	OK
240 minute winter	S7	420	184.786	0.027	3.0	0.0379	0.0000	OK
240 minute winter	S8	420	184.358	0.028	3.0	0.0406	0.0000	OK
240 minute winter	S9	132	184.182	0.057	3.0	0.0821	0.0000	OK
240 minute winter	S10	132	184.182	0.069	19.0	0.1263	0.0000	OK
240 minute winter	S11	132	186.438	0.038	1.6	0.0594	0.0000	OK
240 minute winter	S12	132	186.243	0.067	4.5	0.0987	0.0000	OK
240 minute winter	S13	132	186.037	0.044	7.7	0.0655	0.0000	OK
240 minute winter	S14	132	185.253	0.078	10.1	0.1222	0.0000	OK
240 minute winter	S15	132	184.928	0.061	13.0	0.0956	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S1	1.000	J1	1.3	0.516	0.148	0.0208	
240 minute winter	S2	1.012	J12	11.0	0.711	0.369	0.0231	
240 minute winter	S3	1.019	J18	15.0	0.975	0.281	0.0796	
240 minute winter	S4	1.022	BASIN 1	25.4	1.054	0.152	1.1778	
240 minute winter	S5	1.024	SWALE 1	3.5	0.370	0.042	0.1924	
240 minute winter	S6	1.026	BASIN 2	3.5	0.457	0.040	0.0497	
240 minute winter	S7	1.028	SWALE 2	3.0	0.528	0.010	0.0990	
240 minute winter	S8	1.030	S9	3.0	0.558	0.012	0.0667	
240 minute winter	S9	1.031	S10	3.0	0.591	0.036	0.0823	
240 minute winter	S10	1.032	SWALE 3	19.0	1.020	0.057	0.0817	
240 minute winter	S11	32.000	J28	1.6	0.561	0.269	0.0130	
240 minute winter	S12	32.003	J30	4.5	0.580	0.336	0.0394	
240 minute winter	S13	32.007	J33	7.7	1.433	0.078	0.0695	
240 minute winter	S14	32.009	J34	10.1	0.803	0.199	0.0660	
240 minute winter	S15	32.013	J37	13.0	1.580	0.141	0.0771	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	132	184.537	0.050	15.4	0.0768	0.0000	OK
240 minute winter	S17	128	186.191	0.041	1.9	0.0655	0.0000	OK
240 minute winter	S18	240	185.963	0.139	5.3	0.2050	0.0000	OK
240 minute winter	S19	240	185.963	0.197	8.4	0.2834	0.0000	OK
240 minute winter	S20	140	184.666	0.024	0.7	0.0267	0.0000	OK
240 minute winter	S21	132	184.460	0.051	2.8	0.0674	0.0000	OK
240 minute winter	S22	132	184.318	0.087	5.7	0.1126	0.0000	OK
240 minute winter	S23	132	184.301	0.103	8.1	0.1327	0.0000	OK
240 minute winter	S24	132	184.145	0.128	15.4	0.1689	0.0000	OK
240 minute winter	S25	132	184.088	0.118	17.3	0.1628	0.0000	OK
240 minute winter	S26	132	185.404	0.027	1.7	0.0403	0.0000	OK
240 minute winter	FC1	136	188.544	0.294	0.6	0.3793	0.0000	SURCHARGED
240 minute winter	FC2	136	188.445	0.295	0.6	0.3805	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S16	32.015	J38	15.4	0.952	0.048	0.0386	
240 minute winter	S17	23.001	J20	1.9	0.659	0.328	0.0211	
240 minute winter	S18	23.006	J24	5.3	0.451	0.165	0.0484	
240 minute winter	S19	23.010	J27	8.3	0.576	0.278	0.3409	
240 minute winter	S20	48.001	J41	0.7	0.492	0.114	0.0064	
240 minute winter	S21	48.004	J43	2.8	0.476	0.210	0.0300	
240 minute winter	S22	48.008	J46	5.7	0.396	0.181	0.0352	
240 minute winter	S23	48.011	J48	8.1	0.468	0.261	0.0193	
240 minute winter	S24	48.018	J56	15.4	0.548	0.288	0.1192	
240 minute winter	S25	48.021	BASIN 4	17.3	0.751	0.324	0.0886	
240 minute winter	S26	65.001	J54	1.7	0.675	0.162	0.0216	
240 minute winter	FC1	2.000	J1	0.5	0.283	0.085	0.0107	
240 minute winter	FC1	Infiltration		0.0				0.0
240 minute winter	FC2	3.000	J2	0.5	0.460	0.089	0.0052	
240 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC3	140	188.671	0.471	0.8	0.6366	0.0000	SURCHARGED
240 minute winter	FC4	144	188.366	0.166	0.4	0.2081	0.0000	SURCHARGED
240 minute winter	FC5	136	188.295	0.295	0.6	0.3806	0.0000	SURCHARGED
240 minute winter	FC6	144	188.015	0.165	0.4	0.2067	0.0000	SURCHARGED
240 minute winter	FC7	144	187.917	0.167	0.4	0.2085	0.0000	SURCHARGED
240 minute winter	FC8	136	188.041	0.291	0.6	0.3755	0.0000	SURCHARGED
240 minute winter	FC9	144	187.638	0.168	0.4	0.2103	0.0000	SURCHARGED
240 minute winter	FC10	140	187.941	0.471	0.8	0.6360	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC3	4.000	J3	0.7	0.516	0.108	0.0123	
240 minute winter	FC3	Infiltration		0.0				0.0
240 minute winter	FC4	5.000	J4	0.4	0.497	0.053	0.0058	
240 minute winter	FC4	Infiltration		0.0				0.0
240 minute winter	FC5	6.000	J5	0.5	0.458	0.089	0.0048	
240 minute winter	FC5	Infiltration		0.0				0.0
240 minute winter	FC6	7.000	J6	0.4	0.554	0.045	0.0052	
240 minute winter	FC6	Infiltration		0.0				0.0
240 minute winter	FC7	8.000	J7	0.4	0.481	0.055	0.0059	
240 minute winter	FC7	Infiltration		0.0				0.0
240 minute winter	FC8	9.000	J8	0.5	0.642	0.055	0.0035	
240 minute winter	FC8	Infiltration		0.0				0.0
240 minute winter	FC9	10.000	J9	0.4	0.425	0.066	0.0067	
240 minute winter	FC9	Infiltration		0.0				0.0
240 minute winter	FC10	11.000	J10	0.7	0.535	0.102	0.0079	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC11	136	187.615	0.295	0.6	0.3803	0.0000	SURCHARGED
240 minute winter	FC12	136	187.525	0.295	0.6	0.3803	0.0000	SURCHARGED
240 minute winter	FC13	136	187.295	0.295	0.6	0.3803	0.0000	SURCHARGED
240 minute winter	FC14	160	187.011	0.111	0.6	1.4130	0.0000	SURCHARGED
240 minute winter	FC15	144	187.362	0.162	0.4	0.2026	0.0000	SURCHARGED
240 minute winter	FC16	144	187.068	0.168	0.4	0.2096	0.0000	SURCHARGED
240 minute winter	FC17	144	187.163	0.163	0.4	0.2042	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC10	Infiltration		0.0				0.0
240 minute winter	FC11	12.000	J11	0.5	0.461	0.090	0.0089	
240 minute winter	FC11	Infiltration		0.0				0.0
240 minute winter	FC12	13.000	S2	0.5	0.461	0.090	0.0079	
240 minute winter	FC12	Infiltration		0.0				0.0
240 minute winter	FC13	14.000	J12	0.5	0.462	0.089	0.0078	
240 minute winter	FC13	Infiltration		0.0				0.0
240 minute winter	FC14	15.000	J13	0.3	0.397	0.053	0.0059	
240 minute winter	FC14	Infiltration		0.0				0.0
240 minute winter	FC15	16.000	J14	0.4	0.894	0.023	0.0021	
240 minute winter	FC15	Infiltration		0.0				0.0
240 minute winter	FC16	17.000	J15	0.4	0.443	0.062	0.0067	
240 minute winter	FC16	Infiltration		0.0				0.0
240 minute winter	FC17	18.000	J16	0.4	0.701	0.032	0.0027	
240 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC18	144	186.718	0.168	0.4	0.2104	0.0000	SURCHARGED
240 minute winter	FC19	136	186.695	0.295	0.6	0.3804	0.0000	SURCHARGED
240 minute winter	FC20	136	187.238	0.288	0.6	0.3716	0.0000	SURCHARGED
240 minute winter	FC21	136	186.595	0.295	0.6	0.3803	0.0000	SURCHARGED
240 minute winter	FC22	156	186.537	0.087	0.4	0.8375	0.0000	OK
240 minute winter	FC23	144	186.463	0.163	0.4	0.2036	0.0000	SURCHARGED
240 minute winter	FC24	136	186.589	0.289	0.6	0.3725	0.0000	SURCHARGED
240 minute winter	FC25	136	186.838	0.288	0.6	0.3717	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC18	19.000	J17	0.4	0.422	0.066	0.0065	
240 minute winter	FC18	Infiltration		0.0				0.0
240 minute winter	FC19	20.000	S3	0.5	0.460	0.090	0.0076	
240 minute winter	FC19	Infiltration		0.0				0.0
240 minute winter	FC20	21.000	J18	0.5	0.925	0.033	0.0025	
240 minute winter	FC20	Infiltration		0.0				0.0
240 minute winter	FC21	22.000	J19	0.5	0.461	0.090	0.0088	
240 minute winter	FC21	Infiltration		0.0				0.0
240 minute winter	FC22	23.000	S17	0.3	0.394	0.018	0.0081	
240 minute winter	FC22	Infiltration		0.0				0.0
240 minute winter	FC23	24.000	J20	0.4	0.742	0.029	0.0024	
240 minute winter	FC23	Infiltration		0.0				0.0
240 minute winter	FC24	25.000	J21	0.5	0.836	0.038	0.0029	
240 minute winter	FC24	Infiltration		0.0				0.0
240 minute winter	FC25	26.000	J22	0.5	0.918	0.033	0.0027	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC26	156	186.535	0.085	0.4	0.8555	0.0000	OK
240 minute winter	FC27	144	186.662	0.162	0.4	0.2026	0.0000	SURCHARGED
240 minute winter	FC28	136	186.788	0.288	0.6	0.3716	0.0000	SURCHARGED
240 minute winter	FC29	136	186.788	0.288	0.6	0.3718	0.0000	SURCHARGED
240 minute winter	FC30	136	187.038	0.288	0.6	0.3722	0.0000	SURCHARGED
240 minute winter	FC31	144	186.615	0.165	0.4	0.2061	0.0000	SURCHARGED
240 minute winter	FC32	144	186.613	0.163	0.4	0.2037	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC25	Infiltration		0.0				0.0
240 minute winter	FC26	27.000	J23	0.3	0.668	0.021	0.0019	
240 minute winter	FC26	Infiltration		0.0				0.0
240 minute winter	FC27	28.000	J24	0.4	1.040	0.018	0.0028	
240 minute winter	FC27	Infiltration		0.0				0.0
240 minute winter	FC28	29.000	J25	0.5	0.923	0.033	0.0025	
240 minute winter	FC28	Infiltration		0.0				0.0
240 minute winter	FC29	30.000	J26	0.5	0.898	0.034	0.0028	
240 minute winter	FC29	Infiltration		0.0				0.0
240 minute winter	FC30	31.000	J27	0.5	0.862	0.037	0.0027	
240 minute winter	FC30	Infiltration		0.0				0.0
240 minute winter	FC31	33.000	J28	0.4	0.252	0.043	0.0079	
240 minute winter	FC31	Infiltration		0.0				0.0
240 minute winter	FC32	34.000	J29	0.4	0.224	0.031	0.0086	
240 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC33	136	186.738	0.288	0.6	0.3721	0.0000	SURCHARGED
240 minute winter	FC34	136	186.744	0.294	0.6	0.3800	0.0000	SURCHARGED
240 minute winter	FC35	136	186.738	0.288	0.6	0.3723	0.0000	SURCHARGED
240 minute winter	FC36	136	186.738	0.288	0.6	0.3719	0.0000	SURCHARGED
240 minute winter	FC37	140	186.268	0.468	0.8	0.6325	0.0000	SURCHARGED
240 minute winter	FC38	156	185.528	0.078	0.4	0.9353	0.0000	OK
240 minute winter	FC39	144	185.612	0.162	0.4	0.2031	0.0000	SURCHARGED
240 minute winter	FC40	136	185.787	0.287	0.6	0.3707	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC33	35.000	S12	0.5	0.843	0.037	0.0030	
240 minute winter	FC33	Infiltration		0.0				0.0
240 minute winter	FC34	36.000	J30	0.5	0.473	0.086	0.0053	
240 minute winter	FC34	Infiltration		0.0				0.0
240 minute winter	FC35	37.000	J31	0.5	0.853	0.037	0.0032	
240 minute winter	FC35	Infiltration		0.0				0.0
240 minute winter	FC36	38.000	J32	0.5	0.894	0.035	0.0030	
240 minute winter	FC36	Infiltration		0.0				0.0
240 minute winter	FC37	39.000	J33	0.7	0.657	0.076	0.0068	
240 minute winter	FC37	Infiltration		0.0				0.0
240 minute winter	FC38	40.000	J34	0.3	0.632	0.021	0.0019	
240 minute winter	FC38	Infiltration		0.0				0.0
240 minute winter	FC39	41.000	J35	0.4	0.786	0.027	0.0022	
240 minute winter	FC39	Infiltration		0.0				0.0
240 minute winter	FC40	42.000	J36	0.5	1.050	0.028	0.0026	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC41	136	185.140	0.290	0.6	0.3746	0.0000	SURCHARGED
240 minute winter	FC42	136	184.892	0.292	0.6	0.3764	0.0000	SURCHARGED
240 minute winter	FC43	136	184.890	0.290	0.6	0.3748	0.0000	SURCHARGED
240 minute winter	FC44	112	184.614	0.014	0.4	0.0170	0.0000	OK
240 minute winter	FC45	144	184.763	0.163	0.4	0.2037	0.0000	SURCHARGED
240 minute winter	FC46	140	185.172	0.472	0.8	0.6374	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	136	185.088	0.288	0.6	0.3722	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC40	Infiltration		0.0				0.0
240 minute winter	FC41	43.000	J37	0.5	0.687	0.050	0.0039	
240 minute winter	FC41	Infiltration		0.0				0.0
240 minute winter	FC42	44.000	J38	0.5	0.598	0.061	0.0044	
240 minute winter	FC42	Infiltration		0.0				0.0
240 minute winter	FC43	45.000	J39	0.5	0.679	0.051	0.0034	
240 minute winter	FC43	Infiltration		0.0				0.0
240 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
240 minute winter	FC44	Infiltration		0.0				0.0
240 minute winter	FC45	47.000	S10	0.4	0.732	0.030	0.0025	
240 minute winter	FC45	Infiltration		0.0				0.0
240 minute winter	FC46	48.000	S20	0.7	0.483	0.114	0.0084	
240 minute winter	FC46	Infiltration		0.0				0.0
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0035	
240 minute winter	FC48	50.000	J42	0.5	0.481	0.038	0.0068	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC49	136	185.095	0.295	0.6	0.3805	0.0000	SURCHARGED
240 minute winter	FC50	136	185.095	0.295	0.6	0.3805	0.0000	SURCHARGED
240 minute winter	FC51	136	185.145	0.295	0.6	0.3804	0.0000	SURCHARGED
240 minute winter	FC52	136	185.540	0.290	0.6	0.3750	0.0000	SURCHARGED
240 minute winter	FC53	136	185.541	0.291	0.6	0.3758	0.0000	SURCHARGED
240 minute winter	FC54	144	185.414	0.164	0.4	0.2051	0.0000	SURCHARGED
240 minute winter	FC55	144	185.412	0.162	0.4	0.2030	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC48	Infiltration		0.0				0.0
240 minute winter	FC49	51.000	S21	0.5	0.458	0.089	0.0050	
240 minute winter	FC49	Infiltration		0.0				0.0
240 minute winter	FC50	52.000	J43	0.5	0.458	0.089	0.0054	
240 minute winter	FC50	Infiltration		0.0				0.0
240 minute winter	FC51	55.000	S22	0.5	0.460	0.090	0.0071	
240 minute winter	FC51	Infiltration		0.0				0.0
240 minute winter	FC52	58.000	S23	0.5	0.669	0.053	0.0043	
240 minute winter	FC52	Infiltration		0.0				0.0
240 minute winter	FC53	61.000	J50	0.5	0.628	0.057	0.0036	
240 minute winter	FC53	Infiltration		0.0				0.0
240 minute winter	FC54	62.000	J51	0.4	0.639	0.036	0.0024	
240 minute winter	FC54	Infiltration		0.0				0.0
240 minute winter	FC55	64.000	J53	0.4	0.804	0.026	0.0020	
240 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC56	144	185.512	0.162	0.4	0.2027	0.0000	SURCHARGED
240 minute winter	FC57	144	185.512	0.162	0.4	0.2032	0.0000	SURCHARGED
240 minute winter	FC58	144	185.513	0.163	0.4	0.2035	0.0000	SURCHARGED
240 minute winter	FC59	144	185.513	0.163	0.4	0.2042	0.0000	SURCHARGED
240 minute winter	FC60	136	185.639	0.289	0.6	0.3736	0.0000	SURCHARGED
240 minute winter	FC61	136	185.591	0.291	0.6	0.3763	0.0000	SURCHARGED
240 minute winter	FC62	140	185.719	0.469	0.8	0.6340	0.0000	SURCHARGED
240 minute winter	FC63	144	185.568	0.168	0.4	0.2100	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC56	53.000	J44	0.4	0.829	0.025	0.0031	
240 minute winter	FC56	Infiltration		0.0				0.0
240 minute winter	FC57	54.000	J45	0.4	0.778	0.028	0.0033	
240 minute winter	FC57	Infiltration		0.0				0.0
240 minute winter	FC58	56.000	J46	0.4	0.748	0.029	0.0033	
240 minute winter	FC58	Infiltration		0.0				0.0
240 minute winter	FC59	57.000	J47	0.4	0.694	0.033	0.0036	
240 minute winter	FC59	Infiltration		0.0				0.0
240 minute winter	FC60	59.000	J48	0.5	0.751	0.045	0.0047	
240 minute winter	FC60	Infiltration		0.0				0.0
240 minute winter	FC61	60.000	J49	0.5	0.602	0.061	0.0065	
240 minute winter	FC61	Infiltration		0.0				0.0
240 minute winter	FC62	63.000	J52	0.7	0.596	0.088	0.0107	
240 minute winter	FC62	Infiltration		0.0				0.0
240 minute winter	FC63	65.000	S26	0.4	0.321	0.066	0.0032	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC64	144	185.322	0.172	0.4	0.2154	0.0000	SURCHARGED
240 minute winter	FC65	136	185.440	0.290	0.6	0.3749	0.0000	SURCHARGED
240 minute winter	FC66	136	185.294	0.293	0.6	0.3789	0.0000	SURCHARGED
240 minute winter	FC67	156	184.886	0.086	0.4	0.8827	0.0000	OK
240 minute winter	FC68	144	184.715	0.165	0.4	0.2069	0.0000	SURCHARGED
240 minute winter	J1	124	188.245	0.045	3.1	0.0666	0.0000	OK
240 minute winter	J2	124	188.119	0.063	3.6	0.0716	0.0000	OK
240 minute winter	J3	124	188.108	0.058	4.2	0.0652	0.0000	OK
240 minute winter	J4	124	188.080	0.041	4.5	0.0459	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC63	Infiltration		0.0				0.0
240 minute winter	FC64	66.000	J54	0.4	0.209	0.067	0.0052	
240 minute winter	FC64	Infiltration		0.0				0.0
240 minute winter	FC65	67.000	J55	0.5	0.301	0.055	0.0043	
240 minute winter	FC65	Infiltration		0.0				0.0
240 minute winter	FC66	68.000	S24	0.5	0.515	0.074	0.0022	
240 minute winter	FC66	Infiltration		0.0				0.0
240 minute winter	FC67	69.000	J56	0.3	0.371	0.046	0.0015	
240 minute winter	FC67	Infiltration		0.0				0.0
240 minute winter	FC68	70.000	J57	0.4	0.555	0.044	0.0016	
240 minute winter	FC68	Infiltration		0.0				0.0
240 minute winter	J1	1.001	J2	3.1	0.932	0.369	0.0165	
240 minute winter	J2	1.002	J3	3.5	0.532	0.263	0.0069	
240 minute winter	J3	1.003	J4	4.1	0.828	0.312	0.0098	
240 minute winter	J4	1.004	J5	4.5	1.258	0.132	0.0127	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J5	132	187.947	0.037	5.0	0.0416	0.0000	OK
240 minute winter	J6	132	187.702	0.052	5.4	0.0590	0.0000	OK
240 minute winter	J7	132	187.589	0.064	5.8	0.0720	0.0000	OK
240 minute winter	J8	132	187.561	0.040	6.5	0.0457	0.0000	OK
240 minute winter	J9	132	187.343	0.068	6.7	0.0765	0.0000	OK
240 minute winter	J10	132	187.309	0.039	7.3	0.0446	0.0000	OK
240 minute winter	J11	136	187.176	0.055	7.9	0.0627	0.0000	OK
240 minute winter	J12	128	186.878	0.069	11.5	0.0780	0.0000	OK
240 minute winter	J13	128	186.737	0.110	11.8	0.1241	0.0000	OK
240 minute winter	J14	128	186.725	0.103	12.2	0.1164	0.0000	OK
240 minute winter	J15	128	186.708	0.091	12.5	0.1034	0.0000	OK
240 minute winter	J16	128	186.675	0.070	12.9	0.0792	0.0000	OK
240 minute winter	J17	128	186.332	0.049	13.3	0.0557	0.0000	OK
240 minute winter	J18	128	186.191	0.066	15.5	0.0744	0.0000	OK
240 minute winter	J19	128	186.140	0.113	16.0	0.1273	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J5	1.005	J6	5.0	1.149	0.131	0.0249	
240 minute winter	J6	1.006	J7	5.4	1.104	0.189	0.0096	
240 minute winter	J7	1.007	J8	6.0	0.871	0.196	0.0079	
240 minute winter	J8	1.008	J9	6.3	0.861	0.071	0.0628	
240 minute winter	J9	1.009	J10	6.7	0.925	0.200	0.0088	
240 minute winter	J10	1.010	J11	7.3	1.210	0.057	0.0149	
240 minute winter	J11	1.011	S2	7.8	0.649	0.122	0.0660	
240 minute winter	J12	1.013	J13	11.5	1.191	0.172	0.0626	
240 minute winter	J13	1.014	J14	11.8	0.528	0.208	0.0423	
240 minute winter	J14	1.015	J15	12.2	0.616	0.216	0.0378	
240 minute winter	J15	1.016	J16	12.5	0.823	0.235	0.0784	
240 minute winter	J16	1.017	J17	12.9	1.144	0.091	0.0380	
240 minute winter	J17	1.018	S3	13.3	1.008	0.043	0.0256	
240 minute winter	J18	1.020	J19	15.5	0.885	0.054	0.0265	
240 minute winter	J19	1.021	S4	16.0	0.737	0.290	0.0956	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J20	128	186.077	0.046	2.3	0.0524	0.0000	OK
240 minute winter	J21	128	186.058	0.049	2.8	0.0551	0.0000	OK
240 minute winter	J22	128	186.020	0.057	3.3	0.0640	0.0000	OK
240 minute winter	J23	128	185.998	0.056	3.6	0.0629	0.0000	OK
240 minute winter	J24	240	185.963	0.146	5.6	0.1648	0.0000	OK
240 minute winter	J25	240	185.963	0.167	6.2	0.1885	0.0000	OK
240 minute winter	J26	240	185.963	0.184	6.7	0.2077	0.0000	OK
240 minute winter	J27	240	185.963	0.227	8.9	0.2564	0.0000	SURCHARGED
240 minute winter	J28	132	186.397	0.041	2.0	0.0465	0.0000	OK
240 minute winter	J29	132	186.318	0.047	2.4	0.0532	0.0000	OK
240 minute winter	J30	132	186.216	0.069	5.0	0.0781	0.0000	OK
240 minute winter	J31	132	186.113	0.069	5.5	0.0778	0.0000	OK
240 minute winter	J32	132	186.077	0.066	6.1	0.0745	0.0000	OK
240 minute winter	J33	132	185.578	0.043	8.3	0.0485	0.0000	OK
240 minute winter	J34	132	185.207	0.082	10.3	0.0928	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J20	23.002	J21	2.3	0.485	0.172	0.0181	
240 minute winter	J21	23.003	J22	2.8	0.514	0.211	0.0442	
240 minute winter	J22	23.004	J23	3.3	0.556	0.247	0.0216	
240 minute winter	J23	23.005	S18	3.6	0.624	0.267	0.0429	
240 minute winter	J24	23.007	J25	5.6	0.464	0.187	0.1815	
240 minute winter	J25	23.008	J26	6.1	0.459	0.203	0.1645	
240 minute winter	J26	23.009	S19	6.7	0.472	0.217	0.1326	
240 minute winter	J27	23.011	S4	8.8	0.669	0.296	0.0951	
240 minute winter	J28	32.001	J29	2.0	0.598	0.335	0.0293	
240 minute winter	J29	32.002	S12	2.4	0.684	0.399	0.0161	
240 minute winter	J30	32.004	J31	5.0	0.667	0.378	0.0374	
240 minute winter	J31	32.005	J32	5.5	0.556	0.184	0.0970	
240 minute winter	J32	32.006	S13	6.1	0.812	0.201	0.0399	
240 minute winter	J33	32.008	S14	8.3	0.975	0.080	0.0789	
240 minute winter	J34	32.010	J35	10.3	1.026	0.268	0.0917	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J35	132	185.129	0.054	10.7	0.0608	0.0000	OK
240 minute winter	J36	132	184.962	0.087	11.2	0.0987	0.0000	OK
240 minute winter	J37	132	184.590	0.090	13.6	0.1015	0.0000	OK
240 minute winter	J38	132	184.418	0.118	15.9	0.1333	0.0000	OK
240 minute winter	J39	132	184.382	0.108	16.4	0.1221	0.0000	OK
240 minute winter	J40	132	184.355	0.089	16.8	0.1012	0.0000	OK
240 minute winter	J41	140	184.620	0.023	0.7	0.0258	0.0000	OK
240 minute winter	J42	140	184.569	0.032	1.2	0.0357	0.0000	OK
240 minute winter	J43	132	184.440	0.060	3.3	0.0675	0.0000	OK
240 minute winter	J44	132	184.427	0.057	3.7	0.0642	0.0000	OK
240 minute winter	J45	132	184.382	0.062	4.1	0.0705	0.0000	OK
240 minute winter	J46	132	184.312	0.090	6.1	0.1019	0.0000	OK
240 minute winter	J47	132	184.306	0.099	6.4	0.1121	0.0000	OK
240 minute winter	J48	132	184.293	0.099	8.6	0.1117	0.0000	OK
240 minute winter	J49	132	184.280	0.111	9.1	0.1258	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J35	32.011	J36	10.7	1.009	0.120	0.0737	
240 minute winter	J36	32.012	S15	11.2	0.990	0.375	0.0271	
240 minute winter	J37	32.014	S16	13.6	1.087	0.246	0.0660	
240 minute winter	J38	32.016	J39	15.9	0.655	0.294	0.2622	
240 minute winter	J39	32.017	J40	16.4	0.812	0.300	0.0739	
240 minute winter	J40	32.018	S10	16.8	1.008	0.169	0.1594	
240 minute winter	J41	48.002	J42	0.7	0.394	0.114	0.0107	
240 minute winter	J42	48.003	S21	1.2	0.580	0.204	0.0169	
240 minute winter	J43	48.005	J44	3.3	0.526	0.237	0.0101	
240 minute winter	J44	48.006	J45	3.7	0.568	0.277	0.0571	
240 minute winter	J45	48.007	S22	4.1	0.630	0.300	0.0154	
240 minute winter	J46	48.009	J47	6.1	0.383	0.197	0.0667	
240 minute winter	J47	48.010	S23	6.4	0.374	0.214	0.0456	
240 minute winter	J48	48.012	J49	8.6	0.472	0.287	0.1352	
240 minute winter	J49	48.013	J50	9.1	0.477	0.297	0.0216	

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J50	132	184.272	0.107	9.6	0.1208	0.0000	OK
240 minute winter	J51	136	184.259	0.111	10.0	0.1253	0.0000	OK
240 minute winter	J52	136	184.248	0.104	10.6	0.1172	0.0000	OK
240 minute winter	J53	136	184.225	0.098	11.0	0.1111	0.0000	OK
240 minute winter	J54	132	185.173	0.044	2.1	0.0499	0.0000	OK
240 minute winter	J55	132	185.136	0.042	2.6	0.0476	0.0000	OK
240 minute winter	J56	132	184.131	0.124	15.6	0.1400	0.0000	OK
240 minute winter	J57	132	184.109	0.124	16.0	0.1403	0.0000	OK
240 minute winter	BASIN 1	240	185.963	1.038	26.2	127.1733	0.0000	SURCHARGED
240 minute winter	BASIN 2	420	184.846	0.546	3.6	55.1631	0.0000	OK
240 minute winter	BASIN 3	480	183.012	-0.088	21.5	153.6097	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J50	48.014	J51	9.6	0.506	0.321	0.0964	
240 minute winter	J51	48.015	J52	10.0	0.536	0.326	0.0212	
240 minute winter	J52	48.016	J53	10.6	0.618	0.349	0.0840	
240 minute winter	J53	48.017	S24	11.0	0.723	0.366	0.1567	
240 minute winter	J54	65.002	J55	2.1	0.641	0.348	0.0118	
240 minute winter	J55	65.003	S24	2.6	0.852	0.340	0.0239	
240 minute winter	J56	48.019	J57	15.6	0.569	0.288	0.2494	
240 minute winter	J57	48.020	S25	16.0	0.604	0.293	0.1624	
240 minute winter	BASIN 1	1.023	S5	3.5	0.225	0.042	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.8
240 minute winter	BASIN 2	1.027	S7	3.0	0.532	0.037	0.1278	
240 minute winter	BASIN 2	71.000	BH1	1.3	0.561	0.215	0.1829	
240 minute winter	BASIN 2	Infiltration		0.0				0.0
240 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
240 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	BASIN 4	272	183.725	0.394	19.3	115.8389	0.0000	SURCHARGED
240 minute winter	SWALE 1	240	184.927	0.053	3.5	0.0760	0.0000	OK
240 minute winter	SWALE 2	420	184.424	0.049	3.0	0.0702	0.0000	OK
240 minute winter	SWALE 3	132	184.095	0.100	19.0	0.1429	0.0000	OK
240 minute winter	BH1	420	184.846	0.769	1.3	3.0307	0.0000	OK
240 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
240 minute winter	BH3	272	183.725	0.405	1.4	3.4980	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	BASIN 4	48.022	BH3	1.4	0.466	0.027	0.3211	
240 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	3.5	0.381	0.042	0.3472	
240 minute winter	SWALE 2	1.029	S8	3.0	0.510	0.037	0.1572	
240 minute winter	SWALE 3	1.033	BASIN 3	18.9	0.821	0.151	0.9956	
240 minute winter	BH1	Infiltration		0.1				2.3
240 minute winter	BH2	Infiltration		0.0				0.0
240 minute winter	BH3	Infiltration		0.2				4.6

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.398	0.028	1.5	0.0412	0.0000	OK
360 minute summer	S2	184	187.143	0.104	11.8	0.1800	0.0000	OK
360 minute summer	S3	192	186.237	0.100	15.9	0.1327	0.0000	OK
360 minute summer	S4	336	185.993	0.614	27.6	0.7877	0.0000	SURCHARGED
360 minute summer	S5	336	185.992	1.082	3.6	1.5486	0.0000	SURCHARGED
360 minute summer	S6	424	184.861	0.053	3.6	0.0761	0.0000	OK
360 minute summer	S7	448	184.787	0.028	3.3	0.0394	0.0000	OK
360 minute summer	S8	448	184.360	0.029	3.3	0.0421	0.0000	OK
360 minute summer	S9	184	184.185	0.060	3.3	0.0862	0.0000	OK
360 minute summer	S10	184	184.185	0.072	20.3	0.1315	0.0000	OK
360 minute summer	S11	184	186.442	0.042	1.9	0.0654	0.0000	OK
360 minute summer	S12	184	186.247	0.071	5.0	0.1053	0.0000	OK
360 minute summer	S13	184	186.039	0.046	8.3	0.0684	0.0000	OK
360 minute summer	S14	184	185.256	0.081	11.0	0.1280	0.0000	OK
360 minute summer	S15	184	184.930	0.063	14.0	0.0995	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S1	1.000	J1	1.5	0.539	0.171	0.0229	
360 minute summer	S2	1.012	J12	11.8	0.724	0.394	0.0243	
360 minute summer	S3	1.019	J18	15.9	0.984	0.299	0.0838	
360 minute summer	S4	1.022	BASIN 1	27.1	0.913	0.162	1.1778	
360 minute summer	S5	1.024	SWALE 1	3.6	0.373	0.043	0.1944	
360 minute summer	S6	1.026	BASIN 2	3.6	0.459	0.041	0.0525	
360 minute summer	S7	1.028	SWALE 2	3.3	0.544	0.011	0.1047	
360 minute summer	S8	1.030	S9	3.3	0.574	0.013	0.0704	
360 minute summer	S9	1.031	S10	3.3	0.607	0.039	0.0876	
360 minute summer	S10	1.032	SWALE 3	20.2	1.038	0.061	0.0857	
360 minute summer	S11	32.000	J28	1.9	0.586	0.317	0.0146	
360 minute summer	S12	32.003	J30	5.0	0.598	0.374	0.0425	
360 minute summer	S13	32.007	J33	8.3	1.471	0.085	0.0733	
360 minute summer	S14	32.009	J34	10.9	0.820	0.216	0.0699	
360 minute summer	S15	32.013	J37	14.0	1.609	0.152	0.0813	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.540	0.053	16.6	0.0809	0.0000	OK
360 minute summer	S17	184	186.194	0.044	2.2	0.0706	0.0000	OK
360 minute summer	S18	336	185.993	0.169	5.8	0.2493	0.0000	OK
360 minute summer	S19	336	185.993	0.227	9.0	0.3265	0.0000	SURCHARGED
360 minute summer	S20	200	184.666	0.024	0.7	0.0271	0.0000	OK
360 minute summer	S21	184	184.461	0.052	2.9	0.0687	0.0000	OK
360 minute summer	S22	192	184.321	0.090	5.9	0.1163	0.0000	OK
360 minute summer	S23	192	184.304	0.106	8.4	0.1367	0.0000	OK
360 minute summer	S24	192	184.149	0.132	16.1	0.1736	0.0000	OK
360 minute summer	S25	192	184.091	0.121	18.1	0.1669	0.0000	OK
360 minute summer	S26	184	185.406	0.029	1.9	0.0426	0.0000	OK
360 minute summer	FC1	200	188.563	0.313	0.7	0.4043	0.0000	SURCHARGED
360 minute summer	FC2	200	188.464	0.314	0.7	0.4055	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S16	32.015	J38	16.6	0.966	0.052	0.0408	
360 minute summer	S17	23.001	J20	2.2	0.681	0.373	0.0233	
360 minute summer	S18	23.006	J24	5.7	0.460	0.179	0.0597	
360 minute summer	S19	23.010	J27	9.0	0.588	0.299	0.3540	
360 minute summer	S20	48.001	J41	0.7	0.496	0.116	0.0065	
360 minute summer	S21	48.004	J43	2.9	0.482	0.217	0.0307	
360 minute summer	S22	48.008	J46	5.9	0.397	0.188	0.0368	
360 minute summer	S23	48.011	J48	8.4	0.476	0.272	0.0201	
360 minute summer	S24	48.018	J56	16.1	0.553	0.301	0.1237	
360 minute summer	S25	48.021	BASIN 4	18.1	0.761	0.340	0.0916	
360 minute summer	S26	65.001	J54	1.9	0.699	0.181	0.0230	
360 minute summer	FC1	2.000	J1	0.5	0.286	0.088	0.0115	
360 minute summer	FC1	Infiltration		0.0				0.0
360 minute summer	FC2	3.000	J2	0.5	0.464	0.092	0.0054	
360 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC3	200	188.694	0.494	0.9	0.6670	0.0000	SURCHARGED
360 minute summer	FC4	192	188.380	0.180	0.5	0.2256	0.0000	SURCHARGED
360 minute summer	FC5	200	188.314	0.314	0.7	0.4056	0.0000	SURCHARGED
360 minute summer	FC6	192	188.029	0.179	0.5	0.2243	0.0000	SURCHARGED
360 minute summer	FC7	192	187.931	0.181	0.5	0.2260	0.0000	SURCHARGED
360 minute summer	FC8	192	188.060	0.310	0.7	0.4006	0.0000	SURCHARGED
360 minute summer	FC9	192	187.652	0.182	0.5	0.2277	0.0000	SURCHARGED
360 minute summer	FC10	200	187.963	0.493	0.9	0.6664	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC3	4.000	J3	0.7	0.519	0.111	0.0125	
360 minute summer	FC3	Infiltration		0.0				0.0
360 minute summer	FC4	5.000	J4	0.4	0.504	0.055	0.0060	
360 minute summer	FC4	Infiltration		0.0				0.0
360 minute summer	FC5	6.000	J5	0.5	0.462	0.092	0.0049	
360 minute summer	FC5	Infiltration		0.0				0.0
360 minute summer	FC6	7.000	J6	0.4	0.561	0.047	0.0054	
360 minute summer	FC6	Infiltration		0.0				0.0
360 minute summer	FC7	8.000	J7	0.4	0.487	0.058	0.0061	
360 minute summer	FC7	Infiltration		0.0				0.0
360 minute summer	FC8	9.000	J8	0.5	0.648	0.057	0.0035	
360 minute summer	FC8	Infiltration		0.0				0.0
360 minute summer	FC9	10.000	J9	0.4	0.430	0.069	0.0069	
360 minute summer	FC9	Infiltration		0.0				0.0
360 minute summer	FC10	11.000	J10	0.7	0.539	0.105	0.0080	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC11	200	187.634	0.314	0.7	0.4054	0.0000	SURCHARGED
360 minute summer	FC12	200	187.544	0.314	0.7	0.4054	0.0000	SURCHARGED
360 minute summer	FC13	200	187.314	0.314	0.7	0.4053	0.0000	SURCHARGED
360 minute summer	FC14	216	187.010	0.110	0.7	1.3989	0.0000	SURCHARGED
360 minute summer	FC15	192	187.377	0.176	0.5	0.2208	0.0000	SURCHARGED
360 minute summer	FC16	192	187.082	0.181	0.5	0.2271	0.0000	SURCHARGED
360 minute summer	FC17	192	187.178	0.177	0.5	0.2220	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC10	Infiltration		0.0				0.0
360 minute summer	FC11	12.000	J11	0.5	0.466	0.093	0.0091	
360 minute summer	FC11	Infiltration		0.0				0.0
360 minute summer	FC12	13.000	S2	0.5	0.466	0.093	0.0081	
360 minute summer	FC12	Infiltration		0.0				0.0
360 minute summer	FC13	14.000	J12	0.5	0.467	0.092	0.0080	
360 minute summer	FC13	Infiltration		0.0				0.0
360 minute summer	FC14	15.000	J13	0.3	0.397	0.052	0.0059	
360 minute summer	FC14	Infiltration		0.0				0.0
360 minute summer	FC15	16.000	J14	0.4	0.906	0.024	0.0021	
360 minute summer	FC15	Infiltration		0.0				0.0
360 minute summer	FC16	17.000	J15	0.4	0.449	0.065	0.0069	
360 minute summer	FC16	Infiltration		0.0				0.0
360 minute summer	FC17	18.000	J16	0.4	0.710	0.034	0.0028	
360 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC18	192	186.732	0.182	0.5	0.2277	0.0000	SURCHARGED
360 minute summer	FC19	200	186.714	0.314	0.7	0.4054	0.0000	SURCHARGED
360 minute summer	FC20	192	187.258	0.308	0.7	0.3970	0.0000	SURCHARGED
360 minute summer	FC21	200	186.614	0.314	0.7	0.4054	0.0000	SURCHARGED
360 minute summer	FC22	208	186.535	0.085	0.5	0.8224	0.0000	OK
360 minute summer	FC23	192	186.477	0.177	0.5	0.2216	0.0000	SURCHARGED
360 minute summer	FC24	192	186.608	0.308	0.7	0.3978	0.0000	SURCHARGED
360 minute summer	FC25	192	186.858	0.308	0.7	0.3971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC18	19.000	J17	0.4	0.428	0.069	0.0067	
360 minute summer	FC18	Infiltration		0.0				0.0
360 minute summer	FC19	20.000	S3	0.5	0.464	0.093	0.0078	
360 minute summer	FC19	Infiltration		0.0				0.0
360 minute summer	FC20	21.000	J18	0.5	0.934	0.034	0.0025	
360 minute summer	FC20	Infiltration		0.0				0.0
360 minute summer	FC21	22.000	J19	0.5	0.466	0.093	0.0090	
360 minute summer	FC21	Infiltration		0.0				0.0
360 minute summer	FC22	23.000	S17	0.3	0.307	0.018	0.0088	
360 minute summer	FC22	Infiltration		0.0				0.0
360 minute summer	FC23	24.000	J20	0.4	0.752	0.031	0.0025	
360 minute summer	FC23	Infiltration		0.0				0.0
360 minute summer	FC24	25.000	J21	0.5	0.844	0.040	0.0030	
360 minute summer	FC24	Infiltration		0.0				0.0
360 minute summer	FC25	26.000	J22	0.5	0.927	0.035	0.0028	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC26	208	186.533	0.083	0.5	0.8390	0.0000	OK
360 minute summer	FC27	192	186.677	0.176	0.5	0.2208	0.0000	SURCHARGED
360 minute summer	FC28	192	186.808	0.308	0.7	0.3970	0.0000	SURCHARGED
360 minute summer	FC29	192	186.808	0.308	0.7	0.3972	0.0000	SURCHARGED
360 minute summer	FC30	192	187.058	0.308	0.7	0.3975	0.0000	SURCHARGED
360 minute summer	FC31	192	186.629	0.179	0.5	0.2238	0.0000	SURCHARGED
360 minute summer	FC32	192	186.627	0.177	0.5	0.2217	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC25	Infiltration		0.0				0.0
360 minute summer	FC26	27.000	J23	0.3	0.665	0.020	0.0019	
360 minute summer	FC26	Infiltration		0.0				0.0
360 minute summer	FC27	28.000	J24	0.4	1.054	0.019	0.0090	
360 minute summer	FC27	Infiltration		0.0				0.0
360 minute summer	FC28	29.000	J25	0.5	0.932	0.034	0.0026	
360 minute summer	FC28	Infiltration		0.0				0.0
360 minute summer	FC29	30.000	J26	0.5	0.908	0.036	0.0029	
360 minute summer	FC29	Infiltration		0.0				0.0
360 minute summer	FC30	31.000	J27	0.5	0.871	0.038	0.0028	
360 minute summer	FC30	Infiltration		0.0				0.0
360 minute summer	FC31	33.000	J28	0.4	0.258	0.045	0.0085	
360 minute summer	FC31	Infiltration		0.0				0.0
360 minute summer	FC32	34.000	J29	0.4	0.229	0.032	0.0092	
360 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC33	192	186.758	0.308	0.7	0.3975	0.0000	SURCHARGED
360 minute summer	FC34	200	186.764	0.314	0.7	0.4050	0.0000	SURCHARGED
360 minute summer	FC35	192	186.758	0.308	0.7	0.3976	0.0000	SURCHARGED
360 minute summer	FC36	192	186.758	0.308	0.7	0.3972	0.0000	SURCHARGED
360 minute summer	FC37	200	186.291	0.491	0.9	0.6629	0.0000	SURCHARGED
360 minute summer	FC38	208	185.526	0.076	0.5	0.9138	0.0000	OK
360 minute summer	FC39	192	185.627	0.177	0.5	0.2212	0.0000	SURCHARGED
360 minute summer	FC40	192	185.807	0.307	0.7	0.3963	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC33	35.000	S12	0.5	0.856	0.039	0.0037	
360 minute summer	FC33	Infiltration		0.0				0.0
360 minute summer	FC34	36.000	J30	0.5	0.478	0.089	0.0055	
360 minute summer	FC34	Infiltration		0.0				0.0
360 minute summer	FC35	37.000	J31	0.5	0.862	0.038	0.0033	
360 minute summer	FC35	Infiltration		0.0				0.0
360 minute summer	FC36	38.000	J32	0.5	0.904	0.036	0.0030	
360 minute summer	FC36	Infiltration		0.0				0.0
360 minute summer	FC37	39.000	J33	0.7	0.662	0.078	0.0069	
360 minute summer	FC37	Infiltration		0.0				0.0
360 minute summer	FC38	40.000	J34	0.3	0.629	0.021	0.0019	
360 minute summer	FC38	Infiltration		0.0				0.0
360 minute summer	FC39	41.000	J35	0.4	0.797	0.028	0.0023	
360 minute summer	FC39	Infiltration		0.0				0.0
360 minute summer	FC40	42.000	J36	0.5	1.060	0.029	0.0026	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC41	192	185.160	0.310	0.7	0.3997	0.0000	SURCHARGED
360 minute summer	FC42	192	184.911	0.311	0.7	0.4014	0.0000	SURCHARGED
360 minute summer	FC43	192	184.910	0.310	0.7	0.3999	0.0000	SURCHARGED
360 minute summer	FC44	184	184.615	0.015	0.5	0.0189	0.0000	OK
360 minute summer	FC45	192	184.777	0.177	0.5	0.2217	0.0000	SURCHARGED
360 minute summer	FC46	200	185.194	0.494	0.9	0.6678	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	192	185.108	0.308	0.7	0.3975	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC40	Infiltration		0.0				0.0
360 minute summer	FC41	43.000	J37	0.5	0.694	0.052	0.0040	
360 minute summer	FC41	Infiltration		0.0				0.0
360 minute summer	FC42	44.000	J38	0.5	0.604	0.063	0.0045	
360 minute summer	FC42	Infiltration		0.0				0.0
360 minute summer	FC43	45.000	J39	0.5	0.686	0.053	0.0035	
360 minute summer	FC43	Infiltration		0.0				0.0
360 minute summer	FC44	46.000	J40	0.5	0.680	0.046	0.0032	
360 minute summer	FC44	Infiltration		0.0				0.0
360 minute summer	FC45	47.000	S10	0.4	0.742	0.031	0.0025	
360 minute summer	FC45	Infiltration		0.0				0.0
360 minute summer	FC46	48.000	S20	0.7	0.486	0.117	0.0086	
360 minute summer	FC46	Infiltration		0.0				0.0
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0036	
360 minute summer	FC48	50.000	J42	0.5	0.412	0.039	0.0070	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC49	200	185.114	0.314	0.7	0.4056	0.0000	SURCHARGED
360 minute summer	FC50	200	185.114	0.314	0.7	0.4056	0.0000	SURCHARGED
360 minute summer	FC51	200	185.164	0.314	0.7	0.4054	0.0000	SURCHARGED
360 minute summer	FC52	192	185.560	0.310	0.7	0.4000	0.0000	SURCHARGED
360 minute summer	FC53	192	185.561	0.310	0.7	0.4008	0.0000	SURCHARGED
360 minute summer	FC54	192	185.428	0.178	0.5	0.2229	0.0000	SURCHARGED
360 minute summer	FC55	192	185.427	0.177	0.5	0.2211	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC48	Infiltration		0.0				0.0
360 minute summer	FC49	51.000	S21	0.5	0.462	0.092	0.0052	
360 minute summer	FC49	Infiltration		0.0				0.0
360 minute summer	FC50	52.000	J43	0.5	0.463	0.093	0.0055	
360 minute summer	FC50	Infiltration		0.0				0.0
360 minute summer	FC51	55.000	S22	0.5	0.465	0.093	0.0072	
360 minute summer	FC51	Infiltration		0.0				0.0
360 minute summer	FC52	58.000	S23	0.5	0.675	0.054	0.0044	
360 minute summer	FC52	Infiltration		0.0				0.0
360 minute summer	FC53	61.000	J50	0.5	0.634	0.059	0.0037	
360 minute summer	FC53	Infiltration		0.0				0.0
360 minute summer	FC54	62.000	J51	0.4	0.648	0.038	0.0025	
360 minute summer	FC54	Infiltration		0.0				0.0
360 minute summer	FC55	64.000	J53	0.4	0.815	0.027	0.0021	
360 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC56	192	185.527	0.177	0.5	0.2209	0.0000	SURCHARGED
360 minute summer	FC57	192	185.527	0.177	0.5	0.2213	0.0000	SURCHARGED
360 minute summer	FC58	192	185.527	0.177	0.5	0.2215	0.0000	SURCHARGED
360 minute summer	FC59	192	185.528	0.178	0.5	0.2221	0.0000	SURCHARGED
360 minute summer	FC60	192	185.659	0.309	0.7	0.3988	0.0000	SURCHARGED
360 minute summer	FC61	192	185.611	0.311	0.7	0.4013	0.0000	SURCHARGED
360 minute summer	FC62	200	185.742	0.492	0.9	0.6644	0.0000	SURCHARGED
360 minute summer	FC63	192	185.582	0.182	0.5	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC56	53.000	J44	0.4	0.840	0.027	0.0032	
360 minute summer	FC56	Infiltration		0.0				0.0
360 minute summer	FC57	54.000	J45	0.4	0.789	0.029	0.0034	
360 minute summer	FC57	Infiltration		0.0				0.0
360 minute summer	FC58	56.000	J46	0.4	0.758	0.031	0.0034	
360 minute summer	FC58	Infiltration		0.0				0.0
360 minute summer	FC59	57.000	J47	0.4	0.704	0.034	0.0037	
360 minute summer	FC59	Infiltration		0.0				0.0
360 minute summer	FC60	59.000	J48	0.5	0.759	0.046	0.0048	
360 minute summer	FC60	Infiltration		0.0				0.0
360 minute summer	FC61	60.000	J49	0.5	0.608	0.063	0.0067	
360 minute summer	FC61	Infiltration		0.0				0.0
360 minute summer	FC62	63.000	J52	0.7	0.600	0.091	0.0109	
360 minute summer	FC62	Infiltration		0.0				0.0
360 minute summer	FC63	65.000	S26	0.4	0.327	0.069	0.0033	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC64	192	185.337	0.187	0.5	0.2339	0.0000	SURCHARGED
360 minute summer	FC65	192	185.460	0.310	0.7	0.4000	0.0000	SURCHARGED
360 minute summer	FC66	200	185.313	0.313	0.7	0.4039	0.0000	SURCHARGED
360 minute summer	FC67	208	184.884	0.084	0.5	0.8622	0.0000	OK
360 minute summer	FC68	192	184.729	0.179	0.5	0.2245	0.0000	SURCHARGED
360 minute summer	J1	184	188.249	0.049	3.5	0.0719	0.0000	OK
360 minute summer	J2	184	188.123	0.067	4.0	0.0760	0.0000	OK
360 minute summer	J3	184	188.111	0.061	4.6	0.0687	0.0000	OK
360 minute summer	J4	184	188.082	0.043	5.0	0.0483	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC63	Infiltration		0.0				0.0
360 minute summer	FC64	66.000	J54	0.4	0.211	0.070	0.0056	
360 minute summer	FC64	Infiltration		0.0				0.0
360 minute summer	FC65	67.000	J55	0.5	0.304	0.057	0.0044	
360 minute summer	FC65	Infiltration		0.0				0.0
360 minute summer	FC66	68.000	S24	0.5	0.520	0.076	0.0022	
360 minute summer	FC66	Infiltration		0.0				0.0
360 minute summer	FC67	69.000	J56	0.3	0.369	0.045	0.0015	
360 minute summer	FC67	Infiltration		0.0				0.0
360 minute summer	FC68	70.000	J57	0.4	0.562	0.046	0.0017	
360 minute summer	FC68	Infiltration		0.0				0.0
360 minute summer	J1	1.001	J2	3.5	0.961	0.419	0.0182	
360 minute summer	J2	1.002	J3	4.0	0.553	0.295	0.0074	
360 minute summer	J3	1.003	J4	4.6	0.850	0.344	0.0105	
360 minute summer	J4	1.004	J5	4.9	1.288	0.145	0.0136	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J5	184	187.948	0.038	5.4	0.0435	0.0000	OK
360 minute summer	J6	184	187.705	0.054	5.8	0.0616	0.0000	OK
360 minute summer	J7	192	187.591	0.066	6.2	0.0746	0.0000	OK
360 minute summer	J8	192	187.563	0.042	6.6	0.0473	0.0000	OK
360 minute summer	J9	192	187.345	0.070	7.2	0.0794	0.0000	OK
360 minute summer	J10	192	187.311	0.041	7.8	0.0463	0.0000	OK
360 minute summer	J11	192	187.179	0.058	8.4	0.0654	0.0000	OK
360 minute summer	J12	184	186.880	0.071	12.3	0.0808	0.0000	OK
360 minute summer	J13	192	186.740	0.113	12.5	0.1282	0.0000	OK
360 minute summer	J14	192	186.728	0.106	12.9	0.1202	0.0000	OK
360 minute summer	J15	192	186.711	0.094	13.3	0.1067	0.0000	OK
360 minute summer	J16	192	186.678	0.073	13.8	0.0820	0.0000	OK
360 minute summer	J17	192	186.334	0.051	14.2	0.0581	0.0000	OK
360 minute summer	J18	192	186.194	0.069	16.5	0.0778	0.0000	OK
360 minute summer	J19	192	186.143	0.116	17.0	0.1316	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J5	1.005	J6	5.4	1.172	0.142	0.0265	
360 minute summer	J6	1.006	J7	5.8	1.123	0.204	0.0102	
360 minute summer	J7	1.007	J8	6.1	0.848	0.199	0.0083	
360 minute summer	J8	1.008	J9	6.8	0.879	0.076	0.0661	
360 minute summer	J9	1.009	J10	7.2	0.942	0.215	0.0093	
360 minute summer	J10	1.010	J11	7.8	1.231	0.061	0.0159	
360 minute summer	J11	1.011	S2	8.4	0.657	0.130	0.0694	
360 minute summer	J12	1.013	J13	12.2	1.209	0.183	0.0655	
360 minute summer	J13	1.014	J14	12.5	0.537	0.221	0.0442	
360 minute summer	J14	1.015	J15	12.9	0.627	0.229	0.0395	
360 minute summer	J15	1.016	J16	13.3	0.836	0.250	0.0821	
360 minute summer	J16	1.017	J17	13.8	1.163	0.097	0.0398	
360 minute summer	J17	1.018	S3	14.2	1.019	0.046	0.0269	
360 minute summer	J18	1.020	J19	16.5	0.894	0.058	0.0278	
360 minute summer	J19	1.021	S4	17.0	0.751	0.309	0.0999	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J20	184	186.080	0.049	2.6	0.0557	0.0000	OK
360 minute summer	J21	184	186.060	0.051	3.1	0.0578	0.0000	OK
360 minute summer	J22	184	186.022	0.059	3.6	0.0663	0.0000	OK
360 minute summer	J23	192	185.999	0.057	3.8	0.0648	0.0000	OK
360 minute summer	J24	336	185.993	0.176	6.1	0.1987	0.0000	OK
360 minute summer	J25	336	185.993	0.197	6.6	0.2224	0.0000	OK
360 minute summer	J26	336	185.993	0.214	7.1	0.2416	0.0000	OK
360 minute summer	J27	336	185.993	0.257	9.5	0.2901	0.0000	SURCHARGED
360 minute summer	J28	184	186.400	0.044	2.3	0.0502	0.0000	OK
360 minute summer	J29	184	186.321	0.050	2.6	0.0565	0.0000	OK
360 minute summer	J30	184	186.220	0.073	5.5	0.0823	0.0000	OK
360 minute summer	J31	184	186.116	0.071	6.0	0.0808	0.0000	OK
360 minute summer	J32	184	186.079	0.068	6.4	0.0767	0.0000	OK
360 minute summer	J33	184	185.579	0.044	8.9	0.0501	0.0000	OK
360 minute summer	J34	184	185.210	0.085	11.2	0.0964	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J20	23.002	J21	2.6	0.501	0.191	0.0195	
360 minute summer	J21	23.003	J22	3.1	0.527	0.229	0.0467	
360 minute summer	J22	23.004	J23	3.6	0.566	0.263	0.0225	
360 minute summer	J23	23.005	S18	3.8	0.633	0.281	0.0631	
360 minute summer	J24	23.007	J25	6.1	0.472	0.202	0.2166	
360 minute summer	J25	23.008	J26	6.6	0.463	0.217	0.1882	
360 minute summer	J26	23.009	S19	7.0	0.477	0.230	0.1459	
360 minute summer	J27	23.011	S4	9.4	0.680	0.316	0.0951	
360 minute summer	J28	32.001	J29	2.3	0.621	0.380	0.0320	
360 minute summer	J29	32.002	S12	2.6	0.701	0.441	0.0174	
360 minute summer	J30	32.004	J31	5.5	0.681	0.412	0.0399	
360 minute summer	J31	32.005	J32	5.9	0.569	0.198	0.1018	
360 minute summer	J32	32.006	S13	6.4	0.824	0.213	0.0419	
360 minute summer	J33	32.008	S14	8.9	0.986	0.085	0.0836	
360 minute summer	J34	32.010	J35	11.1	1.045	0.288	0.0968	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J35	184	185.131	0.056	11.5	0.0633	0.0000	OK
360 minute summer	J36	184	184.965	0.090	12.0	0.1020	0.0000	OK
360 minute summer	J37	184	184.593	0.093	14.5	0.1050	0.0000	OK
360 minute summer	J38	184	184.422	0.122	17.1	0.1385	0.0000	OK
360 minute summer	J39	184	184.386	0.112	17.5	0.1265	0.0000	OK
360 minute summer	J40	184	184.358	0.093	17.9	0.1048	0.0000	OK
360 minute summer	J41	200	184.620	0.023	0.7	0.0261	0.0000	OK
360 minute summer	J42	200	184.569	0.032	1.2	0.0364	0.0000	OK
360 minute summer	J43	192	184.441	0.061	3.4	0.0687	0.0000	OK
360 minute summer	J44	192	184.428	0.058	3.8	0.0655	0.0000	OK
360 minute summer	J45	192	184.384	0.064	4.2	0.0722	0.0000	OK
360 minute summer	J46	192	184.315	0.093	6.3	0.1052	0.0000	OK
360 minute summer	J47	192	184.309	0.102	6.7	0.1156	0.0000	OK
360 minute summer	J48	192	184.296	0.102	8.9	0.1152	0.0000	OK
360 minute summer	J49	192	184.284	0.115	9.5	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J35	32.011	J36	11.5	1.028	0.129	0.0775	
360 minute summer	J36	32.012	S15	12.0	1.003	0.398	0.0284	
360 minute summer	J37	32.014	S16	14.5	1.097	0.262	0.0697	
360 minute summer	J38	32.016	J39	17.0	0.667	0.315	0.2755	
360 minute summer	J39	32.017	J40	17.4	0.823	0.319	0.0775	
360 minute summer	J40	32.018	S10	17.9	1.024	0.179	0.1670	
360 minute summer	J41	48.002	J42	0.7	0.394	0.117	0.0110	
360 minute summer	J42	48.003	S21	1.2	0.585	0.211	0.0174	
360 minute summer	J43	48.005	J44	3.4	0.528	0.244	0.0104	
360 minute summer	J44	48.006	J45	3.8	0.571	0.287	0.0588	
360 minute summer	J45	48.007	S22	4.2	0.637	0.313	0.0159	
360 minute summer	J46	48.009	J47	6.3	0.385	0.205	0.0695	
360 minute summer	J47	48.010	S23	6.7	0.375	0.223	0.0474	
360 minute summer	J48	48.012	J49	8.9	0.479	0.299	0.1406	
360 minute summer	J49	48.013	J50	9.5	0.482	0.310	0.0225	

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J50	192	184.275	0.110	10.0	0.1245	0.0000	OK
360 minute summer	J51	192	184.262	0.114	10.5	0.1289	0.0000	OK
360 minute summer	J52	192	184.251	0.107	11.1	0.1205	0.0000	OK
360 minute summer	J53	192	184.228	0.101	11.6	0.1141	0.0000	OK
360 minute summer	J54	184	185.175	0.046	2.2	0.0522	0.0000	OK
360 minute summer	J55	184	185.137	0.043	2.7	0.0491	0.0000	OK
360 minute summer	J56	192	184.134	0.127	16.4	0.1439	0.0000	OK
360 minute summer	J57	192	184.112	0.127	16.8	0.1441	0.0000	OK
360 minute summer	BASIN 1	336	185.992	1.067	27.9	131.8305	0.0000	SURCHARGED
360 minute summer	BASIN 2	448	184.848	0.548	3.7	55.3789	0.0000	OK
360 minute summer	BASIN 3	600	183.103	0.003	23.0	189.2633	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J50	48.014	J51	10.1	0.510	0.336	0.1001	
360 minute summer	J51	48.015	J52	10.5	0.542	0.342	0.0219	
360 minute summer	J52	48.016	J53	11.1	0.624	0.366	0.0870	
360 minute summer	J53	48.017	S24	11.6	0.732	0.384	0.1622	
360 minute summer	J54	65.002	J55	2.2	0.658	0.377	0.0124	
360 minute summer	J55	65.003	S24	2.7	0.863	0.358	0.0248	
360 minute summer	J56	48.019	J57	16.4	0.575	0.302	0.2585	
360 minute summer	J57	48.020	S25	16.8	0.611	0.308	0.1681	
360 minute summer	BASIN 1	1.023	S5	3.6	0.159	0.043	0.9418	
360 minute summer	BASIN 1	Infiltration		0.1				3.4
360 minute summer	BASIN 2	1.027	S7	3.3	0.548	0.040	0.1351	
360 minute summer	BASIN 2	71.000	BH1	1.1	0.549	0.180	0.1829	
360 minute summer	BASIN 2	Infiltration		0.0				0.0
360 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0008	
360 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	BASIN 4	392	183.773	0.443	20.2	131.0128	0.0000	SURCHARGED
360 minute summer	SWALE 1	336	184.928	0.054	3.6	0.0766	0.0000	OK
360 minute summer	SWALE 2	448	184.426	0.051	3.3	0.0729	0.0000	OK
360 minute summer	SWALE 3	184	184.098	0.103	20.2	0.1471	0.0000	OK
360 minute summer	BH1	448	184.848	0.771	1.1	3.0361	0.0000	OK
360 minute summer	BH2	600	183.083	0.000	0.0	0.0002	0.0000	OK
360 minute summer	BH3	392	183.773	0.454	1.1	3.7257	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	BASIN 4	48.022	BH3	1.1	0.423	0.021	0.3211	
360 minute summer	BASIN 4	Infiltration		0.0				0.0
360 minute summer	SWALE 1	1.025	S6	3.6	0.383	0.043	0.3522	
360 minute summer	SWALE 2	1.029	S8	3.3	0.525	0.040	0.1663	
360 minute summer	SWALE 3	1.033	BASIN 3	20.0	0.834	0.160	1.0357	
360 minute summer	BH1	Infiltration		0.1				3.0
360 minute summer	BH2	Infiltration		0.0				0.0
360 minute summer	BH3	Infiltration		0.2				5.7

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	176	188.392	0.022	0.9	0.0320	0.0000	OK
360 minute winter	S2	184	187.126	0.087	8.4	0.1501	0.0000	OK
360 minute winter	S3	192	186.221	0.084	11.5	0.1122	0.0000	OK
360 minute winter	S4	344	186.008	0.630	19.9	0.8077	0.0000	SURCHARGED
360 minute winter	S5	344	186.008	1.098	3.6	1.5708	0.0000	SURCHARGED
360 minute winter	S6	424	184.861	0.053	3.6	0.0762	0.0000	OK
360 minute winter	S7	448	184.787	0.028	3.3	0.0394	0.0000	OK
360 minute winter	S8	448	184.360	0.029	3.3	0.0422	0.0000	OK
360 minute winter	S9	192	184.172	0.047	3.3	0.0675	0.0000	OK
360 minute winter	S10	192	184.172	0.059	14.6	0.1077	0.0000	OK
360 minute winter	S11	192	186.432	0.032	1.2	0.0504	0.0000	OK
360 minute winter	S12	192	186.232	0.056	3.4	0.0833	0.0000	OK
360 minute winter	S13	192	186.031	0.038	5.7	0.0567	0.0000	OK
360 minute winter	S14	192	185.241	0.066	7.7	0.1044	0.0000	OK
360 minute winter	S15	192	184.920	0.053	10.0	0.0829	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S1	1.000	J1	0.9	0.471	0.103	0.0161	
360 minute winter	S2	1.012	J12	8.4	0.658	0.282	0.0191	
360 minute winter	S3	1.019	J18	11.5	0.937	0.216	0.0639	
360 minute winter	S4	1.022	BASIN 1	19.5	1.028	0.116	1.1778	
360 minute winter	S5	1.024	SWALE 1	3.6	0.373	0.043	0.1954	
360 minute winter	S6	1.026	BASIN 2	3.6	0.460	0.041	0.0526	
360 minute winter	S7	1.028	SWALE 2	3.3	0.544	0.011	0.1049	
360 minute winter	S8	1.030	S9	3.3	0.574	0.013	0.0705	
360 minute winter	S9	1.031	S10	3.3	0.608	0.039	0.0638	
360 minute winter	S10	1.032	SWALE 3	14.5	0.964	0.044	0.0665	
360 minute winter	S11	32.000	J28	1.2	0.522	0.202	0.0104	
360 minute winter	S12	32.003	J30	3.4	0.545	0.253	0.0315	
360 minute winter	S13	32.007	J33	5.7	1.318	0.059	0.0567	
360 minute winter	S14	32.009	J34	7.7	0.749	0.152	0.0539	
360 minute winter	S15	32.013	J37	10.0	1.472	0.108	0.0634	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.529	0.042	11.8	0.0643	0.0000	OK
360 minute winter	S17	184	186.186	0.036	1.5	0.0569	0.0000	OK
360 minute winter	S18	344	186.008	0.184	4.1	0.2724	0.0000	OK
360 minute winter	S19	344	186.008	0.242	6.4	0.3490	0.0000	SURCHARGED
360 minute winter	S20	200	184.664	0.022	0.6	0.0243	0.0000	OK
360 minute winter	S21	200	184.453	0.043	2.1	0.0577	0.0000	OK
360 minute winter	S22	200	184.302	0.071	4.3	0.0922	0.0000	OK
360 minute winter	S23	200	184.284	0.086	6.1	0.1109	0.0000	OK
360 minute winter	S24	192	184.127	0.110	11.7	0.1442	0.0000	OK
360 minute winter	S25	192	184.072	0.102	13.2	0.1416	0.0000	OK
360 minute winter	S26	192	185.401	0.024	1.3	0.0354	0.0000	OK
360 minute winter	FC1	208	188.420	0.170	0.4	0.2200	0.0000	SURCHARGED
360 minute winter	FC2	208	188.321	0.171	0.4	0.2211	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S16	32.015	J38	11.8	0.908	0.037	0.0313	
360 minute winter	S17	23.001	J20	1.5	0.617	0.255	0.0175	
360 minute winter	S18	23.006	J24	4.1	0.433	0.127	0.0649	
360 minute winter	S19	23.010	J27	6.4	0.539	0.213	0.3541	
360 minute winter	S20	48.001	J41	0.6	0.468	0.095	0.0056	
360 minute winter	S21	48.004	J43	2.1	0.453	0.161	0.0242	
360 minute winter	S22	48.008	J46	4.3	0.393	0.138	0.0268	
360 minute winter	S23	48.011	J48	6.1	0.453	0.198	0.0152	
360 minute winter	S24	48.018	J56	11.7	0.516	0.219	0.0965	
360 minute winter	S25	48.021	BASIN 4	13.2	0.696	0.248	0.0733	
360 minute winter	S26	65.001	J54	1.3	0.631	0.125	0.0177	
360 minute winter	FC1	2.000	J1	0.4	0.248	0.064	0.0084	
360 minute winter	FC1	Infiltration		0.0				0.0
360 minute winter	FC2	3.000	J2	0.4	0.423	0.067	0.0042	
360 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC3	200	188.534	0.334	0.6	0.4514	0.0000	SURCHARGED
360 minute winter	FC4	216	188.302	0.102	0.3	0.1274	0.0000	SURCHARGED
360 minute winter	FC5	208	188.171	0.171	0.4	0.2212	0.0000	SURCHARGED
360 minute winter	FC6	216	187.951	0.101	0.3	0.1262	0.0000	SURCHARGED
360 minute winter	FC7	216	187.852	0.102	0.3	0.1278	0.0000	SURCHARGED
360 minute winter	FC8	208	187.918	0.168	0.4	0.2164	0.0000	SURCHARGED
360 minute winter	FC9	216	187.573	0.103	0.3	0.1294	0.0000	SURCHARGED
360 minute winter	FC10	200	187.804	0.334	0.6	0.4508	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC3	4.000	J3	0.6	0.490	0.091	0.0108	
360 minute winter	FC3	Infiltration		0.0				0.0
360 minute winter	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
360 minute winter	FC4	Infiltration		0.0				0.0
360 minute winter	FC5	6.000	J5	0.4	0.421	0.067	0.0039	
360 minute winter	FC5	Infiltration		0.0				0.0
360 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
360 minute winter	FC6	Infiltration		0.0				0.0
360 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
360 minute winter	FC7	Infiltration		0.0				0.0
360 minute winter	FC8	9.000	J8	0.4	0.590	0.041	0.0028	
360 minute winter	FC8	Infiltration		0.0				0.0
360 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
360 minute winter	FC9	Infiltration		0.0				0.0
360 minute winter	FC10	11.000	J10	0.6	0.509	0.085	0.0069	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC11	208	187.491	0.171	0.4	0.2209	0.0000	SURCHARGED
360 minute winter	FC12	208	187.401	0.171	0.4	0.2210	0.0000	SURCHARGED
360 minute winter	FC13	208	187.171	0.171	0.4	0.2209	0.0000	SURCHARGED
360 minute winter	FC14	232	186.991	0.091	0.4	1.1569	0.0000	OK
360 minute winter	FC15	216	187.299	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC16	216	187.003	0.103	0.3	0.1288	0.0000	SURCHARGED
360 minute winter	FC17	216	187.099	0.099	0.3	0.1239	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC10	Infiltration		0.0				0.0
360 minute winter	FC11	12.000	J11	0.4	0.424	0.067	0.0072	
360 minute winter	FC11	Infiltration		0.0				0.0
360 minute winter	FC12	13.000	S2	0.4	0.424	0.067	0.0064	
360 minute winter	FC12	Infiltration		0.0				0.0
360 minute winter	FC13	14.000	J12	0.4	0.425	0.067	0.0064	
360 minute winter	FC13	Infiltration		0.0				0.0
360 minute winter	FC14	15.000	J13	0.3	0.384	0.047	0.0055	
360 minute winter	FC14	Infiltration		0.0				0.0
360 minute winter	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
360 minute winter	FC15	Infiltration		0.0				0.0
360 minute winter	FC16	17.000	J15	0.3	0.410	0.047	0.0056	
360 minute winter	FC16	Infiltration		0.0				0.0
360 minute winter	FC17	18.000	J16	0.3	0.647	0.024	0.0022	
360 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC18	216	186.654	0.104	0.3	0.1295	0.0000	SURCHARGED
360 minute winter	FC19	208	186.571	0.171	0.4	0.2210	0.0000	SURCHARGED
360 minute winter	FC20	208	187.115	0.165	0.4	0.2126	0.0000	SURCHARGED
360 minute winter	FC21	208	186.471	0.171	0.4	0.2209	0.0000	SURCHARGED
360 minute winter	FC22	224	186.521	0.071	0.3	0.6830	0.0000	OK
360 minute winter	FC23	216	186.399	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC24	208	186.465	0.165	0.4	0.2135	0.0000	SURCHARGED
360 minute winter	FC25	208	186.715	0.165	0.4	0.2127	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
360 minute winter	FC18	Infiltration		0.0				0.0
360 minute winter	FC19	20.000	S3	0.4	0.423	0.067	0.0062	
360 minute winter	FC19	Infiltration		0.0				0.0
360 minute winter	FC20	21.000	J18	0.4	0.849	0.025	0.0020	
360 minute winter	FC20	Infiltration		0.0				0.0
360 minute winter	FC21	22.000	J19	0.4	0.424	0.067	0.0071	
360 minute winter	FC21	Infiltration		0.0				0.0
360 minute winter	FC22	23.000	S17	0.2	0.289	0.016	0.0067	
360 minute winter	FC22	Infiltration		0.0				0.0
360 minute winter	FC23	24.000	J20	0.3	0.686	0.023	0.0020	
360 minute winter	FC23	Infiltration		0.0				0.0
360 minute winter	FC24	25.000	J21	0.4	0.766	0.029	0.0024	
360 minute winter	FC24	Infiltration		0.0				0.0
360 minute winter	FC25	26.000	J22	0.4	0.842	0.025	0.0022	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC26	224	186.520	0.070	0.3	0.7013	0.0000	OK
360 minute winter	FC27	216	186.599	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC28	208	186.665	0.165	0.4	0.2126	0.0000	SURCHARGED
360 minute winter	FC29	208	186.665	0.165	0.4	0.2128	0.0000	SURCHARGED
360 minute winter	FC30	208	186.915	0.165	0.4	0.2132	0.0000	SURCHARGED
360 minute winter	FC31	216	186.551	0.100	0.3	0.1257	0.0000	SURCHARGED
360 minute winter	FC32	216	186.549	0.099	0.3	0.1238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC25	Infiltration		0.0				0.0
360 minute winter	FC26	27.000	J23	0.2	0.646	0.018	0.0018	
360 minute winter	FC26	Infiltration		0.0				0.0
360 minute winter	FC27	28.000	J24	0.3	0.961	0.014	0.0126	
360 minute winter	FC27	Infiltration		0.0				0.0
360 minute winter	FC28	29.000	J25	0.4	0.847	0.025	0.0020	
360 minute winter	FC28	Infiltration		0.0				0.0
360 minute winter	FC29	30.000	J26	0.4	0.824	0.026	0.0023	
360 minute winter	FC29	Infiltration		0.0				0.0
360 minute winter	FC30	31.000	J27	0.4	0.791	0.027	0.0022	
360 minute winter	FC30	Infiltration		0.0				0.0
360 minute winter	FC31	33.000	J28	0.3	0.238	0.033	0.0064	
360 minute winter	FC31	Infiltration		0.0				0.0
360 minute winter	FC32	34.000	J29	0.3	0.213	0.024	0.0070	
360 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC33	208	186.615	0.165	0.4	0.2134	0.0000	SURCHARGED
360 minute winter	FC34	208	186.621	0.171	0.4	0.2206	0.0000	SURCHARGED
360 minute winter	FC35	208	186.615	0.165	0.4	0.2133	0.0000	SURCHARGED
360 minute winter	FC36	208	186.615	0.165	0.4	0.2129	0.0000	SURCHARGED
360 minute winter	FC37	200	186.131	0.331	0.6	0.4474	0.0000	SURCHARGED
360 minute winter	FC38	224	185.516	0.065	0.3	0.7850	0.0000	OK
360 minute winter	FC39	216	185.549	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC40	208	185.665	0.165	0.4	0.2125	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC33	35.000	S12	0.4	0.777	0.028	0.0021	
360 minute winter	FC33	Infiltration		0.0				0.0
360 minute winter	FC34	36.000	J30	0.4	0.435	0.064	0.0043	
360 minute winter	FC34	Infiltration		0.0				0.0
360 minute winter	FC35	37.000	J31	0.4	0.782	0.028	0.0026	
360 minute winter	FC35	Infiltration		0.0				0.0
360 minute winter	FC36	38.000	J32	0.4	0.820	0.026	0.0024	
360 minute winter	FC36	Infiltration		0.0				0.0
360 minute winter	FC37	39.000	J33	0.6	0.624	0.064	0.0060	
360 minute winter	FC37	Infiltration		0.0				0.0
360 minute winter	FC38	40.000	J34	0.2	0.613	0.019	0.0018	
360 minute winter	FC38	Infiltration		0.0				0.0
360 minute winter	FC39	41.000	J35	0.3	0.726	0.021	0.0018	
360 minute winter	FC39	Infiltration		0.0				0.0
360 minute winter	FC40	42.000	J36	0.4	0.963	0.021	0.0021	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC41	208	185.017	0.167	0.4	0.2156	0.0000	SURCHARGED
360 minute winter	FC42	208	184.768	0.168	0.4	0.2173	0.0000	SURCHARGED
360 minute winter	FC43	208	184.767	0.167	0.4	0.2157	0.0000	SURCHARGED
360 minute winter	FC44	160	184.612	0.012	0.3	0.0148	0.0000	OK
360 minute winter	FC45	216	184.699	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC46	200	185.035	0.335	0.6	0.4522	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	208	184.965	0.165	0.4	0.2132	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC40	Infiltration		0.0				0.0
360 minute winter	FC41	43.000	J37	0.4	0.631	0.038	0.0032	
360 minute winter	FC41	Infiltration		0.0				0.0
360 minute winter	FC42	44.000	J38	0.4	0.551	0.046	0.0035	
360 minute winter	FC42	Infiltration		0.0				0.0
360 minute winter	FC43	45.000	J39	0.4	0.624	0.038	0.0027	
360 minute winter	FC43	Infiltration		0.0				0.0
360 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
360 minute winter	FC44	Infiltration		0.0				0.0
360 minute winter	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
360 minute winter	FC45	Infiltration		0.0				0.0
360 minute winter	FC46	48.000	S20	0.6	0.461	0.095	0.0074	
360 minute winter	FC46	Infiltration		0.0				0.0
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0031	
360 minute winter	FC48	50.000	J42	0.4	0.360	0.028	0.0058	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC49	208	184.971	0.171	0.4	0.2212	0.0000	SURCHARGED
360 minute winter	FC50	208	184.971	0.171	0.4	0.2211	0.0000	SURCHARGED
360 minute winter	FC51	208	185.021	0.171	0.4	0.2210	0.0000	SURCHARGED
360 minute winter	FC52	208	185.417	0.167	0.4	0.2159	0.0000	SURCHARGED
360 minute winter	FC53	208	185.418	0.168	0.4	0.2166	0.0000	SURCHARGED
360 minute winter	FC54	216	185.350	0.100	0.3	0.1247	0.0000	OK
360 minute winter	FC55	216	185.349	0.099	0.3	0.1238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC48	Infiltration		0.0				0.0
360 minute winter	FC49	51.000	S21	0.4	0.421	0.067	0.0041	
360 minute winter	FC49	Infiltration		0.0				0.0
360 minute winter	FC50	52.000	J43	0.4	0.422	0.067	0.0044	
360 minute winter	FC50	Infiltration		0.0				0.0
360 minute winter	FC51	55.000	S22	0.4	0.423	0.067	0.0057	
360 minute winter	FC51	Infiltration		0.0				0.0
360 minute winter	FC52	58.000	S23	0.4	0.614	0.039	0.0035	
360 minute winter	FC52	Infiltration		0.0				0.0
360 minute winter	FC53	61.000	J50	0.4	0.578	0.043	0.0029	
360 minute winter	FC53	Infiltration		0.0				0.0
360 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
360 minute winter	FC54	Infiltration		0.0				0.0
360 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
360 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC56	216	185.449	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC57	216	185.449	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC58	216	185.449	0.099	0.3	0.1238	0.0000	OK
360 minute winter	FC59	216	185.449	0.099	0.3	0.1239	0.0000	OK
360 minute winter	FC60	208	185.516	0.166	0.4	0.2145	0.0000	SURCHARGED
360 minute winter	FC61	208	185.468	0.168	0.4	0.2171	0.0000	SURCHARGED
360 minute winter	FC62	200	185.582	0.332	0.6	0.4489	0.0000	SURCHARGED
360 minute winter	FC63	216	185.503	0.103	0.3	0.1292	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
360 minute winter	FC56	Infiltration		0.0				0.0
360 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
360 minute winter	FC57	Infiltration		0.0				0.0
360 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
360 minute winter	FC58	Infiltration		0.0				0.0
360 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
360 minute winter	FC59	Infiltration		0.0				0.0
360 minute winter	FC60	59.000	J48	0.4	0.689	0.033	0.0038	
360 minute winter	FC60	Infiltration		0.0				0.0
360 minute winter	FC61	60.000	J49	0.4	0.554	0.046	0.0053	
360 minute winter	FC61	Infiltration		0.0				0.0
360 minute winter	FC62	63.000	J52	0.6	0.565	0.074	0.0094	
360 minute winter	FC62	Infiltration		0.0				0.0
360 minute winter	FC63	65.000	S26	0.3	0.297	0.051	0.0026	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC64	200	185.254	0.104	0.3	0.1297	0.0000	SURCHARGED
360 minute winter	FC65	208	185.317	0.167	0.4	0.2159	0.0000	SURCHARGED
360 minute winter	FC66	208	185.170	0.170	0.4	0.2196	0.0000	SURCHARGED
360 minute winter	FC67	224	184.871	0.071	0.3	0.7286	0.0000	OK
360 minute winter	FC68	216	184.651	0.101	0.3	0.1263	0.0000	SURCHARGED
360 minute winter	J1	200	188.237	0.037	2.2	0.0549	0.0000	OK
360 minute winter	J2	200	188.110	0.054	2.6	0.0608	0.0000	OK
360 minute winter	J3	200	188.100	0.050	3.2	0.0565	0.0000	OK
360 minute winter	J4	200	188.074	0.035	3.4	0.0396	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC63	Infiltration		0.0				0.0
360 minute winter	FC64	66.000	J54	0.3	0.193	0.051	0.0039	
360 minute winter	FC64	Infiltration		0.0				0.0
360 minute winter	FC65	67.000	J55	0.4	0.272	0.041	0.0035	
360 minute winter	FC65	Infiltration		0.0				0.0
360 minute winter	FC66	68.000	S24	0.4	0.475	0.055	0.0018	
360 minute winter	FC66	Infiltration		0.0				0.0
360 minute winter	FC67	69.000	J56	0.2	0.359	0.041	0.0014	
360 minute winter	FC67	Infiltration		0.0				0.0
360 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
360 minute winter	FC68	Infiltration		0.0				0.0
360 minute winter	J1	1.001	J2	2.2	0.858	0.264	0.0128	
360 minute winter	J2	1.002	J3	2.6	0.480	0.192	0.0056	
360 minute winter	J3	1.003	J4	3.2	0.769	0.237	0.0080	
360 minute winter	J4	1.004	J5	3.4	1.174	0.101	0.0104	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J5	200	187.942	0.032	3.8	0.0364	0.0000	OK
360 minute winter	J6	200	187.695	0.045	4.1	0.0507	0.0000	OK
360 minute winter	J7	200	187.581	0.056	4.4	0.0630	0.0000	OK
360 minute winter	J8	200	187.557	0.036	5.0	0.0402	0.0000	OK
360 minute winter	J9	200	187.334	0.059	5.1	0.0669	0.0000	OK
360 minute winter	J10	200	187.304	0.034	5.7	0.0387	0.0000	OK
360 minute winter	J11	200	187.169	0.048	6.1	0.0539	0.0000	OK
360 minute winter	J12	192	186.869	0.060	8.8	0.0673	0.0000	OK
360 minute winter	J13	192	186.722	0.095	9.1	0.1077	0.0000	OK
360 minute winter	J14	192	186.712	0.090	9.4	0.1016	0.0000	OK
360 minute winter	J15	192	186.697	0.080	9.7	0.0906	0.0000	OK
360 minute winter	J16	192	186.666	0.061	10.0	0.0686	0.0000	OK
360 minute winter	J17	192	186.325	0.042	10.2	0.0470	0.0000	OK
360 minute winter	J18	192	186.179	0.054	11.9	0.0615	0.0000	OK
360 minute winter	J19	192	186.125	0.098	12.3	0.1109	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J5	1.005	J6	3.8	1.078	0.100	0.0203	
360 minute winter	J6	1.006	J7	4.1	1.036	0.146	0.0079	
360 minute winter	J7	1.007	J8	4.6	0.798	0.148	0.0066	
360 minute winter	J8	1.008	J9	4.8	0.798	0.054	0.0521	
360 minute winter	J9	1.009	J10	5.1	0.864	0.154	0.0073	
360 minute winter	J10	1.010	J11	5.7	1.163	0.044	0.0121	
360 minute winter	J11	1.011	S2	6.1	0.614	0.095	0.0541	
360 minute winter	J12	1.013	J13	8.8	1.111	0.131	0.0513	
360 minute winter	J13	1.014	J14	9.1	0.491	0.160	0.0350	
360 minute winter	J14	1.015	J15	9.4	0.571	0.166	0.0314	
360 minute winter	J15	1.016	J16	9.7	0.768	0.181	0.0647	
360 minute winter	J16	1.017	J17	10.0	1.070	0.070	0.0313	
360 minute winter	J17	1.018	S3	10.2	0.959	0.033	0.0208	
360 minute winter	J18	1.020	J19	11.9	0.848	0.042	0.0214	
360 minute winter	J19	1.021	S4	12.3	0.685	0.223	0.0792	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J20	184	186.071	0.040	1.8	0.0454	0.0000	OK
360 minute winter	J21	184	186.051	0.042	2.2	0.0477	0.0000	OK
360 minute winter	J22	184	186.012	0.049	2.6	0.0550	0.0000	OK
360 minute winter	J23	344	186.008	0.066	2.8	0.0751	0.0000	OK
360 minute winter	J24	344	186.008	0.191	4.4	0.2163	0.0000	OK
360 minute winter	J25	344	186.008	0.212	4.7	0.2400	0.0000	OK
360 minute winter	J26	344	186.008	0.229	5.1	0.2592	0.0000	SURCHARGED
360 minute winter	J27	344	186.008	0.272	6.8	0.3077	0.0000	SURCHARGED
360 minute winter	J28	192	186.391	0.035	1.5	0.0396	0.0000	OK
360 minute winter	J29	192	186.311	0.040	1.8	0.0453	0.0000	OK
360 minute winter	J30	192	186.206	0.059	3.8	0.0663	0.0000	OK
360 minute winter	J31	192	186.103	0.059	4.2	0.0668	0.0000	OK
360 minute winter	J32	192	186.068	0.057	4.5	0.0648	0.0000	OK
360 minute winter	J33	192	185.573	0.037	6.3	0.0424	0.0000	OK
360 minute winter	J34	192	185.197	0.071	7.9	0.0809	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J20	23.002	J21	1.8	0.460	0.133	0.0148	
360 minute winter	J21	23.003	J22	2.2	0.485	0.163	0.0360	
360 minute winter	J22	23.004	J23	2.6	0.519	0.189	0.0216	
360 minute winter	J23	23.005	S18	2.8	0.583	0.206	0.0798	
360 minute winter	J24	23.007	J25	4.3	0.447	0.144	0.2313	
360 minute winter	J25	23.008	J26	4.7	0.440	0.156	0.1952	
360 minute winter	J26	23.009	S19	5.1	0.447	0.166	0.1474	
360 minute winter	J27	23.011	S4	6.7	0.620	0.226	0.0951	
360 minute winter	J28	32.001	J29	1.5	0.559	0.253	0.0237	
360 minute winter	J29	32.002	S12	1.8	0.639	0.303	0.0131	
360 minute winter	J30	32.004	J31	3.8	0.621	0.284	0.0302	
360 minute winter	J31	32.005	J32	4.2	0.513	0.138	0.0791	
360 minute winter	J32	32.006	S13	4.5	0.746	0.151	0.0327	
360 minute winter	J33	32.008	S14	6.3	0.913	0.061	0.0639	
360 minute winter	J34	32.010	J35	7.9	0.960	0.205	0.0752	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J35	192	185.121	0.046	8.2	0.0522	0.0000	OK
360 minute winter	J36	192	184.951	0.076	8.6	0.0860	0.0000	OK
360 minute winter	J37	192	184.579	0.079	10.4	0.0892	0.0000	OK
360 minute winter	J38	192	184.402	0.102	12.2	0.1152	0.0000	OK
360 minute winter	J39	192	184.368	0.094	12.6	0.1060	0.0000	OK
360 minute winter	J40	192	184.343	0.077	12.9	0.0876	0.0000	OK
360 minute winter	J41	200	184.618	0.021	0.6	0.0235	0.0000	OK
360 minute winter	J42	208	184.565	0.028	1.0	0.0317	0.0000	OK
360 minute winter	J43	200	184.431	0.051	2.5	0.0577	0.0000	OK
360 minute winter	J44	200	184.419	0.049	2.8	0.0552	0.0000	OK
360 minute winter	J45	200	184.374	0.054	3.1	0.0609	0.0000	OK
360 minute winter	J46	200	184.296	0.074	4.6	0.0832	0.0000	OK
360 minute winter	J47	200	184.289	0.082	4.9	0.0929	0.0000	OK
360 minute winter	J48	200	184.276	0.082	6.5	0.0927	0.0000	OK
360 minute winter	J49	200	184.263	0.094	6.9	0.1061	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J35	32.011	J36	8.2	0.944	0.092	0.0605	
360 minute winter	J36	32.012	S15	8.6	0.919	0.287	0.0223	
360 minute winter	J37	32.014	S16	10.4	1.025	0.188	0.0538	
360 minute winter	J38	32.016	J39	12.2	0.611	0.225	0.2156	
360 minute winter	J39	32.017	J40	12.6	0.759	0.230	0.0606	
360 minute winter	J40	32.018	S10	12.9	0.939	0.129	0.1311	
360 minute winter	J41	48.002	J42	0.6	0.382	0.095	0.0092	
360 minute winter	J42	48.003	S21	1.0	0.545	0.163	0.0144	
360 minute winter	J43	48.005	J44	2.5	0.496	0.182	0.0082	
360 minute winter	J44	48.006	J45	2.8	0.533	0.213	0.0467	
360 minute winter	J45	48.007	S22	3.1	0.589	0.231	0.0127	
360 minute winter	J46	48.009	J47	4.6	0.380	0.150	0.0514	
360 minute winter	J47	48.010	S23	4.9	0.364	0.163	0.0357	
360 minute winter	J48	48.012	J49	6.5	0.453	0.218	0.1070	
360 minute winter	J49	48.013	J50	6.9	0.453	0.225	0.0173	

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J50	200	184.255	0.090	7.3	0.1018	0.0000	OK
360 minute winter	J51	200	184.243	0.095	7.6	0.1071	0.0000	OK
360 minute winter	J52	200	184.233	0.089	8.2	0.1004	0.0000	OK
360 minute winter	J53	200	184.212	0.085	8.4	0.0959	0.0000	OK
360 minute winter	J54	192	185.167	0.038	1.6	0.0430	0.0000	OK
360 minute winter	J55	192	185.130	0.036	2.0	0.0410	0.0000	OK
360 minute winter	J56	192	184.113	0.106	12.0	0.1197	0.0000	OK
360 minute winter	J57	192	184.092	0.107	12.2	0.1210	0.0000	OK
360 minute winter	BASIN 1	344	186.008	1.083	20.1	134.2829	0.0000	SURCHARGED
360 minute winter	BASIN 2	448	184.848	0.548	3.7	55.3849	0.0000	OK
360 minute winter	BASIN 3	600	183.099	-0.001	16.4	187.8430	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J50	48.014	J51	7.3	0.476	0.244	0.0778	
360 minute winter	J51	48.015	J52	7.6	0.499	0.248	0.0172	
360 minute winter	J52	48.016	J53	8.2	0.578	0.267	0.0687	
360 minute winter	J53	48.017	S24	8.4	0.671	0.280	0.1292	
360 minute winter	J54	65.002	J55	1.6	0.603	0.269	0.0096	
360 minute winter	J55	65.003	S24	2.0	0.795	0.261	0.0196	
360 minute winter	J56	48.019	J57	12.0	0.535	0.220	0.2032	
360 minute winter	J57	48.020	S25	12.2	0.561	0.224	0.1337	
360 minute winter	BASIN 1	1.023	S5	3.6	0.167	0.043	0.9418	
360 minute winter	BASIN 1	Infiltration		0.1				3.4
360 minute winter	BASIN 2	1.027	S7	3.3	0.548	0.040	0.1353	
360 minute winter	BASIN 2	71.000	BH1	1.1	0.553	0.194	0.1829	
360 minute winter	BASIN 2	Infiltration		0.0				0.0
360 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
360 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	BASIN 4	384	183.776	0.446	14.7	131.8177	0.0000	SURCHARGED
360 minute winter	SWALE 1	352	184.928	0.054	3.6	0.0768	0.0000	OK
360 minute winter	SWALE 2	448	184.426	0.051	3.3	0.0730	0.0000	OK
360 minute winter	SWALE 3	192	184.082	0.087	14.5	0.1247	0.0000	OK
360 minute winter	BH1	448	184.848	0.771	1.1	3.0362	0.0000	OK
360 minute winter	BH2	8	183.083	0.000	0.0	0.0000	0.0000	OK
360 minute winter	BH3	384	183.776	0.457	1.1	3.7377	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	BASIN 4	48.022	BH3	1.1	0.446	0.021	0.3211	
360 minute winter	BASIN 4	Infiltration		0.0				0.0
360 minute winter	SWALE 1	1.025	S6	3.6	0.384	0.043	0.3527	
360 minute winter	SWALE 2	1.029	S8	3.3	0.525	0.040	0.1666	
360 minute winter	SWALE 3	1.033	BASIN 3	14.5	0.763	0.116	0.8236	
360 minute winter	BH1	Infiltration		0.1				2.9
360 minute winter	BH2	Infiltration		0.0				0.0
360 minute winter	BH3	Infiltration		0.2				5.7

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.395	0.025	1.2	0.0369	0.0000	OK
480 minute summer	S2	248	187.135	0.096	10.2	0.1662	0.0000	OK
480 minute summer	S3	248	186.230	0.093	13.9	0.1233	0.0000	OK
480 minute summer	S4	400	186.012	0.634	24.1	0.8125	0.0000	SURCHARGED
480 minute summer	S5	400	186.012	1.101	3.6	1.5762	0.0000	SURCHARGED
480 minute summer	S6	464	184.862	0.054	3.6	0.0777	0.0000	OK
480 minute summer	S7	480	184.787	0.028	3.5	0.0402	0.0000	OK
480 minute summer	S8	480	184.360	0.030	3.5	0.0431	0.0000	OK
480 minute summer	S9	248	184.179	0.054	3.5	0.0774	0.0000	OK
480 minute summer	S10	248	184.179	0.066	17.5	0.1203	0.0000	OK
480 minute summer	S11	248	186.436	0.036	1.5	0.0573	0.0000	OK
480 minute summer	S12	248	186.240	0.064	4.2	0.0945	0.0000	OK
480 minute summer	S13	248	186.035	0.042	7.0	0.0627	0.0000	OK
480 minute summer	S14	248	185.249	0.074	9.3	0.1163	0.0000	OK
480 minute summer	S15	248	184.925	0.058	12.0	0.0915	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S1	1.000	J1	1.2	0.510	0.137	0.0196	
480 minute summer	S2	1.012	J12	10.2	0.695	0.341	0.0219	
480 minute summer	S3	1.019	J18	13.9	0.965	0.260	0.0744	
480 minute summer	S4	1.022	BASIN 1	23.6	0.910	0.141	1.1778	
480 minute summer	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1956	
480 minute summer	S6	1.026	BASIN 2	3.6	0.460	0.041	0.0543	
480 minute summer	S7	1.028	SWALE 2	3.5	0.553	0.011	0.1082	
480 minute summer	S8	1.030	S9	3.5	0.582	0.013	0.0736	
480 minute summer	S9	1.031	S10	3.5	0.613	0.041	0.0762	
480 minute summer	S10	1.032	SWALE 3	17.5	1.003	0.053	0.0767	
480 minute summer	S11	32.000	J28	1.5	0.551	0.252	0.0124	
480 minute summer	S12	32.003	J30	4.2	0.573	0.313	0.0371	
480 minute summer	S13	32.007	J33	7.0	1.399	0.072	0.0652	
480 minute summer	S14	32.009	J34	9.3	0.786	0.183	0.0619	
480 minute summer	S15	32.013	J37	12.0	1.546	0.130	0.0726	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.535	0.048	14.2	0.0726	0.0000	OK
480 minute summer	S17	248	186.190	0.040	1.8	0.0635	0.0000	OK
480 minute summer	S18	400	186.012	0.188	4.9	0.2778	0.0000	OK
480 minute summer	S19	400	186.012	0.246	7.8	0.3543	0.0000	SURCHARGED
480 minute summer	S20	264	184.664	0.022	0.6	0.0251	0.0000	OK
480 minute summer	S21	248	184.456	0.047	2.5	0.0624	0.0000	OK
480 minute summer	S22	248	184.311	0.080	5.1	0.1036	0.0000	OK
480 minute summer	S23	248	184.294	0.096	7.2	0.1233	0.0000	OK
480 minute summer	S24	256	184.138	0.121	13.9	0.1589	0.0000	OK
480 minute summer	S25	248	184.082	0.112	15.6	0.1544	0.0000	OK
480 minute summer	S26	248	185.403	0.026	1.6	0.0389	0.0000	OK
480 minute summer	FC1	256	188.480	0.230	0.5	0.2975	0.0000	SURCHARGED
480 minute summer	FC2	256	188.381	0.231	0.5	0.2985	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S16	32.015	J38	14.2	0.939	0.045	0.0361	
480 minute summer	S17	23.001	J20	1.8	0.650	0.310	0.0203	
480 minute summer	S18	23.006	J24	4.9	0.446	0.154	0.0660	
480 minute summer	S19	23.010	J27	7.8	0.567	0.259	0.3541	
480 minute summer	S20	48.001	J41	0.6	0.476	0.101	0.0058	
480 minute summer	S21	48.004	J43	2.5	0.465	0.185	0.0270	
480 minute summer	S22	48.008	J46	5.1	0.394	0.161	0.0315	
480 minute summer	S23	48.011	J48	7.2	0.464	0.235	0.0175	
480 minute summer	S24	48.018	J56	13.9	0.535	0.259	0.1100	
480 minute summer	S25	48.021	BASIN 4	15.6	0.729	0.293	0.0825	
480 minute summer	S26	65.001	J54	1.6	0.660	0.151	0.0205	
480 minute summer	FC1	2.000	J1	0.5	0.265	0.075	0.0100	
480 minute summer	FC1	Infiltration		0.0				0.0
480 minute summer	FC2	3.000	J2	0.5	0.443	0.078	0.0048	
480 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC3	264	188.572	0.372	0.7	0.5024	0.0000	SURCHARGED
480 minute summer	FC4	256	188.358	0.158	0.4	0.1982	0.0000	SURCHARGED
480 minute summer	FC5	256	188.231	0.231	0.5	0.2986	0.0000	SURCHARGED
480 minute summer	FC6	256	188.007	0.157	0.4	0.1969	0.0000	SURCHARGED
480 minute summer	FC7	256	187.909	0.159	0.4	0.1986	0.0000	SURCHARGED
480 minute summer	FC8	256	187.978	0.228	0.5	0.2938	0.0000	SURCHARGED
480 minute summer	FC9	256	187.630	0.160	0.4	0.2003	0.0000	SURCHARGED
480 minute summer	FC10	264	187.841	0.371	0.7	0.5018	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC3	4.000	J3	0.6	0.498	0.096	0.0113	
480 minute summer	FC3	Infiltration		0.0				0.0
480 minute summer	FC4	5.000	J4	0.4	0.494	0.051	0.0057	
480 minute summer	FC4	Infiltration		0.0				0.0
480 minute summer	FC5	6.000	J5	0.5	0.441	0.078	0.0044	
480 minute summer	FC5	Infiltration		0.0				0.0
480 minute summer	FC6	7.000	J6	0.4	0.549	0.044	0.0051	
480 minute summer	FC6	Infiltration		0.0				0.0
480 minute summer	FC7	8.000	J7	0.4	0.477	0.054	0.0058	
480 minute summer	FC7	Infiltration		0.0				0.0
480 minute summer	FC8	9.000	J8	0.5	0.619	0.049	0.0031	
480 minute summer	FC8	Infiltration		0.0				0.0
480 minute summer	FC9	10.000	J9	0.4	0.421	0.064	0.0065	
480 minute summer	FC9	Infiltration		0.0				0.0
480 minute summer	FC10	11.000	J10	0.6	0.517	0.090	0.0072	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC11	256	187.551	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC12	256	187.461	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC13	256	187.231	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC14	288	186.996	0.096	0.5	1.2270	0.0000	OK
480 minute summer	FC15	256	187.355	0.155	0.4	0.1934	0.0000	SURCHARGED
480 minute summer	FC16	256	187.060	0.160	0.4	0.1997	0.0000	SURCHARGED
480 minute summer	FC17	256	187.156	0.156	0.4	0.1945	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC10	Infiltration		0.0				0.0
480 minute summer	FC11	12.000	J11	0.5	0.444	0.079	0.0081	
480 minute summer	FC11	Infiltration		0.0				0.0
480 minute summer	FC12	13.000	S2	0.5	0.444	0.079	0.0072	
480 minute summer	FC12	Infiltration		0.0				0.0
480 minute summer	FC13	14.000	J12	0.5	0.445	0.078	0.0071	
480 minute summer	FC13	Infiltration		0.0				0.0
480 minute summer	FC14	15.000	J13	0.3	0.388	0.048	0.0056	
480 minute summer	FC14	Infiltration		0.0				0.0
480 minute summer	FC15	16.000	J14	0.4	0.887	0.022	0.0020	
480 minute summer	FC15	Infiltration		0.0				0.0
480 minute summer	FC16	17.000	J15	0.4	0.440	0.060	0.0066	
480 minute summer	FC16	Infiltration		0.0				0.0
480 minute summer	FC17	18.000	J16	0.4	0.695	0.031	0.0026	
480 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC18	256	186.710	0.160	0.4	0.2004	0.0000	SURCHARGED
480 minute summer	FC19	256	186.631	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC20	256	187.175	0.225	0.5	0.2901	0.0000	SURCHARGED
480 minute summer	FC21	256	186.531	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC22	272	186.531	0.081	0.4	0.7876	0.0000	OK
480 minute summer	FC23	256	186.455	0.155	0.4	0.1941	0.0000	SURCHARGED
480 minute summer	FC24	256	186.525	0.225	0.5	0.2909	0.0000	SURCHARGED
480 minute summer	FC25	256	186.775	0.225	0.5	0.2902	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC18	19.000	J17	0.4	0.419	0.065	0.0064	
480 minute summer	FC18	Infiltration		0.0				0.0
480 minute summer	FC19	20.000	S3	0.5	0.443	0.079	0.0069	
480 minute summer	FC19	Infiltration		0.0				0.0
480 minute summer	FC20	21.000	J18	0.5	0.890	0.029	0.0023	
480 minute summer	FC20	Infiltration		0.0				0.0
480 minute summer	FC21	22.000	J19	0.5	0.444	0.079	0.0080	
480 minute summer	FC21	Infiltration		0.0				0.0
480 minute summer	FC22	23.000	S17	0.3	0.300	0.018	0.0078	
480 minute summer	FC22	Infiltration		0.0				0.0
480 minute summer	FC23	24.000	J20	0.4	0.736	0.029	0.0024	
480 minute summer	FC23	Infiltration		0.0				0.0
480 minute summer	FC24	25.000	J21	0.5	0.804	0.034	0.0027	
480 minute summer	FC24	Infiltration		0.0				0.0
480 minute summer	FC25	26.000	J22	0.5	0.883	0.029	0.0025	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC26	272	186.530	0.080	0.4	0.8052	0.0000	OK
480 minute summer	FC27	256	186.655	0.155	0.4	0.1934	0.0000	SURCHARGED
480 minute summer	FC28	256	186.725	0.225	0.5	0.2901	0.0000	SURCHARGED
480 minute summer	FC29	256	186.725	0.225	0.5	0.2903	0.0000	SURCHARGED
480 minute summer	FC30	256	186.975	0.225	0.5	0.2907	0.0000	SURCHARGED
480 minute summer	FC31	256	186.607	0.157	0.4	0.1963	0.0000	SURCHARGED
480 minute summer	FC32	256	186.605	0.155	0.4	0.1941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC25	Infiltration		0.0				0.0
480 minute summer	FC26	27.000	J23	0.3	0.661	0.020	0.0019	
480 minute summer	FC26	Infiltration		0.0				0.0
480 minute summer	FC27	28.000	J24	0.4	1.033	0.018	0.0133	
480 minute summer	FC27	Infiltration		0.0				0.0
480 minute summer	FC28	29.000	J25	0.5	0.888	0.029	0.0023	
480 minute summer	FC28	Infiltration		0.0				0.0
480 minute summer	FC29	30.000	J26	0.5	0.864	0.030	0.0025	
480 minute summer	FC29	Infiltration		0.0				0.0
480 minute summer	FC30	31.000	J27	0.5	0.829	0.032	0.0025	
480 minute summer	FC30	Infiltration		0.0				0.0
480 minute summer	FC31	33.000	J28	0.4	0.258	0.042	0.0075	
480 minute summer	FC31	Infiltration		0.0				0.0
480 minute summer	FC32	34.000	J29	0.4	0.228	0.030	0.0083	
480 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC33	256	186.675	0.225	0.5	0.2907	0.0000	SURCHARGED
480 minute summer	FC34	256	186.681	0.231	0.5	0.2981	0.0000	SURCHARGED
480 minute summer	FC35	256	186.675	0.225	0.5	0.2907	0.0000	SURCHARGED
480 minute summer	FC36	256	186.675	0.225	0.5	0.2904	0.0000	SURCHARGED
480 minute summer	FC37	264	186.169	0.369	0.7	0.4984	0.0000	SURCHARGED
480 minute summer	FC38	272	185.524	0.074	0.4	0.8848	0.0000	OK
480 minute summer	FC39	256	185.605	0.155	0.4	0.1937	0.0000	SURCHARGED
480 minute summer	FC40	256	185.724	0.224	0.5	0.2895	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC33	35.000	S12	0.5	0.815	0.033	0.0025	
480 minute summer	FC33	Infiltration		0.0				0.0
480 minute summer	FC34	36.000	J30	0.5	0.456	0.075	0.0049	
480 minute summer	FC34	Infiltration		0.0				0.0
480 minute summer	FC35	37.000	J31	0.5	0.821	0.033	0.0029	
480 minute summer	FC35	Infiltration		0.0				0.0
480 minute summer	FC36	38.000	J32	0.5	0.860	0.031	0.0027	
480 minute summer	FC36	Infiltration		0.0				0.0
480 minute summer	FC37	39.000	J33	0.6	0.634	0.068	0.0062	
480 minute summer	FC37	Infiltration		0.0				0.0
480 minute summer	FC38	40.000	J34	0.3	0.626	0.020	0.0019	
480 minute summer	FC38	Infiltration		0.0				0.0
480 minute summer	FC39	41.000	J35	0.4	0.781	0.026	0.0022	
480 minute summer	FC39	Infiltration		0.0				0.0
480 minute summer	FC40	42.000	J36	0.5	1.011	0.024	0.0023	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC41	256	185.077	0.227	0.5	0.2929	0.0000	SURCHARGED
480 minute summer	FC42	256	184.828	0.228	0.5	0.2947	0.0000	SURCHARGED
480 minute summer	FC43	256	184.827	0.227	0.5	0.2931	0.0000	SURCHARGED
480 minute summer	FC44	240	184.614	0.014	0.4	0.0170	0.0000	OK
480 minute summer	FC45	256	184.755	0.155	0.4	0.1942	0.0000	SURCHARGED
480 minute summer	FC46	264	185.073	0.372	0.7	0.5032	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.025	0.225	0.5	0.2906	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC40	Infiltration		0.0				0.0
480 minute summer	FC41	43.000	J37	0.5	0.662	0.044	0.0035	
480 minute summer	FC41	Infiltration		0.0				0.0
480 minute summer	FC42	44.000	J38	0.5	0.577	0.054	0.0040	
480 minute summer	FC42	Infiltration		0.0				0.0
480 minute summer	FC43	45.000	J39	0.5	0.654	0.045	0.0031	
480 minute summer	FC43	Infiltration		0.0				0.0
480 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
480 minute summer	FC44	Infiltration		0.0				0.0
480 minute summer	FC45	47.000	S10	0.4	0.727	0.029	0.0024	
480 minute summer	FC45	Infiltration		0.0				0.0
480 minute summer	FC46	48.000	S20	0.6	0.468	0.101	0.0077	
480 minute summer	FC46	Infiltration		0.0				0.0
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
480 minute summer	FC48	50.000	J42	0.5	0.389	0.033	0.0062	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC49	256	185.031	0.231	0.5	0.2986	0.0000	SURCHARGED
480 minute summer	FC50	256	185.031	0.231	0.5	0.2986	0.0000	SURCHARGED
480 minute summer	FC51	256	185.081	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC52	256	185.477	0.227	0.5	0.2932	0.0000	SURCHARGED
480 minute summer	FC53	256	185.478	0.228	0.5	0.2940	0.0000	SURCHARGED
480 minute summer	FC54	256	185.406	0.156	0.4	0.1954	0.0000	SURCHARGED
480 minute summer	FC55	256	185.405	0.155	0.4	0.1935	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC48	Infiltration		0.0				0.0
480 minute summer	FC49	51.000	S21	0.5	0.441	0.078	0.0046	
480 minute summer	FC49	Infiltration		0.0				0.0
480 minute summer	FC50	52.000	J43	0.5	0.442	0.078	0.0049	
480 minute summer	FC50	Infiltration		0.0				0.0
480 minute summer	FC51	55.000	S22	0.5	0.443	0.079	0.0064	
480 minute summer	FC51	Infiltration		0.0				0.0
480 minute summer	FC52	58.000	S23	0.5	0.644	0.046	0.0039	
480 minute summer	FC52	Infiltration		0.0				0.0
480 minute summer	FC53	61.000	J50	0.5	0.606	0.050	0.0033	
480 minute summer	FC53	Infiltration		0.0				0.0
480 minute summer	FC54	62.000	J51	0.4	0.634	0.035	0.0024	
480 minute summer	FC54	Infiltration		0.0				0.0
480 minute summer	FC55	64.000	J53	0.4	0.798	0.026	0.0020	
480 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC56	256	185.505	0.155	0.4	0.1934	0.0000	SURCHARGED
480 minute summer	FC57	256	185.505	0.155	0.4	0.1937	0.0000	SURCHARGED
480 minute summer	FC58	256	185.505	0.155	0.4	0.1940	0.0000	SURCHARGED
480 minute summer	FC59	256	185.506	0.156	0.4	0.1946	0.0000	SURCHARGED
480 minute summer	FC60	256	185.576	0.226	0.5	0.2919	0.0000	SURCHARGED
480 minute summer	FC61	256	185.528	0.228	0.5	0.2945	0.0000	SURCHARGED
480 minute summer	FC62	264	185.620	0.370	0.7	0.4999	0.0000	SURCHARGED
480 minute summer	FC63	256	185.560	0.160	0.4	0.2000	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC56	53.000	J44	0.4	0.823	0.025	0.0031	
480 minute summer	FC56	Infiltration		0.0				0.0
480 minute summer	FC57	54.000	J45	0.4	0.772	0.027	0.0032	
480 minute summer	FC57	Infiltration		0.0				0.0
480 minute summer	FC58	56.000	J46	0.4	0.742	0.029	0.0032	
480 minute summer	FC58	Infiltration		0.0				0.0
480 minute summer	FC59	57.000	J47	0.4	0.689	0.032	0.0036	
480 minute summer	FC59	Infiltration		0.0				0.0
480 minute summer	FC60	59.000	J48	0.5	0.723	0.039	0.0043	
480 minute summer	FC60	Infiltration		0.0				0.0
480 minute summer	FC61	60.000	J49	0.5	0.580	0.054	0.0059	
480 minute summer	FC61	Infiltration		0.0				0.0
480 minute summer	FC62	63.000	J52	0.6	0.575	0.078	0.0098	
480 minute summer	FC62	Infiltration		0.0				0.0
480 minute summer	FC63	65.000	S26	0.4	0.321	0.065	0.0030	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC64	256	185.313	0.163	0.4	0.2041	0.0000	SURCHARGED
480 minute summer	FC65	256	185.377	0.227	0.5	0.2932	0.0000	SURCHARGED
480 minute summer	FC66	256	185.230	0.230	0.5	0.2970	0.0000	SURCHARGED
480 minute summer	FC67	272	184.881	0.081	0.4	0.8308	0.0000	OK
480 minute summer	FC68	256	184.708	0.158	0.4	0.1971	0.0000	SURCHARGED
480 minute summer	J1	248	188.243	0.043	2.8	0.0638	0.0000	OK
480 minute summer	J2	248	188.117	0.061	3.3	0.0689	0.0000	OK
480 minute summer	J3	248	188.106	0.056	3.9	0.0629	0.0000	OK
480 minute summer	J4	248	188.078	0.039	4.2	0.0443	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC63	Infiltration		0.0				0.0
480 minute summer	FC64	66.000	J54	0.4	0.207	0.065	0.0048	
480 minute summer	FC64	Infiltration		0.0				0.0
480 minute summer	FC65	67.000	J55	0.5	0.280	0.048	0.0040	
480 minute summer	FC65	Infiltration		0.0				0.0
480 minute summer	FC66	68.000	S24	0.5	0.497	0.065	0.0020	
480 minute summer	FC66	Infiltration		0.0				0.0
480 minute summer	FC67	69.000	J56	0.3	0.367	0.044	0.0015	
480 minute summer	FC67	Infiltration		0.0				0.0
480 minute summer	FC68	70.000	J57	0.4	0.551	0.042	0.0016	
480 minute summer	FC68	Infiltration		0.0				0.0
480 minute summer	J1	1.001	J2	2.8	0.916	0.343	0.0156	
480 minute summer	J2	1.002	J3	3.3	0.521	0.245	0.0066	
480 minute summer	J3	1.003	J4	3.9	0.811	0.291	0.0093	
480 minute summer	J4	1.004	J5	4.2	1.240	0.124	0.0121	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J5	248	187.946	0.035	4.7	0.0401	0.0000	OK
480 minute summer	J6	248	187.700	0.050	5.0	0.0568	0.0000	OK
480 minute summer	J7	248	187.587	0.062	5.4	0.0696	0.0000	OK
480 minute summer	J8	248	187.560	0.039	5.9	0.0441	0.0000	OK
480 minute summer	J9	248	187.340	0.065	6.2	0.0738	0.0000	OK
480 minute summer	J10	248	187.308	0.038	6.8	0.0427	0.0000	OK
480 minute summer	J11	248	187.174	0.053	7.2	0.0595	0.0000	OK
480 minute summer	J12	248	186.875	0.066	10.6	0.0746	0.0000	OK
480 minute summer	J13	248	186.732	0.105	10.9	0.1188	0.0000	OK
480 minute summer	J14	248	186.721	0.099	11.2	0.1117	0.0000	OK
480 minute summer	J15	248	186.705	0.088	11.6	0.0993	0.0000	OK
480 minute summer	J16	248	186.672	0.067	12.0	0.0759	0.0000	OK
480 minute summer	J17	248	186.330	0.047	12.3	0.0530	0.0000	OK
480 minute summer	J18	248	186.187	0.062	14.3	0.0701	0.0000	OK
480 minute summer	J19	248	186.135	0.108	14.8	0.1220	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J5	1.005	J6	4.7	1.130	0.122	0.0237	
480 minute summer	J6	1.006	J7	5.0	1.087	0.177	0.0091	
480 minute summer	J7	1.007	J8	5.5	0.831	0.178	0.0076	
480 minute summer	J8	1.008	J9	5.9	0.843	0.066	0.0597	
480 minute summer	J9	1.009	J10	6.2	0.911	0.186	0.0084	
480 minute summer	J10	1.010	J11	6.8	1.199	0.053	0.0140	
480 minute summer	J11	1.011	S2	7.2	0.636	0.112	0.0623	
480 minute summer	J12	1.013	J13	10.6	1.167	0.159	0.0589	
480 minute summer	J13	1.014	J14	10.9	0.515	0.192	0.0400	
480 minute summer	J14	1.015	J15	11.2	0.602	0.199	0.0358	
480 minute summer	J15	1.016	J16	11.6	0.806	0.217	0.0741	
480 minute summer	J16	1.017	J17	12.0	1.122	0.084	0.0359	
480 minute summer	J17	1.018	S3	12.3	0.995	0.040	0.0240	
480 minute summer	J18	1.020	J19	14.3	0.874	0.050	0.0248	
480 minute summer	J19	1.021	S4	14.7	0.719	0.267	0.0902	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J20	248	186.076	0.045	2.2	0.0509	0.0000	OK
480 minute summer	J21	248	186.056	0.047	2.7	0.0532	0.0000	OK
480 minute summer	J22	248	186.017	0.054	3.1	0.0613	0.0000	OK
480 minute summer	J23	400	186.012	0.070	3.3	0.0793	0.0000	OK
480 minute summer	J24	400	186.012	0.195	5.3	0.2205	0.0000	OK
480 minute summer	J25	400	186.012	0.216	5.7	0.2442	0.0000	OK
480 minute summer	J26	400	186.012	0.233	6.2	0.2634	0.0000	SURCHARGED
480 minute summer	J27	400	186.012	0.276	8.2	0.3120	0.0000	SURCHARGED
480 minute summer	J28	248	186.396	0.040	1.9	0.0449	0.0000	OK
480 minute summer	J29	248	186.317	0.045	2.2	0.0514	0.0000	OK
480 minute summer	J30	248	186.213	0.066	4.6	0.0746	0.0000	OK
480 minute summer	J31	248	186.110	0.066	5.1	0.0742	0.0000	OK
480 minute summer	J32	248	186.074	0.063	5.5	0.0711	0.0000	OK
480 minute summer	J33	248	185.576	0.041	7.6	0.0464	0.0000	OK
480 minute summer	J34	248	185.204	0.079	9.5	0.0888	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J20	23.002	J21	2.2	0.483	0.164	0.0173	
480 minute summer	J21	23.003	J22	2.7	0.508	0.198	0.0419	
480 minute summer	J22	23.004	J23	3.1	0.545	0.229	0.0235	
480 minute summer	J23	23.005	S18	3.3	0.613	0.249	0.0837	
480 minute summer	J24	23.007	J25	5.3	0.462	0.176	0.2342	
480 minute summer	J25	23.008	J26	5.7	0.455	0.190	0.1961	
480 minute summer	J26	23.009	S19	6.2	0.464	0.202	0.1474	
480 minute summer	J27	23.011	S4	8.2	0.656	0.275	0.0951	
480 minute summer	J28	32.001	J29	1.9	0.588	0.316	0.0280	
480 minute summer	J29	32.002	S12	2.2	0.675	0.377	0.0154	
480 minute summer	J30	32.004	J31	4.6	0.654	0.349	0.0352	
480 minute summer	J31	32.005	J32	5.1	0.543	0.169	0.0910	
480 minute summer	J32	32.006	S13	5.5	0.788	0.183	0.0375	
480 minute summer	J33	32.008	S14	7.6	0.952	0.073	0.0738	
480 minute summer	J34	32.010	J35	9.5	1.004	0.246	0.0862	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J35	248	185.126	0.051	9.9	0.0580	0.0000	OK
480 minute summer	J36	248	184.959	0.083	10.3	0.0944	0.0000	OK
480 minute summer	J37	248	184.586	0.086	12.5	0.0974	0.0000	OK
480 minute summer	J38	248	184.413	0.112	14.6	0.1272	0.0000	OK
480 minute summer	J39	248	184.377	0.103	15.0	0.1167	0.0000	OK
480 minute summer	J40	248	184.350	0.085	15.4	0.0966	0.0000	OK
480 minute summer	J41	264	184.618	0.021	0.6	0.0243	0.0000	OK
480 minute summer	J42	256	184.567	0.030	1.1	0.0334	0.0000	OK
480 minute summer	J43	248	184.435	0.055	2.9	0.0625	0.0000	OK
480 minute summer	J44	256	184.423	0.053	3.3	0.0598	0.0000	OK
480 minute summer	J45	256	184.379	0.059	3.7	0.0664	0.0000	OK
480 minute summer	J46	248	184.305	0.083	5.4	0.0938	0.0000	OK
480 minute summer	J47	248	184.299	0.092	5.8	0.1038	0.0000	OK
480 minute summer	J48	248	184.285	0.091	7.7	0.1033	0.0000	OK
480 minute summer	J49	256	184.273	0.104	8.1	0.1174	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J35	32.011	J36	9.9	0.990	0.111	0.0693	
480 minute summer	J36	32.012	S15	10.3	0.965	0.344	0.0255	
480 minute summer	J37	32.014	S16	12.5	1.067	0.226	0.0618	
480 minute summer	J38	32.016	J39	14.6	0.641	0.270	0.2464	
480 minute summer	J39	32.017	J40	15.0	0.794	0.275	0.0694	
480 minute summer	J40	32.018	S10	15.4	0.985	0.155	0.1498	
480 minute summer	J41	48.002	J42	0.6	0.384	0.101	0.0098	
480 minute summer	J42	48.003	S21	1.1	0.560	0.180	0.0155	
480 minute summer	J43	48.005	J44	2.9	0.508	0.208	0.0092	
480 minute summer	J44	48.006	J45	3.3	0.550	0.246	0.0524	
480 minute summer	J45	48.007	S22	3.7	0.613	0.270	0.0142	
480 minute summer	J46	48.009	J47	5.4	0.382	0.176	0.0600	
480 minute summer	J47	48.010	S23	5.8	0.372	0.192	0.0413	
480 minute summer	J48	48.012	J49	7.7	0.466	0.257	0.1228	
480 minute summer	J49	48.013	J50	8.1	0.468	0.265	0.0198	

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J50	256	184.265	0.100	8.6	0.1127	0.0000	OK
480 minute summer	J51	256	184.252	0.104	9.0	0.1177	0.0000	OK
480 minute summer	J52	256	184.241	0.097	9.6	0.1102	0.0000	OK
480 minute summer	J53	256	184.220	0.093	9.9	0.1049	0.0000	OK
480 minute summer	J54	248	185.171	0.042	1.9	0.0480	0.0000	OK
480 minute summer	J55	248	185.134	0.040	2.4	0.0454	0.0000	OK
480 minute summer	J56	256	184.124	0.117	14.1	0.1319	0.0000	OK
480 minute summer	J57	256	184.102	0.117	14.5	0.1327	0.0000	OK
480 minute summer	BASIN 1	400	186.012	1.087	24.3	134.8835	0.0000	SURCHARGED
480 minute summer	BASIN 2	480	184.849	0.549	3.7	55.5070	0.0000	OK
480 minute summer	BASIN 3	720	183.171	0.071	19.9	216.7174	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J50	48.014	J51	8.6	0.493	0.287	0.0885	
480 minute summer	J51	48.015	J52	9.0	0.521	0.292	0.0195	
480 minute summer	J52	48.016	J53	9.6	0.600	0.313	0.0777	
480 minute summer	J53	48.017	S24	9.9	0.702	0.330	0.1454	
480 minute summer	J54	65.002	J55	1.9	0.634	0.327	0.0111	
480 minute summer	J55	65.003	S24	2.4	0.834	0.313	0.0224	
480 minute summer	J56	48.019	J57	14.1	0.555	0.260	0.2308	
480 minute summer	J57	48.020	S25	14.5	0.587	0.266	0.1509	
480 minute summer	BASIN 1	1.023	S5	3.6	0.144	0.043	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				4.1
480 minute summer	BASIN 2	1.027	S7	3.5	0.557	0.042	0.1395	
480 minute summer	BASIN 2	71.000	BH1	1.0	0.538	0.167	0.1829	
480 minute summer	BASIN 2	Infiltration		0.0				0.0
480 minute summer	BASIN 3	1.034	BH2	1.2	0.332	0.010	0.2165	
480 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	BASIN 4	504	183.807	0.477	17.5	141.6411	0.0000	SURCHARGED
480 minute summer	SWALE 1	400	184.928	0.054	3.6	0.0769	0.0000	OK
480 minute summer	SWALE 2	480	184.427	0.052	3.5	0.0746	0.0000	OK
480 minute summer	SWALE 3	248	184.091	0.096	17.5	0.1370	0.0000	OK
480 minute summer	BH1	480	184.849	0.772	1.0	3.0393	0.0000	OK
480 minute summer	BH2	720	183.171	0.088	1.2	2.0417	0.0000	OK
480 minute summer	BH3	504	183.807	0.488	0.8	3.8836	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	BASIN 4	48.022	BH3	0.8	0.381	0.014	0.3211	
480 minute summer	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	3.6	0.384	0.043	0.3610	
480 minute summer	SWALE 2	1.029	S8	3.5	0.534	0.042	0.1718	
480 minute summer	SWALE 3	1.033	BASIN 3	17.5	0.803	0.140	0.9394	
480 minute summer	BH1	Infiltration		0.1				3.6
480 minute summer	BH2	Infiltration		0.2				1.2
480 minute summer	BH3	Infiltration		0.2				6.8

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	248	188.391	0.020	0.8	0.0302	0.0000	OK
480 minute winter	S2	248	187.121	0.082	7.6	0.1424	0.0000	OK
480 minute winter	S3	248	186.217	0.080	10.4	0.1067	0.0000	OK
480 minute winter	S4	408	186.010	0.632	17.8	0.8104	0.0000	SURCHARGED
480 minute winter	S5	408	186.010	1.100	3.6	1.5739	0.0000	SURCHARGED
480 minute winter	S6	464	184.862	0.054	3.6	0.0778	0.0000	OK
480 minute winter	S7	472	184.787	0.028	3.5	0.0403	0.0000	OK
480 minute winter	S8	480	184.360	0.030	3.5	0.0431	0.0000	OK
480 minute winter	S9	456	184.173	0.048	3.5	0.0684	0.0000	OK
480 minute winter	S10	256	184.167	0.054	12.6	0.0990	0.0000	OK
480 minute winter	S11	256	186.429	0.029	1.0	0.0456	0.0000	OK
480 minute winter	S12	256	186.228	0.052	3.0	0.0773	0.0000	OK
480 minute winter	S13	256	186.029	0.036	5.1	0.0535	0.0000	OK
480 minute winter	S14	256	185.236	0.061	6.7	0.0965	0.0000	OK
480 minute winter	S15	256	184.916	0.049	8.7	0.0770	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S1	1.000	J1	0.8	0.453	0.092	0.0148	
480 minute winter	S2	1.012	J12	7.6	0.639	0.255	0.0178	
480 minute winter	S3	1.019	J18	10.4	0.920	0.196	0.0590	
480 minute winter	S4	1.022	BASIN 1	17.6	0.912	0.105	1.1778	
480 minute winter	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1955	
480 minute winter	S6	1.026	BASIN 2	3.6	0.460	0.041	0.0543	
480 minute winter	S7	1.028	SWALE 2	3.5	0.553	0.011	0.1083	
480 minute winter	S8	1.030	S9	3.5	0.583	0.013	0.0736	
480 minute winter	S9	1.031	S10	3.5	0.614	0.041	0.0556	
480 minute winter	S10	1.032	SWALE 3	12.6	0.934	0.038	0.0595	
480 minute winter	S11	32.000	J28	1.0	0.496	0.168	0.0092	
480 minute winter	S12	32.003	J30	3.0	0.527	0.223	0.0287	
480 minute winter	S13	32.007	J33	5.1	1.277	0.052	0.0521	
480 minute winter	S14	32.009	J34	6.7	0.721	0.132	0.0487	
480 minute winter	S15	32.013	J37	8.7	1.418	0.094	0.0572	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	256	184.525	0.038	10.2	0.0585	0.0000	OK
480 minute winter	S17	264	186.182	0.032	1.2	0.0510	0.0000	OK
480 minute winter	S18	408	186.010	0.186	3.5	0.2754	0.0000	OK
480 minute winter	S19	408	186.010	0.244	5.6	0.3520	0.0000	SURCHARGED
480 minute winter	S20	264	184.662	0.020	0.5	0.0225	0.0000	OK
480 minute winter	S21	256	184.450	0.041	1.9	0.0544	0.0000	OK
480 minute winter	S22	256	184.299	0.067	4.0	0.0875	0.0000	OK
480 minute winter	S23	256	184.280	0.082	5.7	0.1057	0.0000	OK
480 minute winter	S24	256	184.122	0.105	10.8	0.1375	0.0000	OK
480 minute winter	S25	256	184.068	0.098	12.1	0.1352	0.0000	OK
480 minute winter	S26	264	185.399	0.022	1.1	0.0325	0.0000	OK
480 minute winter	FC1	256	188.410	0.160	0.4	0.2070	0.0000	SURCHARGED
480 minute winter	FC2	256	188.311	0.161	0.4	0.2079	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S16	32.015	J38	10.2	0.879	0.032	0.0279	
480 minute winter	S17	23.001	J20	1.2	0.584	0.208	0.0151	
480 minute winter	S18	23.006	J24	3.5	0.418	0.110	0.0655	
480 minute winter	S19	23.010	J27	5.6	0.520	0.185	0.3541	
480 minute winter	S20	48.001	J41	0.5	0.449	0.081	0.0050	
480 minute winter	S21	48.004	J43	1.9	0.441	0.146	0.0225	
480 minute winter	S22	48.008	J46	4.0	0.390	0.127	0.0249	
480 minute winter	S23	48.011	J48	5.7	0.447	0.184	0.0142	
480 minute winter	S24	48.018	J56	10.8	0.507	0.202	0.0905	
480 minute winter	S25	48.021	BASIN 4	12.1	0.679	0.227	0.0687	
480 minute winter	S26	65.001	J54	1.1	0.596	0.106	0.0159	
480 minute winter	FC1	2.000	J1	0.4	0.248	0.062	0.0079	
480 minute winter	FC1	Infiltration		0.0				0.0
480 minute winter	FC2	3.000	J2	0.4	0.419	0.064	0.0041	
480 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC3	264	188.450	0.250	0.5	0.3380	0.0000	SURCHARGED
480 minute winter	FC4	264	188.301	0.101	0.3	0.1259	0.0000	SURCHARGED
480 minute winter	FC5	256	188.161	0.161	0.4	0.2080	0.0000	SURCHARGED
480 minute winter	FC6	264	187.950	0.100	0.3	0.1247	0.0000	OK
480 minute winter	FC7	264	187.851	0.101	0.3	0.1263	0.0000	SURCHARGED
480 minute winter	FC8	256	187.908	0.158	0.4	0.2035	0.0000	SURCHARGED
480 minute winter	FC9	264	187.572	0.102	0.3	0.1278	0.0000	SURCHARGED
480 minute winter	FC10	264	187.720	0.250	0.5	0.3375	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC3	4.000	J3	0.5	0.469	0.078	0.0097	
480 minute winter	FC3	Infiltration		0.0				0.0
480 minute winter	FC4	5.000	J4	0.3	0.459	0.040	0.0048	
480 minute winter	FC4	Infiltration		0.0				0.0
480 minute winter	FC5	6.000	J5	0.4	0.417	0.064	0.0038	
480 minute winter	FC5	Infiltration		0.0				0.0
480 minute winter	FC6	7.000	J6	0.3	0.510	0.034	0.0043	
480 minute winter	FC6	Infiltration		0.0				0.0
480 minute winter	FC7	8.000	J7	0.3	0.444	0.042	0.0049	
480 minute winter	FC7	Infiltration		0.0				0.0
480 minute winter	FC8	9.000	J8	0.4	0.585	0.040	0.0027	
480 minute winter	FC8	Infiltration		0.0				0.0
480 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
480 minute winter	FC9	Infiltration		0.0				0.0
480 minute winter	FC10	11.000	J10	0.5	0.487	0.073	0.0062	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC11	256	187.481	0.161	0.4	0.2078	0.0000	SURCHARGED
480 minute winter	FC12	256	187.391	0.161	0.4	0.2078	0.0000	SURCHARGED
480 minute winter	FC13	256	187.161	0.161	0.4	0.2078	0.0000	SURCHARGED
480 minute winter	FC14	288	186.983	0.083	0.4	1.0608	0.0000	OK
480 minute winter	FC15	264	187.298	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC16	264	187.002	0.102	0.3	0.1273	0.0000	SURCHARGED
480 minute winter	FC17	264	187.098	0.098	0.3	0.1225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC10	Infiltration		0.0				0.0
480 minute winter	FC11	12.000	J11	0.4	0.420	0.065	0.0071	
480 minute winter	FC11	Infiltration		0.0				0.0
480 minute winter	FC12	13.000	S2	0.4	0.420	0.065	0.0063	
480 minute winter	FC12	Infiltration		0.0				0.0
480 minute winter	FC13	14.000	J12	0.4	0.421	0.064	0.0062	
480 minute winter	FC13	Infiltration		0.0				0.0
480 minute winter	FC14	15.000	J13	0.3	0.379	0.045	0.0053	
480 minute winter	FC14	Infiltration		0.0				0.0
480 minute winter	FC15	16.000	J14	0.3	0.825	0.017	0.0017	
480 minute winter	FC15	Infiltration		0.0				0.0
480 minute winter	FC16	17.000	J15	0.3	0.409	0.047	0.0055	
480 minute winter	FC16	Infiltration		0.0				0.0
480 minute winter	FC17	18.000	J16	0.3	0.646	0.024	0.0022	
480 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC18	264	186.652	0.102	0.3	0.1279	0.0000	SURCHARGED
480 minute winter	FC19	256	186.561	0.161	0.4	0.2079	0.0000	SURCHARGED
480 minute winter	FC20	256	187.105	0.155	0.4	0.2004	0.0000	SURCHARGED
480 minute winter	FC21	256	186.461	0.161	0.4	0.2078	0.0000	SURCHARGED
480 minute winter	FC22	272	186.515	0.065	0.3	0.6274	0.0000	OK
480 minute winter	FC23	264	186.398	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC24	256	186.456	0.156	0.4	0.2009	0.0000	SURCHARGED
480 minute winter	FC25	256	186.705	0.155	0.4	0.2004	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC18	19.000	J17	0.3	0.391	0.050	0.0053	
480 minute winter	FC18	Infiltration		0.0				0.0
480 minute winter	FC19	20.000	S3	0.4	0.419	0.065	0.0060	
480 minute winter	FC19	Infiltration		0.0				0.0
480 minute winter	FC20	21.000	J18	0.4	0.841	0.024	0.0020	
480 minute winter	FC20	Infiltration		0.0				0.0
480 minute winter	FC21	22.000	J19	0.4	0.420	0.065	0.0070	
480 minute winter	FC21	Infiltration		0.0				0.0
480 minute winter	FC22	23.000	S17	0.2	0.277	0.015	0.0059	
480 minute winter	FC22	Infiltration		0.0				0.0
480 minute winter	FC23	24.000	J20	0.3	0.684	0.022	0.0020	
480 minute winter	FC23	Infiltration		0.0				0.0
480 minute winter	FC24	25.000	J21	0.4	0.759	0.028	0.0023	
480 minute winter	FC24	Infiltration		0.0				0.0
480 minute winter	FC25	26.000	J22	0.4	0.834	0.024	0.0022	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC26	272	186.514	0.064	0.3	0.6439	0.0000	OK
480 minute winter	FC27	264	186.598	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC28	256	186.655	0.155	0.4	0.2004	0.0000	SURCHARGED
480 minute winter	FC29	256	186.655	0.155	0.4	0.2004	0.0000	SURCHARGED
480 minute winter	FC30	256	186.905	0.155	0.4	0.2006	0.0000	SURCHARGED
480 minute winter	FC31	264	186.549	0.099	0.3	0.1242	0.0000	OK
480 minute winter	FC32	264	186.548	0.098	0.3	0.1225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC25	Infiltration		0.0				0.0
480 minute winter	FC26	27.000	J23	0.2	0.636	0.017	0.0017	
480 minute winter	FC26	Infiltration		0.0				0.0
480 minute winter	FC27	28.000	J24	0.3	0.959	0.014	0.0129	
480 minute winter	FC27	Infiltration		0.0				0.0
480 minute winter	FC28	29.000	J25	0.4	0.839	0.024	0.0020	
480 minute winter	FC28	Infiltration		0.0				0.0
480 minute winter	FC29	30.000	J26	0.4	0.816	0.025	0.0022	
480 minute winter	FC29	Infiltration		0.0				0.0
480 minute winter	FC30	31.000	J27	0.4	0.783	0.026	0.0022	
480 minute winter	FC30	Infiltration		0.0				0.0
480 minute winter	FC31	33.000	J28	0.3	0.237	0.033	0.0058	
480 minute winter	FC31	Infiltration		0.0				0.0
480 minute winter	FC32	34.000	J29	0.3	0.213	0.024	0.0065	
480 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC33	256	186.606	0.156	0.4	0.2008	0.0000	SURCHARGED
480 minute winter	FC34	256	186.611	0.161	0.4	0.2075	0.0000	SURCHARGED
480 minute winter	FC35	256	186.606	0.155	0.4	0.2007	0.0000	SURCHARGED
480 minute winter	FC36	256	186.605	0.155	0.4	0.2004	0.0000	SURCHARGED
480 minute winter	FC37	264	186.047	0.247	0.5	0.3342	0.0000	SURCHARGED
480 minute winter	FC38	272	185.510	0.060	0.3	0.7197	0.0000	OK
480 minute winter	FC39	264	185.548	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC40	256	185.655	0.155	0.4	0.2004	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC33	35.000	S12	0.4	0.770	0.027	0.0021	
480 minute winter	FC33	Infiltration		0.0				0.0
480 minute winter	FC34	36.000	J30	0.4	0.431	0.062	0.0042	
480 minute winter	FC34	Infiltration		0.0				0.0
480 minute winter	FC35	37.000	J31	0.4	0.775	0.027	0.0025	
480 minute winter	FC35	Infiltration		0.0				0.0
480 minute winter	FC36	38.000	J32	0.4	0.812	0.025	0.0024	
480 minute winter	FC36	Infiltration		0.0				0.0
480 minute winter	FC37	39.000	J33	0.5	0.597	0.055	0.0053	
480 minute winter	FC37	Infiltration		0.0				0.0
480 minute winter	FC38	40.000	J34	0.2	0.604	0.018	0.0017	
480 minute winter	FC38	Infiltration		0.0				0.0
480 minute winter	FC39	41.000	J35	0.3	0.725	0.021	0.0018	
480 minute winter	FC39	Infiltration		0.0				0.0
480 minute winter	FC40	42.000	J36	0.4	0.953	0.020	0.0020	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC41	256	185.007	0.157	0.4	0.2027	0.0000	SURCHARGED
480 minute winter	FC42	256	184.758	0.158	0.4	0.2043	0.0000	SURCHARGED
480 minute winter	FC43	256	184.757	0.157	0.4	0.2028	0.0000	SURCHARGED
480 minute winter	FC44	232	184.612	0.012	0.3	0.0148	0.0000	OK
480 minute winter	FC45	264	184.698	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC46	264	184.951	0.251	0.5	0.3388	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	256	184.955	0.155	0.4	0.2006	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC40	Infiltration		0.0				0.0
480 minute winter	FC41	43.000	J37	0.4	0.625	0.036	0.0031	
480 minute winter	FC41	Infiltration		0.0				0.0
480 minute winter	FC42	44.000	J38	0.4	0.545	0.044	0.0035	
480 minute winter	FC42	Infiltration		0.0				0.0
480 minute winter	FC43	45.000	J39	0.4	0.618	0.037	0.0027	
480 minute winter	FC43	Infiltration		0.0				0.0
480 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
480 minute winter	FC44	Infiltration		0.0				0.0
480 minute winter	FC45	47.000	S10	0.3	0.675	0.023	0.0020	
480 minute winter	FC45	Infiltration		0.0				0.0
480 minute winter	FC46	48.000	S20	0.5	0.442	0.082	0.0066	
480 minute winter	FC46	Infiltration		0.0				0.0
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
480 minute winter	FC48	50.000	J42	0.4	0.372	0.027	0.0054	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC49	256	184.961	0.161	0.4	0.2080	0.0000	SURCHARGED
480 minute winter	FC50	256	184.961	0.161	0.4	0.2080	0.0000	SURCHARGED
480 minute winter	FC51	256	185.011	0.161	0.4	0.2079	0.0000	SURCHARGED
480 minute winter	FC52	256	185.407	0.157	0.4	0.2030	0.0000	SURCHARGED
480 minute winter	FC53	256	185.408	0.158	0.4	0.2037	0.0000	SURCHARGED
480 minute winter	FC54	264	185.349	0.099	0.3	0.1233	0.0000	OK
480 minute winter	FC55	264	185.348	0.098	0.3	0.1225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC48	Infiltration		0.0				0.0
480 minute winter	FC49	51.000	S21	0.4	0.417	0.065	0.0040	
480 minute winter	FC49	Infiltration		0.0				0.0
480 minute winter	FC50	52.000	J43	0.4	0.418	0.065	0.0043	
480 minute winter	FC50	Infiltration		0.0				0.0
480 minute winter	FC51	55.000	S22	0.4	0.419	0.065	0.0056	
480 minute winter	FC51	Infiltration		0.0				0.0
480 minute winter	FC52	58.000	S23	0.4	0.608	0.038	0.0034	
480 minute winter	FC52	Infiltration		0.0				0.0
480 minute winter	FC53	61.000	J50	0.4	0.572	0.041	0.0029	
480 minute winter	FC53	Infiltration		0.0				0.0
480 minute winter	FC54	62.000	J51	0.3	0.589	0.028	0.0020	
480 minute winter	FC54	Infiltration		0.0				0.0
480 minute winter	FC55	64.000	J53	0.3	0.742	0.020	0.0017	
480 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC56	264	185.448	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC57	264	185.448	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC58	264	185.448	0.098	0.3	0.1225	0.0000	OK
480 minute winter	FC59	264	185.448	0.098	0.3	0.1226	0.0000	OK
480 minute winter	FC60	256	185.506	0.156	0.4	0.2017	0.0000	SURCHARGED
480 minute winter	FC61	256	185.458	0.158	0.4	0.2042	0.0000	SURCHARGED
480 minute winter	FC62	264	185.499	0.248	0.5	0.3357	0.0000	SURCHARGED
480 minute winter	FC63	264	185.502	0.102	0.3	0.1276	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC56	53.000	J44	0.3	0.764	0.019	0.0026	
480 minute winter	FC56	Infiltration		0.0				0.0
480 minute winter	FC57	54.000	J45	0.3	0.717	0.021	0.0027	
480 minute winter	FC57	Infiltration		0.0				0.0
480 minute winter	FC58	56.000	J46	0.3	0.689	0.022	0.0027	
480 minute winter	FC58	Infiltration		0.0				0.0
480 minute winter	FC59	57.000	J47	0.3	0.640	0.025	0.0030	
480 minute winter	FC59	Infiltration		0.0				0.0
480 minute winter	FC60	59.000	J48	0.4	0.682	0.032	0.0037	
480 minute winter	FC60	Infiltration		0.0				0.0
480 minute winter	FC61	60.000	J49	0.4	0.548	0.044	0.0052	
480 minute winter	FC61	Infiltration		0.0				0.0
480 minute winter	FC62	63.000	J52	0.5	0.541	0.063	0.0084	
480 minute winter	FC62	Infiltration		0.0				0.0
480 minute winter	FC63	65.000	S26	0.3	0.296	0.050	0.0024	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC64	264	185.252	0.102	0.3	0.1276	0.0000	SURCHARGED
480 minute winter	FC65	256	185.307	0.157	0.4	0.2030	0.0000	SURCHARGED
480 minute winter	FC66	256	185.160	0.160	0.4	0.2065	0.0000	SURCHARGED
480 minute winter	FC67	272	184.865	0.065	0.3	0.6671	0.0000	OK
480 minute winter	FC68	264	184.650	0.100	0.3	0.1248	0.0000	OK
480 minute winter	J1	248	188.235	0.035	2.0	0.0517	0.0000	OK
480 minute winter	J2	248	188.107	0.051	2.3	0.0574	0.0000	OK
480 minute winter	J3	248	188.097	0.047	2.8	0.0533	0.0000	OK
480 minute winter	J4	248	188.072	0.033	3.1	0.0374	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC63	Infiltration		0.0				0.0
480 minute winter	FC64	66.000	J54	0.3	0.192	0.050	0.0035	
480 minute winter	FC64	Infiltration		0.0				0.0
480 minute winter	FC65	67.000	J55	0.4	0.276	0.039	0.0033	
480 minute winter	FC65	Infiltration		0.0				0.0
480 minute winter	FC66	68.000	S24	0.4	0.470	0.053	0.0017	
480 minute winter	FC66	Infiltration		0.0				0.0
480 minute winter	FC67	69.000	J56	0.2	0.354	0.039	0.0014	
480 minute winter	FC67	Infiltration		0.0				0.0
480 minute winter	FC68	70.000	J57	0.3	0.513	0.033	0.0013	
480 minute winter	FC68	Infiltration		0.0				0.0
480 minute winter	J1	1.001	J2	2.0	0.834	0.238	0.0119	
480 minute winter	J2	1.002	J3	2.3	0.470	0.174	0.0052	
480 minute winter	J3	1.003	J4	2.8	0.744	0.211	0.0074	
480 minute winter	J4	1.004	J5	3.1	1.140	0.091	0.0096	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J5	248	187.941	0.031	3.5	0.0346	0.0000	OK
480 minute winter	J6	248	187.692	0.042	3.8	0.0480	0.0000	OK
480 minute winter	J7	248	187.578	0.053	4.1	0.0602	0.0000	OK
480 minute winter	J8	248	187.555	0.034	4.4	0.0385	0.0000	OK
480 minute winter	J9	248	187.332	0.057	4.7	0.0640	0.0000	OK
480 minute winter	J10	248	187.303	0.032	5.2	0.0367	0.0000	OK
480 minute winter	J11	248	187.166	0.045	5.5	0.0511	0.0000	OK
480 minute winter	J12	248	186.865	0.056	8.0	0.0638	0.0000	OK
480 minute winter	J13	248	186.718	0.091	8.2	0.1024	0.0000	OK
480 minute winter	J14	248	186.708	0.086	8.5	0.0968	0.0000	OK
480 minute winter	J15	248	186.694	0.076	8.8	0.0865	0.0000	OK
480 minute winter	J16	248	186.663	0.058	9.1	0.0653	0.0000	OK
480 minute winter	J17	248	186.322	0.039	9.4	0.0444	0.0000	OK
480 minute winter	J18	248	186.176	0.051	10.8	0.0574	0.0000	OK
480 minute winter	J19	256	186.120	0.093	11.2	0.1056	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J5	1.005	J6	3.5	1.050	0.091	0.0189	
480 minute winter	J6	1.006	J7	3.8	1.012	0.132	0.0073	
480 minute winter	J7	1.007	J8	4.0	0.752	0.131	0.0062	
480 minute winter	J8	1.008	J9	4.4	0.777	0.050	0.0490	
480 minute winter	J9	1.009	J10	4.7	0.848	0.141	0.0068	
480 minute winter	J10	1.010	J11	5.2	1.137	0.040	0.0112	
480 minute winter	J11	1.011	S2	5.5	0.601	0.086	0.0504	
480 minute winter	J12	1.013	J13	8.0	1.084	0.119	0.0477	
480 minute winter	J13	1.014	J14	8.2	0.477	0.145	0.0326	
480 minute winter	J14	1.015	J15	8.5	0.555	0.151	0.0294	
480 minute winter	J15	1.016	J16	8.8	0.749	0.165	0.0605	
480 minute winter	J16	1.017	J17	9.1	1.045	0.064	0.0292	
480 minute winter	J17	1.018	S3	9.4	0.942	0.030	0.0194	
480 minute winter	J18	1.020	J19	10.8	0.832	0.038	0.0198	
480 minute winter	J19	1.021	S4	11.2	0.665	0.203	0.0740	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J20	264	186.068	0.037	1.5	0.0415	0.0000	OK
480 minute winter	J21	256	186.048	0.039	1.9	0.0441	0.0000	OK
480 minute winter	J22	408	186.011	0.048	2.3	0.0538	0.0000	OK
480 minute winter	J23	408	186.011	0.068	2.5	0.0774	0.0000	OK
480 minute winter	J24	408	186.010	0.193	3.8	0.2187	0.0000	OK
480 minute winter	J25	408	186.010	0.214	4.2	0.2424	0.0000	OK
480 minute winter	J26	408	186.010	0.231	4.6	0.2616	0.0000	SURCHARGED
480 minute winter	J27	408	186.010	0.274	5.9	0.3101	0.0000	SURCHARGED
480 minute winter	J28	256	186.388	0.032	1.3	0.0365	0.0000	OK
480 minute winter	J29	256	186.308	0.037	1.6	0.0423	0.0000	OK
480 minute winter	J30	256	186.202	0.055	3.4	0.0621	0.0000	OK
480 minute winter	J31	256	186.100	0.056	3.7	0.0632	0.0000	OK
480 minute winter	J32	256	186.066	0.055	4.1	0.0617	0.0000	OK
480 minute winter	J33	256	185.570	0.035	5.6	0.0400	0.0000	OK
480 minute winter	J34	256	185.192	0.067	6.9	0.0755	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J20	23.002	J21	1.5	0.439	0.113	0.0132	
480 minute winter	J21	23.003	J22	1.9	0.467	0.142	0.0327	
480 minute winter	J22	23.004	J23	2.3	0.503	0.169	0.0227	
480 minute winter	J23	23.005	S18	2.5	0.568	0.187	0.0820	
480 minute winter	J24	23.007	J25	3.8	0.435	0.126	0.2330	
480 minute winter	J25	23.008	J26	4.2	0.432	0.138	0.1957	
480 minute winter	J26	23.009	S19	4.6	0.442	0.149	0.1474	
480 minute winter	J27	23.011	S4	5.9	0.599	0.199	0.0951	
480 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0214	
480 minute winter	J29	32.002	S12	1.6	0.619	0.268	0.0120	
480 minute winter	J30	32.004	J31	3.4	0.603	0.253	0.0277	
480 minute winter	J31	32.005	J32	3.7	0.496	0.124	0.0734	
480 minute winter	J32	32.006	S13	4.1	0.728	0.137	0.0303	
480 minute winter	J33	32.008	S14	5.6	0.897	0.054	0.0577	
480 minute winter	J34	32.010	J35	6.9	0.923	0.179	0.0683	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J35	256	185.118	0.043	7.2	0.0488	0.0000	OK
480 minute winter	J36	256	184.946	0.071	7.6	0.0805	0.0000	OK
480 minute winter	J37	256	184.574	0.074	9.1	0.0836	0.0000	OK
480 minute winter	J38	256	184.394	0.094	10.5	0.1068	0.0000	OK
480 minute winter	J39	256	184.361	0.087	10.9	0.0987	0.0000	OK
480 minute winter	J40	256	184.337	0.072	11.2	0.0815	0.0000	OK
480 minute winter	J41	264	184.616	0.019	0.5	0.0219	0.0000	OK
480 minute winter	J42	256	184.564	0.026	0.9	0.0299	0.0000	OK
480 minute winter	J43	256	184.429	0.049	2.3	0.0549	0.0000	OK
480 minute winter	J44	256	184.417	0.047	2.6	0.0528	0.0000	OK
480 minute winter	J45	256	184.372	0.052	2.9	0.0584	0.0000	OK
480 minute winter	J46	256	184.292	0.070	4.3	0.0790	0.0000	OK
480 minute winter	J47	256	184.285	0.078	4.6	0.0884	0.0000	OK
480 minute winter	J48	256	184.272	0.078	6.0	0.0883	0.0000	OK
480 minute winter	J49	256	184.259	0.090	6.4	0.1016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J35	32.011	J36	7.2	0.909	0.081	0.0552	
480 minute winter	J36	32.012	S15	7.6	0.893	0.253	0.0203	
480 minute winter	J37	32.014	S16	9.1	0.996	0.164	0.0485	
480 minute winter	J38	32.016	J39	10.5	0.586	0.195	0.1946	
480 minute winter	J39	32.017	J40	10.9	0.730	0.200	0.0548	
480 minute winter	J40	32.018	S10	11.2	0.905	0.113	0.1186	
480 minute winter	J41	48.002	J42	0.5	0.363	0.082	0.0084	
480 minute winter	J42	48.003	S21	0.9	0.529	0.146	0.0133	
480 minute winter	J43	48.005	J44	2.3	0.484	0.166	0.0077	
480 minute winter	J44	48.006	J45	2.6	0.521	0.196	0.0440	
480 minute winter	J45	48.007	S22	2.9	0.578	0.215	0.0120	
480 minute winter	J46	48.009	J47	4.3	0.377	0.139	0.0479	
480 minute winter	J47	48.010	S23	4.6	0.362	0.152	0.0334	
480 minute winter	J48	48.012	J49	6.0	0.448	0.202	0.1006	
480 minute winter	J49	48.013	J50	6.4	0.447	0.209	0.0163	

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J50	256	184.251	0.086	6.8	0.0974	0.0000	OK
480 minute winter	J51	256	184.239	0.091	7.1	0.1027	0.0000	OK
480 minute winter	J52	256	184.229	0.085	7.6	0.0963	0.0000	OK
480 minute winter	J53	256	184.209	0.082	7.9	0.0922	0.0000	OK
480 minute winter	J54	264	185.164	0.035	1.4	0.0399	0.0000	OK
480 minute winter	J55	256	185.128	0.034	1.8	0.0386	0.0000	OK
480 minute winter	J56	256	184.108	0.101	11.0	0.1143	0.0000	OK
480 minute winter	J57	256	184.087	0.102	11.3	0.1156	0.0000	OK
480 minute winter	BASIN 1	408	186.010	1.085	18.1	134.6289	0.0000	SURCHARGED
480 minute winter	BASIN 2	472	184.849	0.549	3.7	55.5117	0.0000	OK
480 minute winter	BASIN 3	720	183.172	0.072	14.1	217.1214	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J50	48.014	J51	6.8	0.469	0.227	0.0735	
480 minute winter	J51	48.015	J52	7.1	0.493	0.231	0.0163	
480 minute winter	J52	48.016	J53	7.6	0.567	0.248	0.0651	
480 minute winter	J53	48.017	S24	7.9	0.658	0.260	0.1226	
480 minute winter	J54	65.002	J55	1.4	0.580	0.236	0.0088	
480 minute winter	J55	65.003	S24	1.8	0.772	0.233	0.0180	
480 minute winter	J56	48.019	J57	11.0	0.525	0.203	0.1907	
480 minute winter	J57	48.020	S25	11.3	0.551	0.207	0.1255	
480 minute winter	BASIN 1	1.023	S5	3.6	0.116	0.043	0.9418	
480 minute winter	BASIN 1	Infiltration		0.1				4.1
480 minute winter	BASIN 2	1.027	S7	3.5	0.557	0.042	0.1397	
480 minute winter	BASIN 2	71.000	BH1	1.1	0.541	0.179	0.1829	
480 minute winter	BASIN 2	Infiltration		0.0				0.0
480 minute winter	BASIN 3	1.034	BH2	1.1	0.331	0.009	0.2204	
480 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	BASIN 4	496	183.806	0.476	13.3	141.3387	0.0000	SURCHARGED
480 minute winter	SWALE 1	408	184.928	0.054	3.6	0.0769	0.0000	OK
480 minute winter	SWALE 2	472	184.427	0.052	3.5	0.0746	0.0000	OK
480 minute winter	SWALE 3	256	184.076	0.081	12.6	0.1159	0.0000	OK
480 minute winter	BH1	472	184.849	0.772	1.1	3.0394	0.0000	OK
480 minute winter	BH2	720	183.172	0.089	1.1	2.0467	0.0000	OK
480 minute winter	BH3	496	183.806	0.487	0.8	3.8791	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	BASIN 4	48.022	BH3	0.8	0.381	0.016	0.3211	
480 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	3.6	0.384	0.043	0.3613	
480 minute winter	SWALE 2	1.029	S8	3.5	0.534	0.042	0.1720	
480 minute winter	SWALE 3	1.033	BASIN 3	12.6	0.733	0.101	0.7430	
480 minute winter	BH1	Infiltration		0.1				3.5
480 minute winter	BH2	Infiltration		0.2				1.2
480 minute winter	BH3	Infiltration		0.2				6.8

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.392	0.022	0.9	0.0320	0.0000	OK
600 minute summer	S2	315	187.126	0.087	8.5	0.1507	0.0000	OK
600 minute summer	S3	315	186.222	0.085	11.6	0.1123	0.0000	OK
600 minute summer	S4	465	185.998	0.620	20.1	0.7945	0.0000	SURCHARGED
600 minute summer	S5	465	185.998	1.087	3.6	1.5561	0.0000	SURCHARGED
600 minute summer	S6	525	184.862	0.054	3.6	0.0776	0.0000	OK
600 minute summer	S7	525	184.787	0.028	3.5	0.0403	0.0000	OK
600 minute summer	S8	525	184.360	0.030	3.5	0.0432	0.0000	OK
600 minute summer	S9	525	184.173	0.048	3.5	0.0683	0.0000	OK
600 minute summer	S10	315	184.172	0.059	14.5	0.1076	0.0000	OK
600 minute summer	S11	315	186.432	0.032	1.2	0.0504	0.0000	OK
600 minute summer	S12	315	186.232	0.056	3.4	0.0832	0.0000	OK
600 minute summer	S13	315	186.031	0.038	5.7	0.0567	0.0000	OK
600 minute summer	S14	315	185.241	0.066	7.7	0.1043	0.0000	OK
600 minute summer	S15	315	184.920	0.053	10.0	0.0828	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S1	1.000	J1	0.9	0.469	0.103	0.0160	
600 minute summer	S2	1.012	J12	8.5	0.660	0.284	0.0192	
600 minute summer	S3	1.019	J18	11.6	0.937	0.217	0.0641	
600 minute summer	S4	1.022	BASIN 1	19.8	0.894	0.118	1.1778	
600 minute summer	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1947	
600 minute summer	S6	1.026	BASIN 2	3.6	0.459	0.041	0.0543	
600 minute summer	S7	1.028	SWALE 2	3.5	0.553	0.011	0.1084	
600 minute summer	S8	1.030	S9	3.5	0.580	0.013	0.0736	
600 minute summer	S9	1.031	S10	3.5	0.606	0.041	0.0637	
600 minute summer	S10	1.032	SWALE 3	14.5	0.963	0.044	0.0664	
600 minute summer	S11	32.000	J28	1.2	0.523	0.202	0.0104	
600 minute summer	S12	32.003	J30	3.4	0.545	0.253	0.0315	
600 minute summer	S13	32.007	J33	5.7	1.318	0.059	0.0567	
600 minute summer	S14	32.009	J34	7.7	0.748	0.151	0.0538	
600 minute summer	S15	32.013	J37	10.0	1.471	0.108	0.0633	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.529	0.042	11.8	0.0642	0.0000	OK
600 minute summer	S17	315	186.186	0.036	1.5	0.0571	0.0000	OK
600 minute summer	S18	465	185.998	0.174	4.1	0.2571	0.0000	OK
600 minute summer	S19	465	185.998	0.232	6.5	0.3341	0.0000	SURCHARGED
600 minute summer	S20	330	184.663	0.021	0.5	0.0238	0.0000	OK
600 minute summer	S21	315	184.452	0.043	2.1	0.0571	0.0000	OK
600 minute summer	S22	315	184.302	0.071	4.3	0.0914	0.0000	OK
600 minute summer	S23	315	184.283	0.085	6.0	0.1100	0.0000	OK
600 minute summer	S24	315	184.126	0.109	11.7	0.1438	0.0000	OK
600 minute summer	S25	315	184.072	0.102	13.2	0.1412	0.0000	OK
600 minute summer	S26	315	185.401	0.024	1.3	0.0354	0.0000	OK
600 minute summer	FC1	330	188.420	0.170	0.4	0.2196	0.0000	SURCHARGED
600 minute summer	FC2	330	188.321	0.171	0.4	0.2207	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S16	32.015	J38	11.8	0.907	0.037	0.0312	
600 minute summer	S17	23.001	J20	1.5	0.618	0.256	0.0176	
600 minute summer	S18	23.006	J24	4.1	0.434	0.129	0.0615	
600 minute summer	S19	23.010	J27	6.5	0.541	0.216	0.3541	
600 minute summer	S20	48.001	J41	0.5	0.463	0.091	0.0054	
600 minute summer	S21	48.004	J43	2.1	0.451	0.158	0.0239	
600 minute summer	S22	48.008	J46	4.3	0.393	0.136	0.0265	
600 minute summer	S23	48.011	J48	6.0	0.453	0.196	0.0150	
600 minute summer	S24	48.018	J56	11.7	0.516	0.218	0.0962	
600 minute summer	S25	48.021	BASIN 4	13.2	0.696	0.247	0.0730	
600 minute summer	S26	65.001	J54	1.3	0.631	0.125	0.0177	
600 minute summer	FC1	2.000	J1	0.4	0.256	0.064	0.0084	
600 minute summer	FC1	Infiltration		0.0				0.0
600 minute summer	FC2	3.000	J2	0.4	0.423	0.066	0.0042	
600 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC3	330	188.508	0.308	0.6	0.4155	0.0000	SURCHARGED
600 minute summer	FC4	330	188.301	0.101	0.3	0.1267	0.0000	SURCHARGED
600 minute summer	FC5	330	188.171	0.171	0.4	0.2208	0.0000	SURCHARGED
600 minute summer	FC6	330	187.950	0.100	0.3	0.1255	0.0000	SURCHARGED
600 minute summer	FC7	330	187.852	0.102	0.3	0.1271	0.0000	SURCHARGED
600 minute summer	FC8	330	187.917	0.167	0.4	0.2160	0.0000	SURCHARGED
600 minute summer	FC9	330	187.573	0.103	0.3	0.1287	0.0000	SURCHARGED
600 minute summer	FC10	330	187.777	0.307	0.6	0.4150	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC3	4.000	J3	0.5	0.484	0.087	0.0105	
600 minute summer	FC3	Infiltration		0.0				0.0
600 minute summer	FC4	5.000	J4	0.3	0.459	0.040	0.0048	
600 minute summer	FC4	Infiltration		0.0				0.0
600 minute summer	FC5	6.000	J5	0.4	0.421	0.067	0.0039	
600 minute summer	FC5	Infiltration		0.0				0.0
600 minute summer	FC6	7.000	J6	0.3	0.511	0.034	0.0043	
600 minute summer	FC6	Infiltration		0.0				0.0
600 minute summer	FC7	8.000	J7	0.3	0.444	0.042	0.0049	
600 minute summer	FC7	Infiltration		0.0				0.0
600 minute summer	FC8	9.000	J8	0.4	0.590	0.041	0.0028	
600 minute summer	FC8	Infiltration		0.0				0.0
600 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
600 minute summer	FC9	Infiltration		0.0				0.0
600 minute summer	FC10	11.000	J10	0.5	0.503	0.082	0.0067	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC11	330	187.491	0.171	0.4	0.2205	0.0000	SURCHARGED
600 minute summer	FC12	330	187.401	0.171	0.4	0.2206	0.0000	SURCHARGED
600 minute summer	FC13	330	187.171	0.171	0.4	0.2205	0.0000	SURCHARGED
600 minute summer	FC14	345	186.990	0.090	0.4	1.1437	0.0000	OK
600 minute summer	FC15	330	187.299	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC16	330	187.002	0.102	0.3	0.1281	0.0000	SURCHARGED
600 minute summer	FC17	330	187.099	0.099	0.3	0.1233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC10	Infiltration		0.0				0.0
600 minute summer	FC11	12.000	J11	0.4	0.424	0.067	0.0072	
600 minute summer	FC11	Infiltration		0.0				0.0
600 minute summer	FC12	13.000	S2	0.4	0.424	0.067	0.0064	
600 minute summer	FC12	Infiltration		0.0				0.0
600 minute summer	FC13	14.000	J12	0.4	0.425	0.067	0.0064	
600 minute summer	FC13	Infiltration		0.0				0.0
600 minute summer	FC14	15.000	J13	0.3	0.384	0.047	0.0054	
600 minute summer	FC14	Infiltration		0.0				0.0
600 minute summer	FC15	16.000	J14	0.3	0.825	0.017	0.0017	
600 minute summer	FC15	Infiltration		0.0				0.0
600 minute summer	FC16	17.000	J15	0.3	0.410	0.047	0.0055	
600 minute summer	FC16	Infiltration		0.0				0.0
600 minute summer	FC17	18.000	J16	0.3	0.647	0.024	0.0022	
600 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC18	330	186.653	0.103	0.3	0.1288	0.0000	SURCHARGED
600 minute summer	FC19	330	186.571	0.171	0.4	0.2206	0.0000	SURCHARGED
600 minute summer	FC20	330	187.114	0.164	0.4	0.2123	0.0000	SURCHARGED
600 minute summer	FC21	330	186.471	0.171	0.4	0.2205	0.0000	SURCHARGED
600 minute summer	FC22	345	186.517	0.066	0.3	0.6434	0.0000	OK
600 minute summer	FC23	330	186.399	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC24	330	186.465	0.165	0.4	0.2131	0.0000	SURCHARGED
600 minute summer	FC25	330	186.714	0.164	0.4	0.2123	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
600 minute summer	FC18	Infiltration		0.0				0.0
600 minute summer	FC19	20.000	S3	0.4	0.423	0.067	0.0062	
600 minute summer	FC19	Infiltration		0.0				0.0
600 minute summer	FC20	21.000	J18	0.4	0.849	0.025	0.0020	
600 minute summer	FC20	Infiltration		0.0				0.0
600 minute summer	FC21	22.000	J19	0.4	0.424	0.067	0.0071	
600 minute summer	FC21	Infiltration		0.0				0.0
600 minute summer	FC22	23.000	S17	0.2	0.270	0.016	0.0068	
600 minute summer	FC22	Infiltration		0.0				0.0
600 minute summer	FC23	24.000	J20	0.3	0.685	0.022	0.0020	
600 minute summer	FC23	Infiltration		0.0				0.0
600 minute summer	FC24	25.000	J21	0.4	0.766	0.028	0.0024	
600 minute summer	FC24	Infiltration		0.0				0.0
600 minute summer	FC25	26.000	J22	0.4	0.842	0.025	0.0022	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC26	345	186.516	0.066	0.3	0.6609	0.0000	OK
600 minute summer	FC27	330	186.599	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC28	330	186.664	0.164	0.4	0.2123	0.0000	SURCHARGED
600 minute summer	FC29	330	186.665	0.165	0.4	0.2125	0.0000	SURCHARGED
600 minute summer	FC30	330	186.915	0.165	0.4	0.2128	0.0000	SURCHARGED
600 minute summer	FC31	330	186.550	0.100	0.3	0.1250	0.0000	OK
600 minute summer	FC32	330	186.549	0.098	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC25	Infiltration		0.0				0.0
600 minute summer	FC26	27.000	J23	0.2	0.639	0.018	0.0017	
600 minute summer	FC26	Infiltration		0.0				0.0
600 minute summer	FC27	28.000	J24	0.3	0.960	0.014	0.0103	
600 minute summer	FC27	Infiltration		0.0				0.0
600 minute summer	FC28	29.000	J25	0.4	0.847	0.025	0.0020	
600 minute summer	FC28	Infiltration		0.0				0.0
600 minute summer	FC29	30.000	J26	0.4	0.823	0.026	0.0023	
600 minute summer	FC29	Infiltration		0.0				0.0
600 minute summer	FC30	31.000	J27	0.4	0.790	0.027	0.0022	
600 minute summer	FC30	Infiltration		0.0				0.0
600 minute summer	FC31	33.000	J28	0.3	0.227	0.033	0.0064	
600 minute summer	FC31	Infiltration		0.0				0.0
600 minute summer	FC32	34.000	J29	0.3	0.205	0.024	0.0070	
600 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC33	330	186.615	0.165	0.4	0.2130	0.0000	SURCHARGED
600 minute summer	FC34	330	186.621	0.171	0.4	0.2202	0.0000	SURCHARGED
600 minute summer	FC35	330	186.615	0.165	0.4	0.2129	0.0000	SURCHARGED
600 minute summer	FC36	330	186.615	0.165	0.4	0.2125	0.0000	SURCHARGED
600 minute summer	FC37	330	186.105	0.305	0.6	0.4116	0.0000	SURCHARGED
600 minute summer	FC38	345	185.512	0.062	0.3	0.7408	0.0000	OK
600 minute summer	FC39	330	185.549	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC40	330	185.664	0.164	0.4	0.2122	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC33	35.000	S12	0.4	0.777	0.028	0.0021	
600 minute summer	FC33	Infiltration		0.0				0.0
600 minute summer	FC34	36.000	J30	0.4	0.435	0.064	0.0043	
600 minute summer	FC34	Infiltration		0.0				0.0
600 minute summer	FC35	37.000	J31	0.4	0.782	0.028	0.0026	
600 minute summer	FC35	Infiltration		0.0				0.0
600 minute summer	FC36	38.000	J32	0.4	0.820	0.026	0.0024	
600 minute summer	FC36	Infiltration		0.0				0.0
600 minute summer	FC37	39.000	J33	0.5	0.616	0.061	0.0058	
600 minute summer	FC37	Infiltration		0.0				0.0
600 minute summer	FC38	40.000	J34	0.2	0.607	0.018	0.0018	
600 minute summer	FC38	Infiltration		0.0				0.0
600 minute summer	FC39	41.000	J35	0.3	0.726	0.021	0.0018	
600 minute summer	FC39	Infiltration		0.0				0.0
600 minute summer	FC40	42.000	J36	0.4	0.962	0.021	0.0021	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC41	330	185.017	0.167	0.4	0.2152	0.0000	SURCHARGED
600 minute summer	FC42	330	184.768	0.168	0.4	0.2169	0.0000	SURCHARGED
600 minute summer	FC43	330	184.767	0.167	0.4	0.2153	0.0000	SURCHARGED
600 minute summer	FC44	300	184.612	0.012	0.3	0.0148	0.0000	OK
600 minute summer	FC45	330	184.699	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC46	330	185.008	0.308	0.6	0.4163	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	184.965	0.165	0.4	0.2128	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC40	Infiltration		0.0				0.0
600 minute summer	FC41	43.000	J37	0.4	0.631	0.038	0.0032	
600 minute summer	FC41	Infiltration		0.0				0.0
600 minute summer	FC42	44.000	J38	0.4	0.550	0.046	0.0035	
600 minute summer	FC42	Infiltration		0.0				0.0
600 minute summer	FC43	45.000	J39	0.4	0.624	0.038	0.0027	
600 minute summer	FC43	Infiltration		0.0				0.0
600 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
600 minute summer	FC44	Infiltration		0.0				0.0
600 minute summer	FC45	47.000	S10	0.3	0.676	0.023	0.0020	
600 minute summer	FC45	Infiltration		0.0				0.0
600 minute summer	FC46	48.000	S20	0.5	0.455	0.091	0.0071	
600 minute summer	FC46	Infiltration		0.0				0.0
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0030	
600 minute summer	FC48	50.000	J42	0.4	0.367	0.028	0.0057	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC49	330	184.971	0.171	0.4	0.2208	0.0000	SURCHARGED
600 minute summer	FC50	330	184.971	0.171	0.4	0.2207	0.0000	SURCHARGED
600 minute summer	FC51	330	185.021	0.171	0.4	0.2206	0.0000	SURCHARGED
600 minute summer	FC52	330	185.417	0.167	0.4	0.2155	0.0000	SURCHARGED
600 minute summer	FC53	330	185.418	0.168	0.4	0.2163	0.0000	SURCHARGED
600 minute summer	FC54	330	185.349	0.099	0.3	0.1241	0.0000	OK
600 minute summer	FC55	330	185.349	0.098	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC48	Infiltration		0.0				0.0
600 minute summer	FC49	51.000	S21	0.4	0.421	0.067	0.0041	
600 minute summer	FC49	Infiltration		0.0				0.0
600 minute summer	FC50	52.000	J43	0.4	0.422	0.067	0.0044	
600 minute summer	FC50	Infiltration		0.0				0.0
600 minute summer	FC51	55.000	S22	0.4	0.423	0.067	0.0057	
600 minute summer	FC51	Infiltration		0.0				0.0
600 minute summer	FC52	58.000	S23	0.4	0.614	0.039	0.0035	
600 minute summer	FC52	Infiltration		0.0				0.0
600 minute summer	FC53	61.000	J50	0.4	0.578	0.043	0.0029	
600 minute summer	FC53	Infiltration		0.0				0.0
600 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
600 minute summer	FC54	Infiltration		0.0				0.0
600 minute summer	FC55	64.000	J53	0.3	0.742	0.020	0.0017	
600 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC56	330	185.449	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC57	330	185.449	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC58	330	185.449	0.098	0.3	0.1232	0.0000	OK
600 minute summer	FC59	330	185.449	0.099	0.3	0.1233	0.0000	OK
600 minute summer	FC60	330	185.516	0.166	0.4	0.2142	0.0000	SURCHARGED
600 minute summer	FC61	330	185.468	0.168	0.4	0.2167	0.0000	SURCHARGED
600 minute summer	FC62	330	185.556	0.306	0.6	0.4131	0.0000	SURCHARGED
600 minute summer	FC63	330	185.503	0.103	0.3	0.1284	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC56	53.000	J44	0.3	0.764	0.019	0.0026	
600 minute summer	FC56	Infiltration		0.0				0.0
600 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
600 minute summer	FC57	Infiltration		0.0				0.0
600 minute summer	FC58	56.000	J46	0.3	0.690	0.022	0.0027	
600 minute summer	FC58	Infiltration		0.0				0.0
600 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
600 minute summer	FC59	Infiltration		0.0				0.0
600 minute summer	FC60	59.000	J48	0.4	0.689	0.033	0.0038	
600 minute summer	FC60	Infiltration		0.0				0.0
600 minute summer	FC61	60.000	J49	0.4	0.553	0.046	0.0053	
600 minute summer	FC61	Infiltration		0.0				0.0
600 minute summer	FC62	63.000	J52	0.5	0.559	0.071	0.0091	
600 minute summer	FC62	Infiltration		0.0				0.0
600 minute summer	FC63	65.000	S26	0.3	0.296	0.051	0.0026	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC64	330	185.253	0.103	0.3	0.1291	0.0000	SURCHARGED
600 minute summer	FC65	330	185.317	0.167	0.4	0.2155	0.0000	SURCHARGED
600 minute summer	FC66	330	185.170	0.170	0.4	0.2192	0.0000	SURCHARGED
600 minute summer	FC67	345	184.867	0.067	0.3	0.6863	0.0000	OK
600 minute summer	FC68	330	184.650	0.100	0.3	0.1256	0.0000	SURCHARGED
600 minute summer	J1	315	188.237	0.037	2.2	0.0548	0.0000	OK
600 minute summer	J2	315	188.110	0.054	2.6	0.0606	0.0000	OK
600 minute summer	J3	315	188.100	0.050	3.1	0.0562	0.0000	OK
600 minute summer	J4	315	188.074	0.035	3.4	0.0393	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC63	Infiltration		0.0				0.0
600 minute summer	FC64	66.000	J54	0.3	0.192	0.051	0.0039	
600 minute summer	FC64	Infiltration		0.0				0.0
600 minute summer	FC65	67.000	J55	0.4	0.281	0.041	0.0035	
600 minute summer	FC65	Infiltration		0.0				0.0
600 minute summer	FC66	68.000	S24	0.4	0.475	0.055	0.0018	
600 minute summer	FC66	Infiltration		0.0				0.0
600 minute summer	FC67	69.000	J56	0.2	0.356	0.039	0.0014	
600 minute summer	FC67	Infiltration		0.0				0.0
600 minute summer	FC68	70.000	J57	0.3	0.514	0.033	0.0013	
600 minute summer	FC68	Infiltration		0.0				0.0
600 minute summer	J1	1.001	J2	2.2	0.857	0.264	0.0128	
600 minute summer	J2	1.002	J3	2.6	0.482	0.192	0.0056	
600 minute summer	J3	1.003	J4	3.1	0.767	0.234	0.0080	
600 minute summer	J4	1.004	J5	3.4	1.171	0.100	0.0103	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J5	315	187.942	0.032	3.8	0.0362	0.0000	OK
600 minute summer	J6	315	187.695	0.044	4.1	0.0503	0.0000	OK
600 minute summer	J7	315	187.580	0.055	4.4	0.0626	0.0000	OK
600 minute summer	J8	315	187.556	0.035	4.7	0.0399	0.0000	OK
600 minute summer	J9	315	187.334	0.059	5.1	0.0665	0.0000	OK
600 minute summer	J10	315	187.304	0.034	5.6	0.0384	0.0000	OK
600 minute summer	J11	330	187.168	0.047	6.0	0.0531	0.0000	OK
600 minute summer	J12	315	186.869	0.060	8.9	0.0676	0.0000	OK
600 minute summer	J13	315	186.723	0.096	9.1	0.1080	0.0000	OK
600 minute summer	J14	315	186.712	0.090	9.4	0.1018	0.0000	OK
600 minute summer	J15	315	186.697	0.080	9.7	0.0908	0.0000	OK
600 minute summer	J16	315	186.666	0.061	10.0	0.0688	0.0000	OK
600 minute summer	J17	315	186.325	0.042	10.3	0.0471	0.0000	OK
600 minute summer	J18	315	186.180	0.055	12.0	0.0617	0.0000	OK
600 minute summer	J19	315	186.125	0.098	12.3	0.1111	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J5	1.005	J6	3.8	1.075	0.099	0.0202	
600 minute summer	J6	1.006	J7	4.1	1.033	0.144	0.0078	
600 minute summer	J7	1.007	J8	4.3	0.766	0.140	0.0065	
600 minute summer	J8	1.008	J9	4.8	0.795	0.054	0.0516	
600 minute summer	J9	1.009	J10	5.1	0.862	0.152	0.0072	
600 minute summer	J10	1.010	J11	5.6	1.163	0.043	0.0119	
600 minute summer	J11	1.011	S2	6.0	0.612	0.093	0.0540	
600 minute summer	J12	1.013	J13	8.9	1.113	0.132	0.0515	
600 minute summer	J13	1.014	J14	9.1	0.492	0.161	0.0351	
600 minute summer	J14	1.015	J15	9.4	0.572	0.167	0.0315	
600 minute summer	J15	1.016	J16	9.7	0.769	0.182	0.0649	
600 minute summer	J16	1.017	J17	10.0	1.071	0.070	0.0314	
600 minute summer	J17	1.018	S3	10.3	0.957	0.033	0.0209	
600 minute summer	J18	1.020	J19	12.0	0.848	0.042	0.0214	
600 minute summer	J19	1.021	S4	12.3	0.685	0.224	0.0793	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J20	315	186.071	0.040	1.8	0.0456	0.0000	OK
600 minute summer	J21	315	186.051	0.042	2.2	0.0479	0.0000	OK
600 minute summer	J22	315	186.012	0.049	2.6	0.0555	0.0000	OK
600 minute summer	J23	465	185.998	0.056	2.8	0.0634	0.0000	OK
600 minute summer	J24	465	185.998	0.181	4.4	0.2046	0.0000	OK
600 minute summer	J25	465	185.998	0.202	4.8	0.2284	0.0000	OK
600 minute summer	J26	465	185.998	0.219	5.2	0.2476	0.0000	OK
600 minute summer	J27	465	185.998	0.262	6.9	0.2961	0.0000	SURCHARGED
600 minute summer	J28	315	186.391	0.035	1.5	0.0396	0.0000	OK
600 minute summer	J29	315	186.311	0.040	1.8	0.0452	0.0000	OK
600 minute summer	J30	315	186.206	0.059	3.8	0.0663	0.0000	OK
600 minute summer	J31	315	186.103	0.059	4.2	0.0668	0.0000	OK
600 minute summer	J32	315	186.068	0.057	4.5	0.0647	0.0000	OK
600 minute summer	J33	315	185.572	0.037	6.3	0.0423	0.0000	OK
600 minute summer	J34	315	185.196	0.071	7.9	0.0807	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J20	23.002	J21	1.8	0.460	0.134	0.0149	
600 minute summer	J21	23.003	J22	2.2	0.486	0.164	0.0364	
600 minute summer	J22	23.004	J23	2.6	0.521	0.192	0.0179	
600 minute summer	J23	23.005	S18	2.8	0.585	0.210	0.0688	
600 minute summer	J24	23.007	J25	4.4	0.448	0.146	0.2219	
600 minute summer	J25	23.008	J26	4.8	0.441	0.159	0.1912	
600 minute summer	J26	23.009	S19	5.2	0.447	0.169	0.1468	
600 minute summer	J27	23.011	S4	6.9	0.623	0.230	0.0951	
600 minute summer	J28	32.001	J29	1.5	0.559	0.253	0.0237	
600 minute summer	J29	32.002	S12	1.8	0.638	0.302	0.0131	
600 minute summer	J30	32.004	J31	3.8	0.621	0.284	0.0302	
600 minute summer	J31	32.005	J32	4.2	0.512	0.138	0.0790	
600 minute summer	J32	32.006	S13	4.5	0.745	0.151	0.0327	
600 minute summer	J33	32.008	S14	6.3	0.912	0.060	0.0638	
600 minute summer	J34	32.010	J35	7.9	0.959	0.204	0.0750	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J35	315	185.121	0.046	8.2	0.0521	0.0000	OK
600 minute summer	J36	315	184.951	0.076	8.6	0.0858	0.0000	OK
600 minute summer	J37	315	184.579	0.079	10.4	0.0891	0.0000	OK
600 minute summer	J38	315	184.402	0.102	12.1	0.1151	0.0000	OK
600 minute summer	J39	315	184.368	0.094	12.5	0.1059	0.0000	OK
600 minute summer	J40	315	184.342	0.077	12.8	0.0875	0.0000	OK
600 minute summer	J41	330	184.617	0.020	0.5	0.0231	0.0000	OK
600 minute summer	J42	330	184.565	0.028	0.9	0.0314	0.0000	OK
600 minute summer	J43	315	184.431	0.050	2.5	0.0571	0.0000	OK
600 minute summer	J44	315	184.418	0.048	2.8	0.0547	0.0000	OK
600 minute summer	J45	315	184.373	0.053	3.1	0.0603	0.0000	OK
600 minute summer	J46	315	184.295	0.073	4.6	0.0825	0.0000	OK
600 minute summer	J47	315	184.289	0.081	4.9	0.0922	0.0000	OK
600 minute summer	J48	315	184.275	0.081	6.4	0.0920	0.0000	OK
600 minute summer	J49	315	184.262	0.093	6.8	0.1053	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J35	32.011	J36	8.2	0.943	0.092	0.0604	
600 minute summer	J36	32.012	S15	8.6	0.918	0.286	0.0223	
600 minute summer	J37	32.014	S16	10.4	1.025	0.188	0.0537	
600 minute summer	J38	32.016	J39	12.1	0.610	0.225	0.2152	
600 minute summer	J39	32.017	J40	12.5	0.758	0.229	0.0605	
600 minute summer	J40	32.018	S10	12.8	0.938	0.129	0.1308	
600 minute summer	J41	48.002	J42	0.5	0.375	0.092	0.0091	
600 minute summer	J42	48.003	S21	0.9	0.542	0.159	0.0142	
600 minute summer	J43	48.005	J44	2.5	0.494	0.179	0.0081	
600 minute summer	J44	48.006	J45	2.8	0.531	0.209	0.0461	
600 minute summer	J45	48.007	S22	3.1	0.586	0.227	0.0125	
600 minute summer	J46	48.009	J47	4.6	0.379	0.148	0.0508	
600 minute summer	J47	48.010	S23	4.9	0.364	0.161	0.0353	
600 minute summer	J48	48.012	J49	6.4	0.453	0.215	0.1058	
600 minute summer	J49	48.013	J50	6.8	0.452	0.222	0.0171	

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J50	315	184.254	0.089	7.2	0.1010	0.0000	OK
600 minute summer	J51	315	184.242	0.094	7.5	0.1062	0.0000	OK
600 minute summer	J52	315	184.232	0.088	8.0	0.0995	0.0000	OK
600 minute summer	J53	315	184.211	0.084	8.3	0.0951	0.0000	OK
600 minute summer	J54	315	185.167	0.038	1.6	0.0429	0.0000	OK
600 minute summer	J55	315	185.130	0.036	2.0	0.0410	0.0000	OK
600 minute summer	J56	315	184.113	0.106	11.9	0.1194	0.0000	OK
600 minute summer	J57	315	184.092	0.107	12.2	0.1206	0.0000	OK
600 minute summer	BASIN 1	465	185.998	1.073	20.4	132.6618	0.0000	SURCHARGED
600 minute summer	BASIN 2	525	184.849	0.549	3.7	55.5146	0.0000	OK
600 minute summer	BASIN 3	840	183.207	0.107	16.5	231.5720	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J50	48.014	J51	7.2	0.475	0.241	0.0769	
600 minute summer	J51	48.015	J52	7.5	0.499	0.245	0.0171	
600 minute summer	J52	48.016	J53	8.0	0.576	0.263	0.0680	
600 minute summer	J53	48.017	S24	8.3	0.668	0.276	0.1278	
600 minute summer	J54	65.002	J55	1.6	0.603	0.269	0.0096	
600 minute summer	J55	65.003	S24	2.0	0.795	0.260	0.0196	
600 minute summer	J56	48.019	J57	11.9	0.534	0.219	0.2024	
600 minute summer	J57	48.020	S25	12.2	0.559	0.223	0.1332	
600 minute summer	BASIN 1	1.023	S5	3.6	0.114	0.043	0.9418	
600 minute summer	BASIN 1	Infiltration		0.1				4.5
600 minute summer	BASIN 2	1.027	S7	3.5	0.558	0.042	0.1398	
600 minute summer	BASIN 2	71.000	BH1	0.8	0.518	0.141	0.1829	
600 minute summer	BASIN 2	Infiltration		0.0				0.0
600 minute summer	BASIN 3	1.034	BH2	1.2	0.339	0.010	0.3710	
600 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	BASIN 4	630	183.814	0.484	14.8	143.8491	0.0000	SURCHARGED
600 minute summer	SWALE 1	465	184.928	0.054	3.6	0.0767	0.0000	OK
600 minute summer	SWALE 2	525	184.427	0.052	3.5	0.0747	0.0000	OK
600 minute summer	SWALE 3	315	184.082	0.087	14.5	0.1246	0.0000	OK
600 minute summer	BH1	525	184.849	0.772	0.8	3.0394	0.0000	OK
600 minute summer	BH2	840	183.207	0.124	1.2	2.2227	0.0000	OK
600 minute summer	BH3	630	183.814	0.495	0.7	3.9162	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	BASIN 4	48.022	BH3	0.7	0.307	0.012	0.3211	
600 minute summer	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	3.6	0.383	0.043	0.3599	
600 minute summer	SWALE 2	1.029	S8	3.5	0.534	0.042	0.1722	
600 minute summer	SWALE 3	1.033	BASIN 3	14.5	0.762	0.116	0.8222	
600 minute summer	BH1	Infiltration		0.1				4.2
600 minute summer	BH2	Infiltration		0.2				2.1
600 minute summer	BH3	Infiltration		0.2				7.8

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	285	188.388	0.018	0.6	0.0262	0.0000	OK
600 minute winter	S2	315	187.111	0.072	6.0	0.1252	0.0000	OK
600 minute winter	S3	315	186.208	0.071	8.2	0.0947	0.0000	OK
600 minute winter	S4	480	185.993	0.615	14.3	0.7881	0.0000	SURCHARGED
600 minute winter	S5	480	185.993	1.082	3.6	1.5490	0.0000	SURCHARGED
600 minute winter	S6	540	184.862	0.054	3.6	0.0778	0.0000	OK
600 minute winter	S7	555	184.787	0.028	3.6	0.0407	0.0000	OK
600 minute winter	S8	555	184.361	0.030	3.6	0.0436	0.0000	OK
600 minute winter	S9	555	184.174	0.049	3.6	0.0695	0.0000	OK
600 minute winter	S10	315	184.162	0.049	10.4	0.0884	0.0000	OK
600 minute winter	S11	300	186.426	0.026	0.8	0.0404	0.0000	OK
600 minute winter	S12	330	186.221	0.045	2.3	0.0668	0.0000	OK
600 minute winter	S13	330	186.025	0.032	4.0	0.0473	0.0000	OK
600 minute winter	S14	315	185.229	0.054	5.4	0.0854	0.0000	OK
600 minute winter	S15	315	184.911	0.044	7.1	0.0691	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S1	1.000	J1	0.6	0.423	0.069	0.0121	
600 minute winter	S2	1.012	J12	6.0	0.598	0.200	0.0149	
600 minute winter	S3	1.019	J18	8.2	0.879	0.154	0.0486	
600 minute winter	S4	1.022	BASIN 1	14.1	0.909	0.084	1.1778	
600 minute winter	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1942	
600 minute winter	S6	1.026	BASIN 2	3.6	0.459	0.041	0.0547	
600 minute winter	S7	1.028	SWALE 2	3.6	0.557	0.012	0.1100	
600 minute winter	S8	1.030	S9	3.6	0.581	0.014	0.0751	
600 minute winter	S9	1.031	S10	3.6	0.611	0.042	0.0462	
600 minute winter	S10	1.032	SWALE 3	10.4	0.892	0.031	0.0512	
600 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077	
600 minute winter	S12	32.003	J30	2.3	0.496	0.172	0.0236	
600 minute winter	S13	32.007	J33	4.0	1.187	0.041	0.0438	
600 minute winter	S14	32.009	J34	5.4	0.682	0.106	0.0414	
600 minute winter	S15	32.013	J37	7.1	1.339	0.077	0.0492	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.521	0.034	8.4	0.0518	0.0000	OK
600 minute winter	S17	315	186.180	0.030	1.1	0.0476	0.0000	OK
600 minute winter	S18	480	185.993	0.169	3.0	0.2497	0.0000	OK
600 minute winter	S19	480	185.993	0.227	4.7	0.3269	0.0000	SURCHARGED
600 minute winter	S20	345	184.660	0.018	0.4	0.0204	0.0000	OK
600 minute winter	S21	315	184.446	0.037	1.6	0.0487	0.0000	OK
600 minute winter	S22	315	184.289	0.058	3.2	0.0751	0.0000	OK
600 minute winter	S23	315	184.269	0.071	4.5	0.0916	0.0000	OK
600 minute winter	S24	315	184.109	0.092	8.6	0.1205	0.0000	OK
600 minute winter	S25	315	184.057	0.087	9.6	0.1202	0.0000	OK
600 minute winter	S26	330	185.397	0.020	0.9	0.0295	0.0000	OK
600 minute winter	FC1	345	188.353	0.103	0.3	0.1330	0.0000	SURCHARGED
600 minute winter	FC2	345	188.254	0.104	0.3	0.1339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S16	32.015	J38	8.4	0.846	0.026	0.0240	
600 minute winter	S17	23.001	J20	1.1	0.564	0.183	0.0137	
600 minute winter	S18	23.006	J24	3.0	0.409	0.093	0.0598	
600 minute winter	S19	23.010	J27	4.7	0.498	0.155	0.3540	
600 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044	
600 minute winter	S21	48.004	J43	1.6	0.425	0.119	0.0191	
600 minute winter	S22	48.008	J46	3.2	0.388	0.101	0.0200	
600 minute winter	S23	48.011	J48	4.5	0.434	0.145	0.0116	
600 minute winter	S24	48.018	J56	8.6	0.482	0.160	0.0755	
600 minute winter	S25	48.021	BASIN 4	9.6	0.638	0.181	0.0583	
600 minute winter	S26	65.001	J54	0.9	0.575	0.087	0.0135	
600 minute winter	FC1	2.000	J1	0.3	0.226	0.048	0.0065	
600 minute winter	FC1	Infiltration		0.0				0.0
600 minute winter	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
600 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC3	345	188.373	0.173	0.4	0.2342	0.0000	SURCHARGED
600 minute winter	FC4	375	188.251	0.051	0.2	0.0633	0.0000	OK
600 minute winter	FC5	345	188.104	0.104	0.3	0.1340	0.0000	SURCHARGED
600 minute winter	FC6	375	187.900	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC7	375	187.801	0.051	0.2	0.0637	0.0000	OK
600 minute winter	FC8	345	187.851	0.101	0.3	0.1298	0.0000	SURCHARGED
600 minute winter	FC9	375	187.522	0.052	0.2	0.0650	0.0000	OK
600 minute winter	FC10	345	187.643	0.173	0.4	0.2337	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC3	4.000	J3	0.4	0.443	0.064	0.0084	
600 minute winter	FC3	Infiltration		0.0				0.0
600 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
600 minute winter	FC4	Infiltration		0.0				0.0
600 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
600 minute winter	FC5	Infiltration		0.0				0.0
600 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
600 minute winter	FC6	Infiltration		0.0				0.0
600 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
600 minute winter	FC7	Infiltration		0.0				0.0
600 minute winter	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
600 minute winter	FC8	Infiltration		0.0				0.0
600 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
600 minute winter	FC9	Infiltration		0.0				0.0
600 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC11	345	187.424	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC12	345	187.334	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC13	345	187.104	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC14	360	186.972	0.072	0.3	0.9121	0.0000	OK
600 minute winter	FC15	375	187.250	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC16	375	186.952	0.052	0.2	0.0645	0.0000	OK
600 minute winter	FC17	375	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC10	Infiltration		0.0				0.0
600 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
600 minute winter	FC11	Infiltration		0.0				0.0
600 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
600 minute winter	FC12	Infiltration		0.0				0.0
600 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
600 minute winter	FC13	Infiltration		0.0				0.0
600 minute winter	FC14	15.000	J13	0.2	0.369	0.041	0.0050	
600 minute winter	FC14	Infiltration		0.0				0.0
600 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
600 minute winter	FC15	Infiltration		0.0				0.0
600 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
600 minute winter	FC16	Infiltration		0.0				0.0
600 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
600 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC18	375	186.602	0.052	0.2	0.0650	0.0000	OK
600 minute winter	FC19	345	186.504	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC20	345	187.049	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC21	345	186.404	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC22	375	186.498	0.048	0.2	0.4614	0.0000	OK
600 minute winter	FC23	375	186.350	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC24	345	186.399	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC25	345	186.649	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
600 minute winter	FC18	Infiltration		0.0				0.0
600 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
600 minute winter	FC19	Infiltration		0.0				0.0
600 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
600 minute winter	FC20	Infiltration		0.0				0.0
600 minute winter	FC21	22.000	J19	0.3	0.391	0.051	0.0059	
600 minute winter	FC21	Infiltration		0.0				0.0
600 minute winter	FC22	23.000	S17	0.2	0.251	0.013	0.0053	
600 minute winter	FC22	Infiltration		0.0				0.0
600 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
600 minute winter	FC23	Infiltration		0.0				0.0
600 minute winter	FC24	25.000	J21	0.3	0.706	0.022	0.0020	
600 minute winter	FC24	Infiltration		0.0				0.0
600 minute winter	FC25	26.000	J22	0.3	0.775	0.019	0.0018	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC26	375	186.497	0.047	0.2	0.4776	0.0000	OK
600 minute winter	FC27	375	186.550	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC28	345	186.599	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC29	345	186.599	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC30	345	186.849	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC31	375	186.500	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC32	375	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC25	Infiltration		0.0				0.0
600 minute winter	FC26	27.000	J23	0.2	0.602	0.015	0.0015	
600 minute winter	FC26	Infiltration		0.0				0.0
600 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0092	
600 minute winter	FC27	Infiltration		0.0				0.0
600 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0017	
600 minute winter	FC28	Infiltration		0.0				0.0
600 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0019	
600 minute winter	FC29	Infiltration		0.0				0.0
600 minute winter	FC30	31.000	J27	0.3	0.728	0.021	0.0018	
600 minute winter	FC30	Infiltration		0.0				0.0
600 minute winter	FC31	33.000	J28	0.2	0.215	0.022	0.0047	
600 minute winter	FC31	Infiltration		0.0				0.0
600 minute winter	FC32	34.000	J29	0.2	0.193	0.016	0.0052	
600 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC33	345	186.549	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC34	345	186.553	0.103	0.3	0.1335	0.0000	SURCHARGED
600 minute winter	FC35	345	186.549	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC36	345	186.549	0.099	0.3	0.1279	0.0000	OK
600 minute winter	FC37	345	185.971	0.171	0.4	0.2307	0.0000	SURCHARGED
600 minute winter	FC38	375	185.496	0.046	0.2	0.5541	0.0000	OK
600 minute winter	FC39	375	185.500	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC40	345	185.599	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
600 minute winter	FC33	Infiltration		0.0				0.0
600 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
600 minute winter	FC34	Infiltration		0.0				0.0
600 minute winter	FC35	37.000	J31	0.3	0.720	0.021	0.0021	
600 minute winter	FC35	Infiltration		0.0				0.0
600 minute winter	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
600 minute winter	FC36	Infiltration		0.0				0.0
600 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0046	
600 minute winter	FC37	Infiltration		0.0				0.0
600 minute winter	FC38	40.000	J34	0.2	0.576	0.015	0.0016	
600 minute winter	FC38	Infiltration		0.0				0.0
600 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
600 minute winter	FC39	Infiltration		0.0				0.0
600 minute winter	FC40	42.000	J36	0.3	0.888	0.016	0.0017	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC41	345	184.950	0.100	0.3	0.1290	0.0000	OK
600 minute winter	FC42	345	184.701	0.101	0.3	0.1305	0.0000	SURCHARGED
600 minute winter	FC43	345	184.700	0.100	0.3	0.1292	0.0000	SURCHARGED
600 minute winter	FC44	255	184.610	0.010	0.2	0.0122	0.0000	OK
600 minute winter	FC45	375	184.650	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC46	345	184.874	0.174	0.4	0.2349	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	345	184.899	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC40	Infiltration		0.0				0.0
600 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
600 minute winter	FC41	Infiltration		0.0				0.0
600 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
600 minute winter	FC42	Infiltration		0.0				0.0
600 minute winter	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
600 minute winter	FC43	Infiltration		0.0				0.0
600 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
600 minute winter	FC44	Infiltration		0.0				0.0
600 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
600 minute winter	FC45	Infiltration		0.0				0.0
600 minute winter	FC46	48.000	S20	0.4	0.418	0.067	0.0057	
600 minute winter	FC46	Infiltration		0.0				0.0
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024	
600 minute winter	FC48	50.000	J42	0.3	0.341	0.021	0.0046	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC49	345	184.904	0.104	0.3	0.1339	0.0000	SURCHARGED
600 minute winter	FC50	345	184.904	0.104	0.3	0.1339	0.0000	SURCHARGED
600 minute winter	FC51	345	184.954	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC52	345	185.350	0.100	0.3	0.1293	0.0000	SURCHARGED
600 minute winter	FC53	345	185.351	0.101	0.3	0.1300	0.0000	SURCHARGED
600 minute winter	FC54	375	185.300	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC55	375	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC48	Infiltration		0.0				0.0
600 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
600 minute winter	FC49	Infiltration		0.0				0.0
600 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
600 minute winter	FC50	Infiltration		0.0				0.0
600 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
600 minute winter	FC51	Infiltration		0.0				0.0
600 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
600 minute winter	FC52	Infiltration		0.0				0.0
600 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
600 minute winter	FC53	Infiltration		0.0				0.0
600 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
600 minute winter	FC54	Infiltration		0.0				0.0
600 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
600 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC56	375	185.400	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC57	375	185.400	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC58	375	185.400	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC59	375	185.400	0.050	0.2	0.0628	0.0000	OK
600 minute winter	FC60	345	185.449	0.099	0.3	0.1281	0.0000	OK
600 minute winter	FC61	345	185.401	0.101	0.3	0.1304	0.0000	SURCHARGED
600 minute winter	FC62	345	185.422	0.172	0.4	0.2320	0.0000	SURCHARGED
600 minute winter	FC63	375	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
600 minute winter	FC56	Infiltration		0.0				0.0
600 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
600 minute winter	FC57	Infiltration		0.0				0.0
600 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
600 minute winter	FC58	Infiltration		0.0				0.0
600 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
600 minute winter	FC59	Infiltration		0.0				0.0
600 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
600 minute winter	FC60	Infiltration		0.0				0.0
600 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
600 minute winter	FC61	Infiltration		0.0				0.0
600 minute winter	FC62	63.000	J52	0.4	0.511	0.052	0.0073	
600 minute winter	FC62	Infiltration		0.0				0.0
600 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0020	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC64	375	185.202	0.052	0.2	0.0648	0.0000	OK
600 minute winter	FC65	345	185.250	0.100	0.3	0.1293	0.0000	SURCHARGED
600 minute winter	FC66	345	185.103	0.103	0.3	0.1325	0.0000	SURCHARGED
600 minute winter	FC67	375	184.849	0.049	0.2	0.4998	0.0000	OK
600 minute winter	FC68	375	184.600	0.050	0.2	0.0628	0.0000	OK
600 minute winter	J1	345	188.230	0.030	1.5	0.0445	0.0000	OK
600 minute winter	J2	345	188.100	0.044	1.8	0.0499	0.0000	OK
600 minute winter	J3	345	188.092	0.042	2.2	0.0470	0.0000	OK
600 minute winter	J4	345	188.068	0.029	2.4	0.0326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC63	Infiltration		0.0				0.0
600 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0029	
600 minute winter	FC64	Infiltration		0.0				0.0
600 minute winter	FC65	67.000	J55	0.3	0.276	0.031	0.0028	
600 minute winter	FC65	Infiltration		0.0				0.0
600 minute winter	FC66	68.000	S24	0.3	0.439	0.042	0.0014	
600 minute winter	FC66	Infiltration		0.0				0.0
600 minute winter	FC67	69.000	J56	0.2	0.336	0.032	0.0012	
600 minute winter	FC67	Infiltration		0.0				0.0
600 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
600 minute winter	FC68	Infiltration		0.0				0.0
600 minute winter	J1	1.001	J2	1.5	0.777	0.181	0.0097	
600 minute winter	J2	1.002	J3	1.8	0.434	0.134	0.0043	
600 minute winter	J3	1.003	J4	2.2	0.700	0.166	0.0062	
600 minute winter	J4	1.004	J5	2.4	1.063	0.070	0.0080	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J5	345	187.937	0.027	2.7	0.0306	0.0000	OK
600 minute winter	J6	345	187.687	0.037	2.9	0.0415	0.0000	OK
600 minute winter	J7	345	187.571	0.046	3.1	0.0522	0.0000	OK
600 minute winter	J8	345	187.551	0.030	3.5	0.0339	0.0000	OK
600 minute winter	J9	345	187.325	0.049	3.6	0.0560	0.0000	OK
600 minute winter	J10	345	187.298	0.028	4.0	0.0319	0.0000	OK
600 minute winter	J11	345	187.160	0.039	4.3	0.0445	0.0000	OK
600 minute winter	J12	315	186.859	0.050	6.3	0.0561	0.0000	OK
600 minute winter	J13	315	186.707	0.080	6.5	0.0903	0.0000	OK
600 minute winter	J14	315	186.698	0.076	6.7	0.0855	0.0000	OK
600 minute winter	J15	315	186.685	0.068	6.9	0.0767	0.0000	OK
600 minute winter	J16	315	186.656	0.051	7.1	0.0572	0.0000	OK
600 minute winter	J17	315	186.317	0.034	7.3	0.0381	0.0000	OK
600 minute winter	J18	315	186.168	0.043	8.5	0.0486	0.0000	OK
600 minute winter	J19	315	186.109	0.082	8.8	0.0932	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J5	1.005	J6	2.7	0.990	0.071	0.0156	
600 minute winter	J6	1.006	J7	2.9	0.949	0.102	0.0060	
600 minute winter	J7	1.007	J8	3.2	0.733	0.106	0.0051	
600 minute winter	J8	1.008	J9	3.4	0.723	0.038	0.0405	
600 minute winter	J9	1.009	J10	3.6	0.789	0.108	0.0056	
600 minute winter	J10	1.010	J11	4.0	1.075	0.031	0.0092	
600 minute winter	J11	1.011	S2	4.3	0.569	0.067	0.0419	
600 minute winter	J12	1.013	J13	6.3	1.017	0.094	0.0399	
600 minute winter	J13	1.014	J14	6.5	0.450	0.115	0.0274	
600 minute winter	J14	1.015	J15	6.7	0.519	0.119	0.0247	
600 minute winter	J15	1.016	J16	6.9	0.703	0.129	0.0506	
600 minute winter	J16	1.017	J17	7.1	0.981	0.050	0.0243	
600 minute winter	J17	1.018	S3	7.3	0.886	0.023	0.0161	
600 minute winter	J18	1.020	J19	8.5	0.797	0.030	0.0163	
600 minute winter	J19	1.021	S4	8.8	0.624	0.159	0.0620	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	315	186.064	0.033	1.3	0.0377	0.0000	OK
600 minute winter	J21	315	186.044	0.035	1.6	0.0400	0.0000	OK
600 minute winter	J22	315	186.004	0.041	1.9	0.0464	0.0000	OK
600 minute winter	J23	480	185.993	0.051	2.1	0.0578	0.0000	OK
600 minute winter	J24	480	185.993	0.176	3.2	0.1990	0.0000	OK
600 minute winter	J25	480	185.993	0.197	3.5	0.2227	0.0000	OK
600 minute winter	J26	480	185.993	0.214	3.8	0.2419	0.0000	OK
600 minute winter	J27	480	185.993	0.257	5.0	0.2905	0.0000	SURCHARGED
600 minute winter	J28	330	186.384	0.028	1.0	0.0318	0.0000	OK
600 minute winter	J29	330	186.303	0.032	1.2	0.0362	0.0000	OK
600 minute winter	J30	330	186.195	0.048	2.6	0.0540	0.0000	OK
600 minute winter	J31	330	186.093	0.049	2.9	0.0553	0.0000	OK
600 minute winter	J32	330	186.059	0.048	3.2	0.0547	0.0000	OK
600 minute winter	J33	330	185.567	0.031	4.4	0.0356	0.0000	OK
600 minute winter	J34	315	185.185	0.060	5.6	0.0677	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	1.3	0.422	0.095	0.0115	
600 minute winter	J21	23.003	J22	1.6	0.448	0.118	0.0283	
600 minute winter	J22	23.004	J23	1.9	0.480	0.139	0.0141	
600 minute winter	J23	23.005	S18	2.1	0.538	0.154	0.0634	
600 minute winter	J24	23.007	J25	3.2	0.422	0.105	0.2169	
600 minute winter	J25	23.008	J26	3.5	0.417	0.114	0.1884	
600 minute winter	J26	23.009	S19	3.8	0.421	0.123	0.1460	
600 minute winter	J27	23.011	S4	5.0	0.570	0.166	0.0951	
600 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175	
600 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097	
600 minute winter	J30	32.004	J31	2.6	0.564	0.196	0.0230	
600 minute winter	J31	32.005	J32	2.9	0.461	0.096	0.0613	
600 minute winter	J32	32.006	S13	3.2	0.674	0.106	0.0255	
600 minute winter	J33	32.008	S14	4.4	0.844	0.042	0.0486	
600 minute winter	J34	32.010	J35	5.6	0.867	0.144	0.0586	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J35	315	185.114	0.039	5.8	0.0438	0.0000	OK
600 minute winter	J36	315	184.939	0.064	6.1	0.0721	0.0000	OK
600 minute winter	J37	315	184.567	0.067	7.4	0.0758	0.0000	OK
600 minute winter	J38	315	184.385	0.085	8.7	0.0962	0.0000	OK
600 minute winter	J39	315	184.353	0.079	9.0	0.0890	0.0000	OK
600 minute winter	J40	315	184.330	0.065	9.2	0.0732	0.0000	OK
600 minute winter	J41	345	184.615	0.018	0.4	0.0199	0.0000	OK
600 minute winter	J42	345	184.561	0.024	0.7	0.0269	0.0000	OK
600 minute winter	J43	315	184.423	0.043	1.9	0.0486	0.0000	OK
600 minute winter	J44	315	184.411	0.041	2.1	0.0467	0.0000	OK
600 minute winter	J45	315	184.365	0.045	2.3	0.0513	0.0000	OK
600 minute winter	J46	315	184.282	0.059	3.4	0.0673	0.0000	OK
600 minute winter	J47	315	184.274	0.067	3.6	0.0759	0.0000	OK
600 minute winter	J48	315	184.261	0.067	4.8	0.0761	0.0000	OK
600 minute winter	J49	315	184.247	0.078	5.1	0.0882	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J35	32.011	J36	5.8	0.850	0.065	0.0473	
600 minute winter	J36	32.012	S15	6.1	0.834	0.202	0.0174	
600 minute winter	J37	32.014	S16	7.4	0.943	0.133	0.0417	
600 minute winter	J38	32.016	J39	8.7	0.557	0.160	0.1682	
600 minute winter	J39	32.017	J40	9.0	0.695	0.164	0.0472	
600 minute winter	J40	32.018	S10	9.2	0.857	0.092	0.1023	
600 minute winter	J41	48.002	J42	0.4	0.342	0.067	0.0073	
600 minute winter	J42	48.003	S21	0.7	0.499	0.119	0.0115	
600 minute winter	J43	48.005	J44	1.9	0.467	0.135	0.0065	
600 minute winter	J44	48.006	J45	2.1	0.496	0.157	0.0370	
600 minute winter	J45	48.007	S22	2.3	0.542	0.169	0.0101	
600 minute winter	J46	48.009	J47	3.4	0.371	0.110	0.0385	
600 minute winter	J47	48.010	S23	3.6	0.348	0.119	0.0272	
600 minute winter	J48	48.012	J49	4.8	0.432	0.160	0.0825	
600 minute winter	J49	48.013	J50	5.1	0.429	0.166	0.0134	

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J50	315	184.240	0.075	5.4	0.0844	0.0000	OK
600 minute winter	J51	315	184.227	0.079	5.6	0.0897	0.0000	OK
600 minute winter	J52	315	184.219	0.074	6.0	0.0842	0.0000	OK
600 minute winter	J53	315	184.199	0.072	6.2	0.0811	0.0000	OK
600 minute winter	J54	330	185.160	0.031	1.1	0.0350	0.0000	OK
600 minute winter	J55	330	185.124	0.030	1.4	0.0340	0.0000	OK
600 minute winter	J56	315	184.096	0.089	8.7	0.1002	0.0000	OK
600 minute winter	J57	315	184.075	0.090	8.9	0.1019	0.0000	OK
600 minute winter	BASIN 1	480	185.993	1.068	14.5	131.8756	0.0000	SURCHARGED
600 minute winter	BASIN 2	555	184.849	0.549	3.7	55.5734	0.0000	OK
600 minute winter	BASIN 3	840	183.224	0.124	11.7	238.4481	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J50	48.014	J51	5.4	0.449	0.180	0.0608	
600 minute winter	J51	48.015	J52	5.6	0.466	0.182	0.0136	
600 minute winter	J52	48.016	J53	6.0	0.535	0.196	0.0544	
600 minute winter	J53	48.017	S24	6.2	0.616	0.205	0.1029	
600 minute winter	J54	65.002	J55	1.1	0.547	0.186	0.0073	
600 minute winter	J55	65.003	S24	1.4	0.725	0.184	0.0152	
600 minute winter	J56	48.019	J57	8.7	0.498	0.161	0.1596	
600 minute winter	J57	48.020	S25	8.9	0.516	0.164	0.1060	
600 minute winter	BASIN 1	1.023	S5	3.6	0.180	0.043	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.7
600 minute winter	BASIN 2	1.027	S7	3.6	0.562	0.043	0.1418	
600 minute winter	BASIN 2	71.000	BH1	1.0	0.529	0.162	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
600 minute winter	BASIN 3	1.034	BH2	1.1	0.355	0.009	0.4484	
600 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	BASIN 4	615	183.822	0.492	10.7	146.4373	0.0000	SURCHARGED
600 minute winter	SWALE 1	465	184.928	0.053	3.6	0.0765	0.0000	OK
600 minute winter	SWALE 2	555	184.428	0.053	3.6	0.0754	0.0000	OK
600 minute winter	SWALE 3	315	184.068	0.073	10.4	0.1050	0.0000	OK
600 minute winter	BH1	555	184.849	0.772	1.0	3.0409	0.0000	OK
600 minute winter	BH2	840	183.224	0.141	1.1	2.3060	0.0000	OK
600 minute winter	BH3	615	183.822	0.503	0.7	3.9544	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	BASIN 4	48.022	BH3	0.7	0.378	0.014	0.3211	
600 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute winter	SWALE 1	1.025	S6	3.6	0.383	0.043	0.3600	
600 minute winter	SWALE 2	1.029	S8	3.6	0.538	0.043	0.1746	
600 minute winter	SWALE 3	1.033	BASIN 3	10.4	0.694	0.083	0.6445	
600 minute winter	BH1	Infiltration		0.1				4.1
600 minute winter	BH2	Infiltration		0.2				2.5
600 minute winter	BH3	Infiltration		0.2				7.9

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.391	0.020	0.8	0.0302	0.0000	OK
720 minute summer	S2	375	187.122	0.083	7.7	0.1434	0.0000	OK
720 minute summer	S3	375	186.218	0.081	10.6	0.1077	0.0000	OK
720 minute summer	S4	525	185.973	0.595	18.3	0.7624	0.0000	SURCHARGED
720 minute summer	S5	525	185.972	1.062	3.5	1.5202	0.0000	SURCHARGED
720 minute summer	S6	570	184.862	0.054	3.5	0.0773	0.0000	OK
720 minute summer	S7	570	184.787	0.028	3.5	0.0402	0.0000	OK
720 minute summer	S8	585	184.360	0.030	3.5	0.0431	0.0000	OK
720 minute summer	S9	570	184.173	0.048	3.5	0.0688	0.0000	OK
720 minute summer	S10	375	184.169	0.056	13.2	0.1016	0.0000	OK
720 minute summer	S11	375	186.431	0.031	1.1	0.0481	0.0000	OK
720 minute summer	S12	375	186.230	0.054	3.1	0.0798	0.0000	OK
720 minute summer	S13	375	186.030	0.037	5.4	0.0547	0.0000	OK
720 minute summer	S14	375	185.238	0.063	7.0	0.0992	0.0000	OK
720 minute summer	S15	375	184.917	0.050	9.1	0.0788	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S1	1.000	J1	0.8	0.455	0.092	0.0148	
720 minute summer	S2	1.012	J12	7.7	0.642	0.259	0.0180	
720 minute summer	S3	1.019	J18	10.6	0.923	0.199	0.0599	
720 minute summer	S4	1.022	BASIN 1	18.0	0.901	0.107	1.1778	
720 minute summer	S5	1.024	SWALE 1	3.5	0.376	0.042	0.1929	
720 minute summer	S6	1.026	BASIN 2	3.5	0.457	0.041	0.0541	
720 minute summer	S7	1.028	SWALE 2	3.5	0.553	0.011	0.1082	
720 minute summer	S8	1.030	S9	3.5	0.578	0.013	0.0740	
720 minute summer	S9	1.031	S10	3.5	0.598	0.041	0.0580	
720 minute summer	S10	1.032	SWALE 3	13.2	0.943	0.040	0.0615	
720 minute summer	S11	32.000	J28	1.1	0.514	0.185	0.0098	
720 minute summer	S12	32.003	J30	3.1	0.536	0.235	0.0298	
720 minute summer	S13	32.007	J33	5.4	1.295	0.055	0.0539	
720 minute summer	S14	32.009	J34	7.0	0.732	0.139	0.0504	
720 minute summer	S15	32.013	J37	9.1	1.435	0.098	0.0591	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.527	0.040	10.7	0.0603	0.0000	OK
720 minute summer	S17	375	186.183	0.033	1.3	0.0526	0.0000	OK
720 minute summer	S18	525	185.973	0.149	3.6	0.2200	0.0000	OK
720 minute summer	S19	525	185.973	0.207	5.8	0.2980	0.0000	OK
720 minute summer	S20	390	184.662	0.020	0.5	0.0226	0.0000	OK
720 minute summer	S21	375	184.450	0.041	1.9	0.0541	0.0000	OK
720 minute summer	S22	375	184.298	0.067	3.9	0.0865	0.0000	OK
720 minute summer	S23	375	184.279	0.081	5.6	0.1046	0.0000	OK
720 minute summer	S24	375	184.122	0.105	10.8	0.1375	0.0000	OK
720 minute summer	S25	375	184.068	0.098	12.2	0.1356	0.0000	OK
720 minute summer	S26	375	185.400	0.023	1.2	0.0338	0.0000	OK
720 minute summer	FC1	375	188.404	0.154	0.4	0.1992	0.0000	SURCHARGED
720 minute summer	FC2	375	188.305	0.155	0.4	0.2002	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S16	32.015	J38	10.7	0.888	0.034	0.0289	
720 minute summer	S17	23.001	J20	1.3	0.594	0.220	0.0158	
720 minute summer	S18	23.006	J24	3.6	0.423	0.114	0.0524	
720 minute summer	S19	23.010	J27	5.8	0.525	0.192	0.3472	
720 minute summer	S20	48.001	J41	0.5	0.450	0.082	0.0050	
720 minute summer	S21	48.004	J43	1.9	0.441	0.144	0.0223	
720 minute summer	S22	48.008	J46	3.9	0.392	0.125	0.0245	
720 minute summer	S23	48.011	J48	5.6	0.447	0.181	0.0140	
720 minute summer	S24	48.018	J56	10.8	0.507	0.202	0.0905	
720 minute summer	S25	48.021	BASIN 4	12.2	0.680	0.229	0.0690	
720 minute summer	S26	65.001	J54	1.2	0.614	0.114	0.0167	
720 minute summer	FC1	2.000	J1	0.4	0.237	0.060	0.0079	
720 minute summer	FC1	Infiltration		0.0				0.0
720 minute summer	FC2	3.000	J2	0.4	0.416	0.063	0.0041	
720 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC3	390	188.454	0.254	0.5	0.3426	0.0000	SURCHARGED
720 minute summer	FC4	375	188.294	0.094	0.3	0.1171	0.0000	OK
720 minute summer	FC5	375	188.155	0.155	0.4	0.2002	0.0000	SURCHARGED
720 minute summer	FC6	375	187.943	0.093	0.3	0.1160	0.0000	OK
720 minute summer	FC7	375	187.844	0.094	0.3	0.1175	0.0000	OK
720 minute summer	FC8	375	187.902	0.152	0.4	0.1958	0.0000	SURCHARGED
720 minute summer	FC9	375	187.565	0.095	0.3	0.1190	0.0000	OK
720 minute summer	FC10	390	187.723	0.253	0.5	0.3420	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC3	4.000	J3	0.5	0.470	0.078	0.0098	
720 minute summer	FC3	Infiltration		0.0				0.0
720 minute summer	FC4	5.000	J4	0.3	0.453	0.038	0.0046	
720 minute summer	FC4	Infiltration		0.0				0.0
720 minute summer	FC5	6.000	J5	0.4	0.415	0.063	0.0037	
720 minute summer	FC5	Infiltration		0.0				0.0
720 minute summer	FC6	7.000	J6	0.3	0.504	0.033	0.0042	
720 minute summer	FC6	Infiltration		0.0				0.0
720 minute summer	FC7	8.000	J7	0.3	0.438	0.040	0.0047	
720 minute summer	FC7	Infiltration		0.0				0.0
720 minute summer	FC8	9.000	J8	0.4	0.581	0.039	0.0027	
720 minute summer	FC8	Infiltration		0.0				0.0
720 minute summer	FC9	10.000	J9	0.3	0.388	0.048	0.0053	
720 minute summer	FC9	Infiltration		0.0				0.0
720 minute summer	FC10	11.000	J10	0.5	0.488	0.074	0.0063	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC11	375	187.475	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC12	375	187.385	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC13	375	187.155	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC14	405	186.980	0.080	0.4	1.0140	0.0000	OK
720 minute summer	FC15	375	187.292	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC16	375	186.995	0.095	0.3	0.1184	0.0000	OK
720 minute summer	FC17	375	187.092	0.092	0.3	0.1147	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC10	Infiltration		0.0				0.0
720 minute summer	FC11	12.000	J11	0.4	0.417	0.063	0.0069	
720 minute summer	FC11	Infiltration		0.0				0.0
720 minute summer	FC12	13.000	S2	0.4	0.417	0.063	0.0062	
720 minute summer	FC12	Infiltration		0.0				0.0
720 minute summer	FC13	14.000	J12	0.4	0.418	0.063	0.0061	
720 minute summer	FC13	Infiltration		0.0				0.0
720 minute summer	FC14	15.000	J13	0.3	0.376	0.043	0.0052	
720 minute summer	FC14	Infiltration		0.0				0.0
720 minute summer	FC15	16.000	J14	0.3	0.816	0.017	0.0016	
720 minute summer	FC15	Infiltration		0.0				0.0
720 minute summer	FC16	17.000	J15	0.3	0.404	0.045	0.0054	
720 minute summer	FC16	Infiltration		0.0				0.0
720 minute summer	FC17	18.000	J16	0.3	0.639	0.023	0.0022	
720 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC18	375	186.645	0.095	0.3	0.1190	0.0000	OK
720 minute summer	FC19	375	186.555	0.155	0.4	0.2001	0.0000	SURCHARGED
720 minute summer	FC20	375	187.100	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC21	375	186.455	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC22	390	186.507	0.056	0.3	0.5469	0.0000	OK
720 minute summer	FC23	375	186.392	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC24	375	186.450	0.150	0.4	0.1934	0.0000	SURCHARGED
720 minute summer	FC25	375	186.700	0.150	0.4	0.1930	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC18	19.000	J17	0.3	0.386	0.048	0.0052	
720 minute summer	FC18	Infiltration		0.0				0.0
720 minute summer	FC19	20.000	S3	0.4	0.416	0.063	0.0059	
720 minute summer	FC19	Infiltration		0.0				0.0
720 minute summer	FC20	21.000	J18	0.4	0.835	0.023	0.0019	
720 minute summer	FC20	Infiltration		0.0				0.0
720 minute summer	FC21	22.000	J19	0.4	0.417	0.063	0.0069	
720 minute summer	FC21	Infiltration		0.0				0.0
720 minute summer	FC22	23.000	S17	0.2	0.258	0.014	0.0061	
720 minute summer	FC22	Infiltration		0.0				0.0
720 minute summer	FC23	24.000	J20	0.3	0.676	0.022	0.0019	
720 minute summer	FC23	Infiltration		0.0				0.0
720 minute summer	FC24	25.000	J21	0.4	0.754	0.027	0.0023	
720 minute summer	FC24	Infiltration		0.0				0.0
720 minute summer	FC25	26.000	J22	0.4	0.829	0.024	0.0021	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC26	390	186.506	0.056	0.3	0.5616	0.0000	OK
720 minute summer	FC27	375	186.592	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC28	375	186.650	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC29	375	186.650	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC30	375	186.900	0.150	0.4	0.1932	0.0000	SURCHARGED
720 minute summer	FC31	375	186.542	0.092	0.3	0.1157	0.0000	OK
720 minute summer	FC32	375	186.542	0.092	0.3	0.1147	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC25	Infiltration		0.0				0.0
720 minute summer	FC26	27.000	J23	0.2	0.621	0.016	0.0016	
720 minute summer	FC26	Infiltration		0.0				0.0
720 minute summer	FC27	28.000	J24	0.3	0.947	0.013	0.0047	
720 minute summer	FC27	Infiltration		0.0				0.0
720 minute summer	FC28	29.000	J25	0.4	0.834	0.023	0.0020	
720 minute summer	FC28	Infiltration		0.0				0.0
720 minute summer	FC29	30.000	J26	0.4	0.811	0.024	0.0022	
720 minute summer	FC29	Infiltration		0.0				0.0
720 minute summer	FC30	31.000	J27	0.4	0.778	0.026	0.0021	
720 minute summer	FC30	Infiltration		0.0				0.0
720 minute summer	FC31	33.000	J28	0.3	0.215	0.032	0.0060	
720 minute summer	FC31	Infiltration		0.0				0.0
720 minute summer	FC32	34.000	J29	0.3	0.193	0.023	0.0067	
720 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC33	375	186.600	0.150	0.4	0.1933	0.0000	SURCHARGED
720 minute summer	FC34	375	186.605	0.155	0.4	0.1997	0.0000	SURCHARGED
720 minute summer	FC35	375	186.600	0.150	0.4	0.1932	0.0000	SURCHARGED
720 minute summer	FC36	375	186.600	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC37	390	186.051	0.251	0.5	0.3387	0.0000	SURCHARGED
720 minute summer	FC38	390	185.502	0.052	0.3	0.6288	0.0000	OK
720 minute summer	FC39	375	185.542	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC40	375	185.650	0.150	0.4	0.1930	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC33	35.000	S12	0.4	0.765	0.026	0.0020	
720 minute summer	FC33	Infiltration		0.0				0.0
720 minute summer	FC34	36.000	J30	0.4	0.428	0.061	0.0042	
720 minute summer	FC34	Infiltration		0.0				0.0
720 minute summer	FC35	37.000	J31	0.4	0.770	0.026	0.0025	
720 minute summer	FC35	Infiltration		0.0				0.0
720 minute summer	FC36	38.000	J32	0.4	0.808	0.025	0.0023	
720 minute summer	FC36	Infiltration		0.0				0.0
720 minute summer	FC37	39.000	J33	0.5	0.598	0.055	0.0054	
720 minute summer	FC37	Infiltration		0.0				0.0
720 minute summer	FC38	40.000	J34	0.2	0.590	0.016	0.0016	
720 minute summer	FC38	Infiltration		0.0				0.0
720 minute summer	FC39	41.000	J35	0.3	0.717	0.020	0.0018	
720 minute summer	FC39	Infiltration		0.0				0.0
720 minute summer	FC40	42.000	J36	0.4	0.948	0.020	0.0020	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC41	375	185.001	0.151	0.4	0.1950	0.0000	SURCHARGED
720 minute summer	FC42	375	184.752	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute summer	FC43	375	184.751	0.151	0.4	0.1952	0.0000	SURCHARGED
720 minute summer	FC44	375	184.612	0.012	0.3	0.0148	0.0000	OK
720 minute summer	FC45	375	184.692	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC46	390	184.954	0.254	0.5	0.3433	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	184.950	0.150	0.4	0.1932	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC40	Infiltration		0.0				0.0
720 minute summer	FC41	43.000	J37	0.4	0.622	0.036	0.0030	
720 minute summer	FC41	Infiltration		0.0				0.0
720 minute summer	FC42	44.000	J38	0.4	0.542	0.043	0.0034	
720 minute summer	FC42	Infiltration		0.0				0.0
720 minute summer	FC43	45.000	J39	0.4	0.615	0.036	0.0026	
720 minute summer	FC43	Infiltration		0.0				0.0
720 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
720 minute summer	FC44	Infiltration		0.0				0.0
720 minute summer	FC45	47.000	S10	0.3	0.668	0.022	0.0020	
720 minute summer	FC45	Infiltration		0.0				0.0
720 minute summer	FC46	48.000	S20	0.5	0.443	0.082	0.0066	
720 minute summer	FC46	Infiltration		0.0				0.0
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
720 minute summer	FC48	50.000	J42	0.4	0.368	0.027	0.0053	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC49	375	184.955	0.155	0.4	0.2002	0.0000	SURCHARGED
720 minute summer	FC50	375	184.955	0.155	0.4	0.2002	0.0000	SURCHARGED
720 minute summer	FC51	375	185.005	0.155	0.4	0.2001	0.0000	SURCHARGED
720 minute summer	FC52	375	185.401	0.151	0.4	0.1953	0.0000	SURCHARGED
720 minute summer	FC53	375	185.402	0.152	0.4	0.1960	0.0000	SURCHARGED
720 minute summer	FC54	375	185.342	0.092	0.3	0.1150	0.0000	OK
720 minute summer	FC55	375	185.342	0.092	0.3	0.1147	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC48	Infiltration		0.0				0.0
720 minute summer	FC49	51.000	S21	0.4	0.415	0.063	0.0039	
720 minute summer	FC49	Infiltration		0.0				0.0
720 minute summer	FC50	52.000	J43	0.4	0.415	0.063	0.0042	
720 minute summer	FC50	Infiltration		0.0				0.0
720 minute summer	FC51	55.000	S22	0.4	0.417	0.063	0.0055	
720 minute summer	FC51	Infiltration		0.0				0.0
720 minute summer	FC52	58.000	S23	0.4	0.605	0.037	0.0034	
720 minute summer	FC52	Infiltration		0.0				0.0
720 minute summer	FC53	61.000	J50	0.4	0.569	0.040	0.0028	
720 minute summer	FC53	Infiltration		0.0				0.0
720 minute summer	FC54	62.000	J51	0.3	0.582	0.027	0.0020	
720 minute summer	FC54	Infiltration		0.0				0.0
720 minute summer	FC55	64.000	J53	0.3	0.733	0.019	0.0016	
720 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC56	375	185.442	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC57	375	185.442	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC58	375	185.442	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC59	375	185.442	0.092	0.3	0.1147	0.0000	OK
720 minute summer	FC60	375	185.500	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute summer	FC61	375	185.452	0.152	0.4	0.1965	0.0000	SURCHARGED
720 minute summer	FC62	390	185.502	0.252	0.5	0.3402	0.0000	SURCHARGED
720 minute summer	FC63	375	185.495	0.095	0.3	0.1188	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC56	53.000	J44	0.3	0.755	0.019	0.0025	
720 minute summer	FC56	Infiltration		0.0				0.0
720 minute summer	FC57	54.000	J45	0.3	0.709	0.020	0.0026	
720 minute summer	FC57	Infiltration		0.0				0.0
720 minute summer	FC58	56.000	J46	0.3	0.682	0.021	0.0026	
720 minute summer	FC58	Infiltration		0.0				0.0
720 minute summer	FC59	57.000	J47	0.3	0.633	0.024	0.0029	
720 minute summer	FC59	Infiltration		0.0				0.0
720 minute summer	FC60	59.000	J48	0.4	0.678	0.032	0.0037	
720 minute summer	FC60	Infiltration		0.0				0.0
720 minute summer	FC61	60.000	J49	0.4	0.545	0.043	0.0051	
720 minute summer	FC61	Infiltration		0.0				0.0
720 minute summer	FC62	63.000	J52	0.5	0.542	0.064	0.0085	
720 minute summer	FC62	Infiltration		0.0				0.0
720 minute summer	FC63	65.000	S26	0.3	0.280	0.048	0.0025	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC64	375	185.245	0.095	0.3	0.1188	0.0000	OK
720 minute summer	FC65	375	185.301	0.151	0.4	0.1954	0.0000	SURCHARGED
720 minute summer	FC66	375	185.154	0.154	0.4	0.1987	0.0000	SURCHARGED
720 minute summer	FC67	390	184.856	0.056	0.3	0.5799	0.0000	OK
720 minute summer	FC68	375	184.643	0.093	0.3	0.1161	0.0000	OK
720 minute summer	J1	375	188.235	0.035	2.0	0.0517	0.0000	OK
720 minute summer	J2	375	188.107	0.051	2.3	0.0575	0.0000	OK
720 minute summer	J3	375	188.097	0.047	2.8	0.0535	0.0000	OK
720 minute summer	J4	375	188.072	0.033	3.1	0.0374	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC63	Infiltration		0.0				0.0
720 minute summer	FC64	66.000	J54	0.3	0.182	0.048	0.0036	
720 minute summer	FC64	Infiltration		0.0				0.0
720 minute summer	FC65	67.000	J55	0.4	0.276	0.039	0.0034	
720 minute summer	FC65	Infiltration		0.0				0.0
720 minute summer	FC66	68.000	S24	0.4	0.468	0.052	0.0017	
720 minute summer	FC66	Infiltration		0.0				0.0
720 minute summer	FC67	69.000	J56	0.2	0.346	0.036	0.0013	
720 minute summer	FC67	Infiltration		0.0				0.0
720 minute summer	FC68	70.000	J57	0.3	0.507	0.032	0.0013	
720 minute summer	FC68	Infiltration		0.0				0.0
720 minute summer	J1	1.001	J2	2.0	0.835	0.238	0.0119	
720 minute summer	J2	1.002	J3	2.3	0.469	0.175	0.0052	
720 minute summer	J3	1.003	J4	2.8	0.746	0.213	0.0074	
720 minute summer	J4	1.004	J5	3.1	1.141	0.091	0.0096	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J5	375	187.941	0.031	3.5	0.0346	0.0000	OK
720 minute summer	J6	375	187.693	0.042	3.8	0.0480	0.0000	OK
720 minute summer	J7	375	187.578	0.053	4.1	0.0602	0.0000	OK
720 minute summer	J8	375	187.555	0.034	4.5	0.0385	0.0000	OK
720 minute summer	J9	375	187.332	0.057	4.7	0.0640	0.0000	OK
720 minute summer	J10	375	187.303	0.032	5.2	0.0368	0.0000	OK
720 minute summer	J11	375	187.166	0.045	5.6	0.0509	0.0000	OK
720 minute summer	J12	375	186.866	0.057	8.1	0.0643	0.0000	OK
720 minute summer	J13	375	186.718	0.091	8.3	0.1031	0.0000	OK
720 minute summer	J14	375	186.708	0.086	8.6	0.0974	0.0000	OK
720 minute summer	J15	375	186.694	0.077	8.9	0.0870	0.0000	OK
720 minute summer	J16	375	186.663	0.058	9.2	0.0657	0.0000	OK
720 minute summer	J17	375	186.323	0.040	9.5	0.0447	0.0000	OK
720 minute summer	J18	375	186.176	0.051	11.0	0.0582	0.0000	OK
720 minute summer	J19	375	186.121	0.094	11.4	0.1065	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J5	1.005	J6	3.5	1.052	0.091	0.0189	
720 minute summer	J6	1.006	J7	3.8	1.012	0.132	0.0073	
720 minute summer	J7	1.007	J8	4.2	0.780	0.135	0.0062	
720 minute summer	J8	1.008	J9	4.4	0.777	0.050	0.0490	
720 minute summer	J9	1.009	J10	4.7	0.848	0.141	0.0068	
720 minute summer	J10	1.010	J11	5.2	1.141	0.040	0.0112	
720 minute summer	J11	1.011	S2	5.6	0.599	0.086	0.0507	
720 minute summer	J12	1.013	J13	8.1	1.088	0.121	0.0482	
720 minute summer	J13	1.014	J14	8.3	0.479	0.147	0.0329	
720 minute summer	J14	1.015	J15	8.6	0.557	0.153	0.0296	
720 minute summer	J15	1.016	J16	8.9	0.752	0.167	0.0610	
720 minute summer	J16	1.017	J17	9.2	1.048	0.064	0.0295	
720 minute summer	J17	1.018	S3	9.5	0.940	0.030	0.0196	
720 minute summer	J18	1.020	J19	11.0	0.835	0.038	0.0200	
720 minute summer	J19	1.021	S4	11.4	0.669	0.206	0.0749	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J20	375	186.069	0.038	1.6	0.0424	0.0000	OK
720 minute summer	J21	375	186.049	0.040	2.0	0.0450	0.0000	OK
720 minute summer	J22	375	186.009	0.046	2.3	0.0524	0.0000	OK
720 minute summer	J23	375	185.988	0.046	2.5	0.0523	0.0000	OK
720 minute summer	J24	525	185.973	0.156	3.9	0.1763	0.0000	OK
720 minute summer	J25	525	185.973	0.177	4.3	0.2000	0.0000	OK
720 minute summer	J26	525	185.973	0.194	4.7	0.2192	0.0000	OK
720 minute summer	J27	525	185.973	0.237	6.1	0.2677	0.0000	SURCHARGED
720 minute summer	J28	375	186.390	0.034	1.4	0.0379	0.0000	OK
720 minute summer	J29	375	186.309	0.038	1.7	0.0435	0.0000	OK
720 minute summer	J30	375	186.203	0.056	3.5	0.0637	0.0000	OK
720 minute summer	J31	375	186.101	0.057	3.9	0.0645	0.0000	OK
720 minute summer	J32	375	186.067	0.055	4.3	0.0628	0.0000	OK
720 minute summer	J33	375	185.571	0.036	5.8	0.0408	0.0000	OK
720 minute summer	J34	375	185.193	0.068	7.2	0.0773	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J20	23.002	J21	1.6	0.444	0.118	0.0135	
720 minute summer	J21	23.003	J22	2.0	0.472	0.147	0.0334	
720 minute summer	J22	23.004	J23	2.3	0.508	0.173	0.0166	
720 minute summer	J23	23.005	S18	2.5	0.570	0.190	0.0423	
720 minute summer	J24	23.007	J25	3.9	0.438	0.130	0.1942	
720 minute summer	J25	23.008	J26	4.3	0.433	0.142	0.1735	
720 minute summer	J26	23.009	S19	4.7	0.441	0.153	0.1382	
720 minute summer	J27	23.011	S4	6.1	0.605	0.205	0.0951	
720 minute summer	J28	32.001	J29	1.4	0.547	0.234	0.0224	
720 minute summer	J29	32.002	S12	1.7	0.627	0.282	0.0124	
720 minute summer	J30	32.004	J31	3.5	0.610	0.265	0.0287	
720 minute summer	J31	32.005	J32	3.9	0.502	0.129	0.0755	
720 minute summer	J32	32.006	S13	4.3	0.732	0.142	0.0312	
720 minute summer	J33	32.008	S14	5.8	0.904	0.056	0.0598	
720 minute summer	J34	32.010	J35	7.2	0.936	0.187	0.0705	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J35	375	185.119	0.044	7.5	0.0498	0.0000	OK
720 minute summer	J36	375	184.948	0.073	7.9	0.0822	0.0000	OK
720 minute summer	J37	375	184.575	0.075	9.5	0.0853	0.0000	OK
720 minute summer	J38	375	184.397	0.097	11.0	0.1094	0.0000	OK
720 minute summer	J39	375	184.363	0.089	11.4	0.1009	0.0000	OK
720 minute summer	J40	375	184.339	0.074	11.7	0.0833	0.0000	OK
720 minute summer	J41	390	184.616	0.019	0.5	0.0219	0.0000	OK
720 minute summer	J42	375	184.563	0.026	0.9	0.0298	0.0000	OK
720 minute summer	J43	375	184.428	0.048	2.3	0.0545	0.0000	OK
720 minute summer	J44	375	184.416	0.046	2.6	0.0524	0.0000	OK
720 minute summer	J45	375	184.371	0.051	2.9	0.0579	0.0000	OK
720 minute summer	J46	375	184.291	0.069	4.2	0.0781	0.0000	OK
720 minute summer	J47	375	184.284	0.077	4.5	0.0875	0.0000	OK
720 minute summer	J48	375	184.271	0.077	5.9	0.0874	0.0000	OK
720 minute summer	J49	375	184.258	0.089	6.3	0.1005	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J35	32.011	J36	7.5	0.922	0.084	0.0568	
720 minute summer	J36	32.012	S15	7.9	0.900	0.263	0.0209	
720 minute summer	J37	32.014	S16	9.5	1.005	0.171	0.0501	
720 minute summer	J38	32.016	J39	11.0	0.594	0.204	0.2009	
720 minute summer	J39	32.017	J40	11.4	0.738	0.208	0.0565	
720 minute summer	J40	32.018	S10	11.7	0.915	0.117	0.1223	
720 minute summer	J41	48.002	J42	0.5	0.365	0.082	0.0084	
720 minute summer	J42	48.003	S21	0.9	0.527	0.144	0.0132	
720 minute summer	J43	48.005	J44	2.3	0.483	0.164	0.0076	
720 minute summer	J44	48.006	J45	2.6	0.520	0.193	0.0435	
720 minute summer	J45	48.007	S22	2.9	0.575	0.211	0.0119	
720 minute summer	J46	48.009	J47	4.2	0.377	0.137	0.0471	
720 minute summer	J47	48.010	S23	4.5	0.361	0.149	0.0329	
720 minute summer	J48	48.012	J49	5.9	0.447	0.199	0.0991	
720 minute summer	J49	48.013	J50	6.3	0.445	0.206	0.0161	

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J50	375	184.250	0.085	6.7	0.0964	0.0000	OK
720 minute summer	J51	375	184.238	0.090	7.0	0.1017	0.0000	OK
720 minute summer	J52	375	184.228	0.084	7.4	0.0953	0.0000	OK
720 minute summer	J53	375	184.208	0.081	7.7	0.0913	0.0000	OK
720 minute summer	J54	375	185.165	0.036	1.5	0.0410	0.0000	OK
720 minute summer	J55	375	185.129	0.035	1.8	0.0394	0.0000	OK
720 minute summer	J56	375	184.108	0.101	11.0	0.1143	0.0000	OK
720 minute summer	J57	375	184.087	0.102	11.3	0.1156	0.0000	OK
720 minute summer	BASIN 1	525	185.972	1.047	18.5	128.7184	0.0000	SURCHARGED
720 minute summer	BASIN 2	570	184.849	0.549	3.6	55.5081	0.0000	OK
720 minute summer	BASIN 3	960	183.247	0.147	14.9	248.0184	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J50	48.014	J51	6.7	0.468	0.223	0.0724	
720 minute summer	J51	48.015	J52	7.0	0.491	0.227	0.0161	
720 minute summer	J52	48.016	J53	7.4	0.564	0.244	0.0642	
720 minute summer	J53	48.017	S24	7.7	0.654	0.256	0.1210	
720 minute summer	J54	65.002	J55	1.5	0.589	0.248	0.0091	
720 minute summer	J55	65.003	S24	1.8	0.780	0.242	0.0186	
720 minute summer	J56	48.019	J57	11.0	0.524	0.203	0.1908	
720 minute summer	J57	48.020	S25	11.3	0.549	0.207	0.1259	
720 minute summer	BASIN 1	1.023	S5	3.5	0.111	0.042	0.9418	
720 minute summer	BASIN 1	Infiltration		0.1				4.9
720 minute summer	BASIN 2	1.027	S7	3.5	0.557	0.042	0.1396	
720 minute summer	BASIN 2	71.000	BH1	0.8	0.500	0.132	0.1829	
720 minute summer	BASIN 2	Infiltration		0.0				0.0
720 minute summer	BASIN 3	1.034	BH2	1.2	0.350	0.010	0.5605	
720 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	BASIN 4	750	183.816	0.486	13.6	144.3794	0.0000	SURCHARGED
720 minute summer	SWALE 1	525	184.927	0.053	3.5	0.0762	0.0000	OK
720 minute summer	SWALE 2	585	184.427	0.052	3.5	0.0746	0.0000	OK
720 minute summer	SWALE 3	375	184.078	0.083	13.2	0.1185	0.0000	OK
720 minute summer	BH1	570	184.849	0.772	0.8	3.0393	0.0000	OK
720 minute summer	BH2	960	183.247	0.164	1.2	2.4214	0.0000	OK
720 minute summer	BH3	750	183.816	0.497	0.5	3.9240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	BASIN 4	48.022	BH3	0.5	0.293	0.008	0.3211	
720 minute summer	BASIN 4	Infiltration		0.0				0.0
720 minute summer	SWALE 1	1.025	S6	3.5	0.381	0.043	0.3573	
720 minute summer	SWALE 2	1.029	S8	3.5	0.534	0.042	0.1718	
720 minute summer	SWALE 3	1.033	BASIN 3	13.2	0.742	0.105	0.7661	
720 minute summer	BH1	Infiltration		0.1				4.8
720 minute summer	BH2	Infiltration		0.2				3.0
720 minute summer	BH3	Infiltration		0.2				8.8

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	375	188.388	0.018	0.6	0.0262	0.0000	OK
720 minute winter	S2	375	187.110	0.071	5.7	0.1227	0.0000	OK
720 minute winter	S3	375	186.207	0.070	7.8	0.0927	0.0000	OK
720 minute winter	S4	555	185.982	0.604	13.6	0.7737	0.0000	SURCHARGED
720 minute winter	S5	555	185.981	1.071	3.5	1.5329	0.0000	SURCHARGED
720 minute winter	S6	585	184.862	0.054	3.5	0.0776	0.0000	OK
720 minute winter	S7	585	184.787	0.028	3.5	0.0406	0.0000	OK
720 minute winter	S8	585	184.360	0.030	3.5	0.0434	0.0000	OK
720 minute winter	S9	555	184.174	0.049	3.5	0.0698	0.0000	OK
720 minute winter	S10	390	184.159	0.046	9.3	0.0830	0.0000	OK
720 minute winter	S11	345	186.424	0.024	0.7	0.0376	0.0000	OK
720 minute winter	S12	390	186.219	0.043	2.1	0.0635	0.0000	OK
720 minute winter	S13	390	186.023	0.030	3.7	0.0454	0.0000	OK
720 minute winter	S14	390	185.226	0.051	4.9	0.0810	0.0000	OK
720 minute winter	S15	390	184.909	0.042	6.4	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S1	1.000	J1	0.6	0.417	0.069	0.0120	
720 minute winter	S2	1.012	J12	5.7	0.591	0.192	0.0145	
720 minute winter	S3	1.019	J18	7.8	0.871	0.147	0.0470	
720 minute winter	S4	1.022	BASIN 1	13.3	0.901	0.080	1.1778	
720 minute winter	S5	1.024	SWALE 1	3.5	0.376	0.042	0.1923	
720 minute winter	S6	1.026	BASIN 2	3.5	0.457	0.041	0.0545	
720 minute winter	S7	1.028	SWALE 2	3.5	0.556	0.012	0.1095	
720 minute winter	S8	1.030	S9	3.5	0.578	0.013	0.0751	
720 minute winter	S9	1.031	S10	3.5	0.602	0.042	0.0459	
720 minute winter	S10	1.032	SWALE 3	9.3	0.870	0.028	0.0471	
720 minute winter	S11	32.000	J28	0.7	0.452	0.118	0.0070	
720 minute winter	S12	32.003	J30	2.1	0.485	0.157	0.0221	
720 minute winter	S13	32.007	J33	3.7	1.158	0.038	0.0415	
720 minute winter	S14	32.009	J34	4.9	0.665	0.096	0.0386	
720 minute winter	S15	32.013	J37	6.4	1.301	0.069	0.0457	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	390	184.519	0.032	7.5	0.0484	0.0000	OK
720 minute winter	S17	375	186.178	0.028	1.0	0.0452	0.0000	OK
720 minute winter	S18	555	185.982	0.158	2.8	0.2331	0.0000	OK
720 minute winter	S19	555	185.982	0.216	4.3	0.3107	0.0000	OK
720 minute winter	S20	390	184.660	0.018	0.4	0.0203	0.0000	OK
720 minute winter	S21	390	184.444	0.035	1.5	0.0469	0.0000	OK
720 minute winter	S22	390	184.287	0.056	3.0	0.0721	0.0000	OK
720 minute winter	S23	390	184.266	0.068	4.2	0.0880	0.0000	OK
720 minute winter	S24	390	184.106	0.089	8.1	0.1165	0.0000	OK
720 minute winter	S25	390	184.054	0.084	9.1	0.1163	0.0000	OK
720 minute winter	S26	390	185.396	0.019	0.8	0.0278	0.0000	OK
720 minute winter	FC1	390	188.352	0.102	0.3	0.1320	0.0000	SURCHARGED
720 minute winter	FC2	390	188.253	0.103	0.3	0.1328	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S16	32.015	J38	7.5	0.823	0.023	0.0220	
720 minute winter	S17	23.001	J20	1.0	0.550	0.166	0.0128	
720 minute winter	S18	23.006	J24	2.8	0.402	0.086	0.0558	
720 minute winter	S19	23.010	J27	4.3	0.489	0.145	0.3514	
720 minute winter	S20	48.001	J41	0.4	0.423	0.066	0.0043	
720 minute winter	S21	48.004	J43	1.5	0.418	0.112	0.0183	
720 minute winter	S22	48.008	J46	3.0	0.385	0.095	0.0189	
720 minute winter	S23	48.011	J48	4.2	0.427	0.136	0.0110	
720 minute winter	S24	48.018	J56	8.1	0.475	0.151	0.0721	
720 minute winter	S25	48.021	BASIN 4	9.1	0.627	0.170	0.0557	
720 minute winter	S26	65.001	J54	0.8	0.552	0.077	0.0125	
720 minute winter	FC1	2.000	J1	0.3	0.242	0.048	0.0065	
720 minute winter	FC1	Infiltration		0.0				0.0
720 minute winter	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
720 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC3	390	188.370	0.170	0.4	0.2302	0.0000	SURCHARGED
720 minute winter	FC4	435	188.251	0.051	0.2	0.0633	0.0000	OK
720 minute winter	FC5	390	188.103	0.103	0.3	0.1329	0.0000	SURCHARGED
720 minute winter	FC6	435	187.900	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC7	435	187.801	0.051	0.2	0.0637	0.0000	OK
720 minute winter	FC8	390	187.850	0.100	0.3	0.1288	0.0000	OK
720 minute winter	FC9	435	187.522	0.052	0.2	0.0650	0.0000	OK
720 minute winter	FC10	390	187.640	0.170	0.4	0.2297	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC3	4.000	J3	0.4	0.442	0.063	0.0084	
720 minute winter	FC3	Infiltration		0.0				0.0
720 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
720 minute winter	FC4	Infiltration		0.0				0.0
720 minute winter	FC5	6.000	J5	0.3	0.389	0.050	0.0032	
720 minute winter	FC5	Infiltration		0.0				0.0
720 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
720 minute winter	FC6	Infiltration		0.0				0.0
720 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
720 minute winter	FC7	Infiltration		0.0				0.0
720 minute winter	FC8	9.000	J8	0.3	0.543	0.031	0.0023	
720 minute winter	FC8	Infiltration		0.0				0.0
720 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
720 minute winter	FC9	Infiltration		0.0				0.0
720 minute winter	FC10	11.000	J10	0.4	0.459	0.060	0.0054	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC11	390	187.423	0.103	0.3	0.1327	0.0000	SURCHARGED
720 minute winter	FC12	390	187.333	0.103	0.3	0.1327	0.0000	SURCHARGED
720 minute winter	FC13	390	187.103	0.103	0.3	0.1327	0.0000	SURCHARGED
720 minute winter	FC14	405	186.966	0.066	0.3	0.8372	0.0000	OK
720 minute winter	FC15	435	187.250	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC16	435	186.952	0.052	0.2	0.0645	0.0000	OK
720 minute winter	FC17	435	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC10	Infiltration		0.0				0.0
720 minute winter	FC11	12.000	J11	0.3	0.391	0.051	0.0059	
720 minute winter	FC11	Infiltration		0.0				0.0
720 minute winter	FC12	13.000	S2	0.3	0.391	0.051	0.0053	
720 minute winter	FC12	Infiltration		0.0				0.0
720 minute winter	FC13	14.000	J12	0.3	0.392	0.050	0.0052	
720 minute winter	FC13	Infiltration		0.0				0.0
720 minute winter	FC14	15.000	J13	0.2	0.364	0.039	0.0048	
720 minute winter	FC14	Infiltration		0.0				0.0
720 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
720 minute winter	FC15	Infiltration		0.0				0.0
720 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
720 minute winter	FC16	Infiltration		0.0				0.0
720 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
720 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC18	435	186.602	0.052	0.2	0.0650	0.0000	OK
720 minute winter	FC19	390	186.503	0.103	0.3	0.1328	0.0000	SURCHARGED
720 minute winter	FC20	390	187.048	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC21	390	186.403	0.103	0.3	0.1327	0.0000	SURCHARGED
720 minute winter	FC22	435	186.498	0.048	0.2	0.4616	0.0000	OK
720 minute winter	FC23	435	186.350	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC24	390	186.398	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC25	390	186.648	0.098	0.3	0.1271	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
720 minute winter	FC18	Infiltration		0.0				0.0
720 minute winter	FC19	20.000	S3	0.3	0.390	0.051	0.0051	
720 minute winter	FC19	Infiltration		0.0				0.0
720 minute winter	FC20	21.000	J18	0.3	0.781	0.019	0.0017	
720 minute winter	FC20	Infiltration		0.0				0.0
720 minute winter	FC21	22.000	J19	0.3	0.391	0.051	0.0058	
720 minute winter	FC21	Infiltration		0.0				0.0
720 minute winter	FC22	23.000	S17	0.2	0.242	0.013	0.0050	
720 minute winter	FC22	Infiltration		0.0				0.0
720 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
720 minute winter	FC23	Infiltration		0.0				0.0
720 minute winter	FC24	25.000	J21	0.3	0.705	0.022	0.0020	
720 minute winter	FC24	Infiltration		0.0				0.0
720 minute winter	FC25	26.000	J22	0.3	0.775	0.019	0.0018	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC26	435	186.498	0.047	0.2	0.4778	0.0000	OK
720 minute winter	FC27	435	186.550	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC28	390	186.598	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC29	390	186.598	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC30	390	186.848	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC31	435	186.500	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC32	435	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC25	Infiltration		0.0				0.0
720 minute winter	FC26	27.000	J23	0.2	0.602	0.015	0.0015	
720 minute winter	FC26	Infiltration		0.0				0.0
720 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0066	
720 minute winter	FC27	Infiltration		0.0				0.0
720 minute winter	FC28	29.000	J25	0.3	0.779	0.019	0.0017	
720 minute winter	FC28	Infiltration		0.0				0.0
720 minute winter	FC29	30.000	J26	0.3	0.758	0.019	0.0019	
720 minute winter	FC29	Infiltration		0.0				0.0
720 minute winter	FC30	31.000	J27	0.3	0.728	0.021	0.0018	
720 minute winter	FC30	Infiltration		0.0				0.0
720 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0044	
720 minute winter	FC31	Infiltration		0.0				0.0
720 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0049	
720 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC33	390	186.548	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC34	390	186.553	0.103	0.3	0.1324	0.0000	SURCHARGED
720 minute winter	FC35	390	186.548	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC36	390	186.548	0.098	0.3	0.1271	0.0000	OK
720 minute winter	FC37	390	185.968	0.168	0.4	0.2267	0.0000	SURCHARGED
720 minute winter	FC38	435	185.496	0.046	0.2	0.5547	0.0000	OK
720 minute winter	FC39	435	185.500	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC40	390	185.598	0.098	0.3	0.1271	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC33	35.000	S12	0.3	0.715	0.021	0.0017	
720 minute winter	FC33	Infiltration		0.0				0.0
720 minute winter	FC34	36.000	J30	0.3	0.402	0.048	0.0035	
720 minute winter	FC34	Infiltration		0.0				0.0
720 minute winter	FC35	37.000	J31	0.3	0.720	0.021	0.0021	
720 minute winter	FC35	Infiltration		0.0				0.0
720 minute winter	FC36	38.000	J32	0.3	0.754	0.020	0.0020	
720 minute winter	FC36	Infiltration		0.0				0.0
720 minute winter	FC37	39.000	J33	0.4	0.563	0.045	0.0046	
720 minute winter	FC37	Infiltration		0.0				0.0
720 minute winter	FC38	40.000	J34	0.2	0.576	0.015	0.0016	
720 minute winter	FC38	Infiltration		0.0				0.0
720 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
720 minute winter	FC39	Infiltration		0.0				0.0
720 minute winter	FC40	42.000	J36	0.3	0.887	0.016	0.0017	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC41	390	184.949	0.099	0.3	0.1281	0.0000	OK
720 minute winter	FC42	390	184.700	0.100	0.3	0.1295	0.0000	SURCHARGED
720 minute winter	FC43	390	184.699	0.099	0.3	0.1282	0.0000	OK
720 minute winter	FC44	315	184.610	0.010	0.2	0.0122	0.0000	OK
720 minute winter	FC45	435	184.650	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC46	390	184.871	0.171	0.4	0.2309	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	390	184.898	0.098	0.3	0.1271	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC40	Infiltration		0.0				0.0
720 minute winter	FC41	43.000	J37	0.3	0.581	0.028	0.0026	
720 minute winter	FC41	Infiltration		0.0				0.0
720 minute winter	FC42	44.000	J38	0.3	0.507	0.035	0.0029	
720 minute winter	FC42	Infiltration		0.0				0.0
720 minute winter	FC43	45.000	J39	0.3	0.574	0.029	0.0023	
720 minute winter	FC43	Infiltration		0.0				0.0
720 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
720 minute winter	FC44	Infiltration		0.0				0.0
720 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
720 minute winter	FC45	Infiltration		0.0				0.0
720 minute winter	FC46	48.000	S20	0.4	0.417	0.067	0.0057	
720 minute winter	FC46	Infiltration		0.0				0.0
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024	
720 minute winter	FC48	50.000	J42	0.3	0.341	0.021	0.0046	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC49	390	184.903	0.103	0.3	0.1329	0.0000	SURCHARGED
720 minute winter	FC50	390	184.903	0.103	0.3	0.1329	0.0000	SURCHARGED
720 minute winter	FC51	390	184.953	0.103	0.3	0.1328	0.0000	SURCHARGED
720 minute winter	FC52	390	185.349	0.099	0.3	0.1283	0.0000	OK
720 minute winter	FC53	390	185.350	0.100	0.3	0.1290	0.0000	OK
720 minute winter	FC54	435	185.300	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC55	435	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC48	Infiltration		0.0				0.0
720 minute winter	FC49	51.000	S21	0.3	0.389	0.050	0.0033	
720 minute winter	FC49	Infiltration		0.0				0.0
720 minute winter	FC50	52.000	J43	0.3	0.390	0.050	0.0036	
720 minute winter	FC50	Infiltration		0.0				0.0
720 minute winter	FC51	55.000	S22	0.3	0.391	0.050	0.0047	
720 minute winter	FC51	Infiltration		0.0				0.0
720 minute winter	FC52	58.000	S23	0.3	0.565	0.030	0.0029	
720 minute winter	FC52	Infiltration		0.0				0.0
720 minute winter	FC53	61.000	J50	0.3	0.532	0.032	0.0024	
720 minute winter	FC53	Infiltration		0.0				0.0
720 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
720 minute winter	FC54	Infiltration		0.0				0.0
720 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
720 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC56	435	185.400	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC57	435	185.400	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC58	435	185.400	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC59	435	185.400	0.050	0.2	0.0628	0.0000	OK
720 minute winter	FC60	390	185.449	0.099	0.3	0.1272	0.0000	OK
720 minute winter	FC61	390	185.400	0.100	0.3	0.1294	0.0000	SURCHARGED
720 minute winter	FC62	390	185.419	0.169	0.4	0.2280	0.0000	SURCHARGED
720 minute winter	FC63	435	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
720 minute winter	FC56	Infiltration		0.0				0.0
720 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
720 minute winter	FC57	Infiltration		0.0				0.0
720 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
720 minute winter	FC58	Infiltration		0.0				0.0
720 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
720 minute winter	FC59	Infiltration		0.0				0.0
720 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
720 minute winter	FC60	Infiltration		0.0				0.0
720 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
720 minute winter	FC61	Infiltration		0.0				0.0
720 minute winter	FC62	63.000	J52	0.4	0.510	0.052	0.0073	
720 minute winter	FC62	Infiltration		0.0				0.0
720 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0019	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC64	435	185.202	0.052	0.2	0.0648	0.0000	OK
720 minute winter	FC65	390	185.249	0.099	0.3	0.1284	0.0000	OK
720 minute winter	FC66	390	185.102	0.102	0.3	0.1314	0.0000	SURCHARGED
720 minute winter	FC67	435	184.849	0.049	0.2	0.4999	0.0000	OK
720 minute winter	FC68	435	184.600	0.050	0.2	0.0628	0.0000	OK
720 minute winter	J1	375	188.230	0.030	1.5	0.0444	0.0000	OK
720 minute winter	J2	375	188.100	0.044	1.8	0.0497	0.0000	OK
720 minute winter	J3	375	188.091	0.041	2.2	0.0468	0.0000	OK
720 minute winter	J4	375	188.068	0.029	2.4	0.0324	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC63	Infiltration		0.0				0.0
720 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0027	
720 minute winter	FC64	Infiltration		0.0				0.0
720 minute winter	FC65	67.000	J55	0.3	0.275	0.031	0.0026	
720 minute winter	FC65	Infiltration		0.0				0.0
720 minute winter	FC66	68.000	S24	0.3	0.439	0.042	0.0014	
720 minute winter	FC66	Infiltration		0.0				0.0
720 minute winter	FC67	69.000	J56	0.2	0.336	0.032	0.0012	
720 minute winter	FC67	Infiltration		0.0				0.0
720 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
720 minute winter	FC68	Infiltration		0.0				0.0
720 minute winter	J1	1.001	J2	1.5	0.776	0.180	0.0097	
720 minute winter	J2	1.002	J3	1.8	0.434	0.133	0.0043	
720 minute winter	J3	1.003	J4	2.2	0.698	0.164	0.0061	
720 minute winter	J4	1.004	J5	2.4	1.060	0.070	0.0079	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J5	375	187.937	0.027	2.7	0.0305	0.0000	OK
720 minute winter	J6	375	187.687	0.036	2.9	0.0413	0.0000	OK
720 minute winter	J7	375	187.571	0.046	3.1	0.0521	0.0000	OK
720 minute winter	J8	375	187.551	0.030	3.3	0.0338	0.0000	OK
720 minute winter	J9	375	187.324	0.049	3.6	0.0557	0.0000	OK
720 minute winter	J10	375	187.298	0.028	4.0	0.0318	0.0000	OK
720 minute winter	J11	375	187.160	0.039	4.3	0.0442	0.0000	OK
720 minute winter	J12	375	186.858	0.049	6.0	0.0550	0.0000	OK
720 minute winter	J13	375	186.705	0.078	6.3	0.0885	0.0000	OK
720 minute winter	J14	375	186.696	0.074	6.5	0.0840	0.0000	OK
720 minute winter	J15	375	186.684	0.067	6.7	0.0754	0.0000	OK
720 minute winter	J16	375	186.655	0.050	6.9	0.0562	0.0000	OK
720 minute winter	J17	375	186.316	0.033	7.1	0.0373	0.0000	OK
720 minute winter	J18	375	186.167	0.042	8.1	0.0473	0.0000	OK
720 minute winter	J19	375	186.108	0.081	8.4	0.0913	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J5	1.005	J6	2.7	0.987	0.070	0.0155	
720 minute winter	J6	1.006	J7	2.9	0.947	0.101	0.0060	
720 minute winter	J7	1.007	J8	3.1	0.704	0.099	0.0050	
720 minute winter	J8	1.008	J9	3.4	0.720	0.038	0.0403	
720 minute winter	J9	1.009	J10	3.6	0.788	0.107	0.0056	
720 minute winter	J10	1.010	J11	4.0	1.073	0.031	0.0091	
720 minute winter	J11	1.011	S2	4.3	0.567	0.066	0.0411	
720 minute winter	J12	1.013	J13	6.0	1.006	0.090	0.0388	
720 minute winter	J13	1.014	J14	6.3	0.444	0.110	0.0267	
720 minute winter	J14	1.015	J15	6.5	0.513	0.115	0.0241	
720 minute winter	J15	1.016	J16	6.7	0.696	0.125	0.0493	
720 minute winter	J16	1.017	J17	6.9	0.973	0.048	0.0237	
720 minute winter	J17	1.018	S3	7.1	0.882	0.023	0.0156	
720 minute winter	J18	1.020	J19	8.1	0.790	0.028	0.0158	
720 minute winter	J19	1.021	S4	8.4	0.616	0.153	0.0602	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J20	375	186.063	0.032	1.2	0.0361	0.0000	OK
720 minute winter	J21	375	186.043	0.034	1.5	0.0386	0.0000	OK
720 minute winter	J22	375	186.003	0.040	1.8	0.0449	0.0000	OK
720 minute winter	J23	375	185.982	0.040	2.0	0.0455	0.0000	OK
720 minute winter	J24	555	185.982	0.165	3.0	0.1863	0.0000	OK
720 minute winter	J25	555	185.982	0.186	3.2	0.2100	0.0000	OK
720 minute winter	J26	555	185.982	0.203	3.5	0.2292	0.0000	OK
720 minute winter	J27	555	185.982	0.246	4.6	0.2777	0.0000	SURCHARGED
720 minute winter	J28	405	186.383	0.027	0.9	0.0300	0.0000	OK
720 minute winter	J29	405	186.302	0.031	1.1	0.0346	0.0000	OK
720 minute winter	J30	390	186.193	0.046	2.4	0.0517	0.0000	OK
720 minute winter	J31	390	186.091	0.047	2.7	0.0532	0.0000	OK
720 minute winter	J32	390	186.058	0.047	3.0	0.0530	0.0000	OK
720 minute winter	J33	390	185.565	0.030	4.1	0.0344	0.0000	OK
720 minute winter	J34	390	185.182	0.057	5.1	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J20	23.002	J21	1.2	0.412	0.088	0.0108	
720 minute winter	J21	23.003	J22	1.5	0.439	0.110	0.0270	
720 minute winter	J22	23.004	J23	1.8	0.472	0.131	0.0135	
720 minute winter	J23	23.005	S18	2.0	0.531	0.146	0.0514	
720 minute winter	J24	23.007	J25	3.0	0.415	0.098	0.2046	
720 minute winter	J25	23.008	J26	3.2	0.412	0.108	0.1806	
720 minute winter	J26	23.009	S19	3.5	0.418	0.116	0.1424	
720 minute winter	J27	23.011	S4	4.6	0.561	0.155	0.0951	
720 minute winter	J28	32.001	J29	0.9	0.489	0.152	0.0163	
720 minute winter	J29	32.002	S12	1.1	0.562	0.185	0.0091	
720 minute winter	J30	32.004	J31	2.4	0.552	0.181	0.0216	
720 minute winter	J31	32.005	J32	2.7	0.450	0.090	0.0583	
720 minute winter	J32	32.006	S13	3.0	0.663	0.100	0.0242	
720 minute winter	J33	32.008	S14	4.1	0.832	0.039	0.0454	
720 minute winter	J34	32.010	J35	5.1	0.843	0.131	0.0549	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J35	390	185.112	0.037	5.3	0.0419	0.0000	OK
720 minute winter	J36	390	184.936	0.061	5.6	0.0690	0.0000	OK
720 minute winter	J37	390	184.564	0.064	6.7	0.0724	0.0000	OK
720 minute winter	J38	390	184.380	0.080	7.8	0.0909	0.0000	OK
720 minute winter	J39	390	184.349	0.075	8.1	0.0845	0.0000	OK
720 minute winter	J40	390	184.326	0.061	8.3	0.0694	0.0000	OK
720 minute winter	J41	390	184.615	0.018	0.4	0.0198	0.0000	OK
720 minute winter	J42	390	184.561	0.024	0.7	0.0268	0.0000	OK
720 minute winter	J43	390	184.422	0.042	1.8	0.0472	0.0000	OK
720 minute winter	J44	390	184.410	0.040	2.0	0.0455	0.0000	OK
720 minute winter	J45	390	184.364	0.044	2.2	0.0501	0.0000	OK
720 minute winter	J46	390	184.279	0.057	3.2	0.0646	0.0000	OK
720 minute winter	J47	390	184.271	0.064	3.4	0.0729	0.0000	OK
720 minute winter	J48	390	184.259	0.065	4.5	0.0732	0.0000	OK
720 minute winter	J49	390	184.244	0.075	4.8	0.0852	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J35	32.011	J36	5.3	0.828	0.059	0.0445	
720 minute winter	J36	32.012	S15	5.6	0.818	0.186	0.0163	
720 minute winter	J37	32.014	S16	6.7	0.923	0.121	0.0387	
720 minute winter	J38	32.016	J39	7.8	0.539	0.144	0.1558	
720 minute winter	J39	32.017	J40	8.1	0.674	0.147	0.0438	
720 minute winter	J40	32.018	S10	8.3	0.833	0.083	0.0949	
720 minute winter	J41	48.002	J42	0.4	0.341	0.067	0.0072	
720 minute winter	J42	48.003	S21	0.7	0.498	0.118	0.0114	
720 minute winter	J43	48.005	J44	1.8	0.460	0.128	0.0063	
720 minute winter	J44	48.006	J45	2.0	0.490	0.149	0.0357	
720 minute winter	J45	48.007	S22	2.2	0.536	0.161	0.0097	
720 minute winter	J46	48.009	J47	3.2	0.369	0.103	0.0364	
720 minute winter	J47	48.010	S23	3.4	0.347	0.112	0.0258	
720 minute winter	J48	48.012	J49	4.5	0.426	0.150	0.0784	
720 minute winter	J49	48.013	J50	4.8	0.423	0.156	0.0128	

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J50	390	184.237	0.072	5.1	0.0817	0.0000	OK
720 minute winter	J51	390	184.225	0.077	5.3	0.0871	0.0000	OK
720 minute winter	J52	390	184.216	0.072	5.7	0.0819	0.0000	OK
720 minute winter	J53	390	184.197	0.070	5.9	0.0790	0.0000	OK
720 minute winter	J54	390	185.158	0.029	1.0	0.0332	0.0000	OK
720 minute winter	J55	390	185.123	0.029	1.3	0.0326	0.0000	OK
720 minute winter	J56	390	184.093	0.086	8.3	0.0970	0.0000	OK
720 minute winter	J57	390	184.072	0.087	8.5	0.0986	0.0000	OK
720 minute winter	BASIN 1	555	185.981	1.056	13.7	130.1079	0.0000	SURCHARGED
720 minute winter	BASIN 2	585	184.849	0.549	3.6	55.5567	0.0000	OK
720 minute winter	BASIN 3	960	183.258	0.158	10.4	252.6541	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J50	48.014	J51	5.1	0.442	0.170	0.0583	
720 minute winter	J51	48.015	J52	5.3	0.459	0.172	0.0131	
720 minute winter	J52	48.016	J53	5.7	0.528	0.186	0.0524	
720 minute winter	J53	48.017	S24	5.9	0.607	0.195	0.0993	
720 minute winter	J54	65.002	J55	1.0	0.536	0.169	0.0069	
720 minute winter	J55	65.003	S24	1.3	0.710	0.171	0.0144	
720 minute winter	J56	48.019	J57	8.3	0.492	0.152	0.1526	
720 minute winter	J57	48.020	S25	8.5	0.510	0.155	0.1013	
720 minute winter	BASIN 1	1.023	S5	3.5	0.170	0.043	0.9418	
720 minute winter	BASIN 1	Infiltration		0.1				5.0
720 minute winter	BASIN 2	1.027	S7	3.5	0.561	0.043	0.1413	
720 minute winter	BASIN 2	71.000	BH1	0.8	0.518	0.139	0.1829	
720 minute winter	BASIN 2	Infiltration		0.0				0.0
720 minute winter	BASIN 3	1.034	BH2	1.5	0.353	0.012	0.6162	
720 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	BASIN 4	720	183.836	0.506	10.0	150.7735	0.0000	SURCHARGED
720 minute winter	SWALE 1	510	184.927	0.053	3.5	0.0760	0.0000	OK
720 minute winter	SWALE 2	585	184.428	0.053	3.5	0.0752	0.0000	OK
720 minute winter	SWALE 3	390	184.064	0.069	9.3	0.0994	0.0000	OK
720 minute winter	BH1	585	184.849	0.772	0.8	3.0405	0.0000	OK
720 minute winter	BH2	960	183.258	0.175	1.5	2.4771	0.0000	OK
720 minute winter	BH3	720	183.836	0.517	0.5	4.0182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	BASIN 4	48.022	BH3	0.5	0.306	0.009	0.3211	
720 minute winter	BASIN 4	Infiltration		0.0				0.0
720 minute winter	SWALE 1	1.025	S6	3.5	0.381	0.043	0.3589	
720 minute winter	SWALE 2	1.029	S8	3.5	0.537	0.043	0.1739	
720 minute winter	SWALE 3	1.033	BASIN 3	9.3	0.672	0.074	0.5958	
720 minute winter	BH1	Infiltration		0.1				4.8
720 minute winter	BH2	Infiltration		0.2				3.2
720 minute winter	BH3	Infiltration		0.2				8.8

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.389	0.019	0.7	0.0282	0.0000	OK
960 minute summer	S2	495	187.114	0.075	6.4	0.1297	0.0000	OK
960 minute summer	S3	495	186.210	0.073	8.7	0.0975	0.0000	OK
960 minute summer	S4	660	185.957	0.579	15.2	0.7423	0.0000	SURCHARGED
960 minute summer	S5	660	185.957	1.047	3.5	1.4978	0.0000	SURCHARGED
960 minute summer	S6	690	184.862	0.054	3.5	0.0772	0.0000	OK
960 minute summer	S7	705	184.787	0.028	3.5	0.0404	0.0000	OK
960 minute summer	S8	705	184.360	0.030	3.5	0.0433	0.0000	OK
960 minute summer	S9	660	184.174	0.049	3.5	0.0699	0.0000	OK
960 minute summer	S10	495	184.163	0.050	10.7	0.0901	0.0000	OK
960 minute summer	S11	495	186.427	0.027	0.9	0.0431	0.0000	OK
960 minute summer	S12	495	186.223	0.047	2.5	0.0700	0.0000	OK
960 minute summer	S13	495	186.026	0.033	4.3	0.0489	0.0000	OK
960 minute summer	S14	495	185.231	0.056	5.7	0.0886	0.0000	OK
960 minute summer	S15	495	184.912	0.045	7.4	0.0709	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S1	1.000	J1	0.7	0.439	0.080	0.0133	
960 minute summer	S2	1.012	J12	6.4	0.610	0.214	0.0157	
960 minute summer	S3	1.019	J18	8.7	0.891	0.163	0.0510	
960 minute summer	S4	1.022	BASIN 1	15.0	0.901	0.089	1.1778	
960 minute summer	S5	1.024	SWALE 1	3.5	0.375	0.042	0.1906	
960 minute summer	S6	1.026	BASIN 2	3.5	0.455	0.040	0.0541	
960 minute summer	S7	1.028	SWALE 2	3.5	0.554	0.012	0.1089	
960 minute summer	S8	1.030	S9	3.5	0.577	0.013	0.0749	
960 minute summer	S9	1.031	S10	3.5	0.583	0.042	0.0476	
960 minute summer	S10	1.032	SWALE 3	10.7	0.899	0.032	0.0525	
960 minute summer	S11	32.000	J28	0.9	0.490	0.151	0.0083	
960 minute summer	S12	32.003	J30	2.5	0.508	0.187	0.0250	
960 minute summer	S13	32.007	J33	4.3	1.210	0.044	0.0462	
960 minute summer	S14	32.009	J34	5.7	0.695	0.113	0.0434	
960 minute summer	S15	32.013	J37	7.4	1.358	0.080	0.0510	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.522	0.035	8.7	0.0532	0.0000	OK
960 minute summer	S17	495	186.181	0.031	1.2	0.0497	0.0000	OK
960 minute summer	S18	660	185.957	0.133	3.1	0.1969	0.0000	OK
960 minute summer	S19	660	185.957	0.191	4.9	0.2754	0.0000	OK
960 minute summer	S20	495	184.661	0.019	0.5	0.0218	0.0000	OK
960 minute summer	S21	495	184.446	0.037	1.6	0.0497	0.0000	OK
960 minute summer	S22	495	184.290	0.058	3.2	0.0758	0.0000	OK
960 minute summer	S23	495	184.270	0.072	4.5	0.0922	0.0000	OK
960 minute summer	S24	495	184.109	0.092	8.7	0.1213	0.0000	OK
960 minute summer	S25	495	184.057	0.087	9.7	0.1208	0.0000	OK
960 minute summer	S26	510	185.397	0.020	0.9	0.0295	0.0000	OK
960 minute summer	FC1	525	188.353	0.103	0.3	0.1330	0.0000	SURCHARGED
960 minute summer	FC2	525	188.254	0.104	0.3	0.1339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S16	32.015	J38	8.7	0.854	0.027	0.0247	
960 minute summer	S17	23.001	J20	1.2	0.577	0.199	0.0146	
960 minute summer	S18	23.006	J24	3.1	0.415	0.099	0.0462	
960 minute summer	S19	23.010	J27	4.9	0.506	0.165	0.3363	
960 minute summer	S20	48.001	J41	0.5	0.441	0.076	0.0048	
960 minute summer	S21	48.004	J43	1.6	0.430	0.124	0.0196	
960 minute summer	S22	48.008	J46	3.2	0.389	0.103	0.0203	
960 minute summer	S23	48.011	J48	4.5	0.435	0.147	0.0117	
960 minute summer	S24	48.018	J56	8.7	0.484	0.162	0.0761	
960 minute summer	S25	48.021	BASIN 4	9.7	0.639	0.183	0.0587	
960 minute summer	S26	65.001	J54	0.9	0.575	0.087	0.0135	
960 minute summer	FC1	2.000	J1	0.3	0.242	0.048	0.0070	
960 minute summer	FC1	Infiltration		0.0				0.0
960 minute summer	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
960 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC3	495	188.423	0.223	0.5	0.3008	0.0000	SURCHARGED
960 minute summer	FC4	540	188.251	0.051	0.2	0.0633	0.0000	OK
960 minute summer	FC5	525	188.104	0.104	0.3	0.1340	0.0000	SURCHARGED
960 minute summer	FC6	540	187.900	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC7	540	187.801	0.051	0.2	0.0637	0.0000	OK
960 minute summer	FC8	525	187.851	0.101	0.3	0.1298	0.0000	SURCHARGED
960 minute summer	FC9	540	187.522	0.052	0.2	0.0650	0.0000	OK
960 minute summer	FC10	495	187.692	0.222	0.5	0.3003	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC3	4.000	J3	0.5	0.460	0.073	0.0093	
960 minute summer	FC3	Infiltration		0.0				0.0
960 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
960 minute summer	FC4	Infiltration		0.0				0.0
960 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
960 minute summer	FC5	Infiltration		0.0				0.0
960 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
960 minute summer	FC6	Infiltration		0.0				0.0
960 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
960 minute summer	FC7	Infiltration		0.0				0.0
960 minute summer	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
960 minute summer	FC8	Infiltration		0.0				0.0
960 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
960 minute summer	FC9	Infiltration		0.0				0.0
960 minute summer	FC10	11.000	J10	0.5	0.478	0.069	0.0060	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC11	525	187.424	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC12	525	187.334	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC13	525	187.104	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC14	540	186.972	0.072	0.3	0.9121	0.0000	OK
960 minute summer	FC15	540	187.250	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC16	540	186.952	0.052	0.2	0.0645	0.0000	OK
960 minute summer	FC17	540	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC10	Infiltration		0.0				0.0
960 minute summer	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
960 minute summer	FC11	Infiltration		0.0				0.0
960 minute summer	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
960 minute summer	FC12	Infiltration		0.0				0.0
960 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
960 minute summer	FC13	Infiltration		0.0				0.0
960 minute summer	FC14	15.000	J13	0.2	0.369	0.041	0.0050	
960 minute summer	FC14	Infiltration		0.0				0.0
960 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
960 minute summer	FC15	Infiltration		0.0				0.0
960 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
960 minute summer	FC16	Infiltration		0.0				0.0
960 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
960 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC18	540	186.602	0.052	0.2	0.0650	0.0000	OK
960 minute summer	FC19	525	186.504	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC20	525	187.049	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC21	525	186.404	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC22	540	186.496	0.046	0.2	0.4465	0.0000	OK
960 minute summer	FC23	540	186.350	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC24	525	186.399	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC25	525	186.649	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
960 minute summer	FC18	Infiltration		0.0				0.0
960 minute summer	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
960 minute summer	FC19	Infiltration		0.0				0.0
960 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
960 minute summer	FC20	Infiltration		0.0				0.0
960 minute summer	FC21	22.000	J19	0.3	0.391	0.051	0.0059	
960 minute summer	FC21	Infiltration		0.0				0.0
960 minute summer	FC22	23.000	S17	0.2	0.241	0.012	0.0056	
960 minute summer	FC22	Infiltration		0.0				0.0
960 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
960 minute summer	FC23	Infiltration		0.0				0.0
960 minute summer	FC24	25.000	J21	0.3	0.706	0.022	0.0020	
960 minute summer	FC24	Infiltration		0.0				0.0
960 minute summer	FC25	26.000	J22	0.3	0.775	0.019	0.0018	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC26	540	186.496	0.046	0.2	0.4615	0.0000	OK
960 minute summer	FC27	540	186.550	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC28	525	186.599	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC29	525	186.599	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC30	525	186.849	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC31	540	186.500	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC32	540	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC25	Infiltration		0.0				0.0
960 minute summer	FC26	27.000	J23	0.2	0.598	0.014	0.0015	
960 minute summer	FC26	Infiltration		0.0				0.0
960 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0018	
960 minute summer	FC27	Infiltration		0.0				0.0
960 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0017	
960 minute summer	FC28	Infiltration		0.0				0.0
960 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0019	
960 minute summer	FC29	Infiltration		0.0				0.0
960 minute summer	FC30	31.000	J27	0.3	0.728	0.021	0.0018	
960 minute summer	FC30	Infiltration		0.0				0.0
960 minute summer	FC31	33.000	J28	0.2	0.215	0.022	0.0050	
960 minute summer	FC31	Infiltration		0.0				0.0
960 minute summer	FC32	34.000	J29	0.2	0.193	0.016	0.0055	
960 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC33	525	186.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC34	525	186.553	0.103	0.3	0.1335	0.0000	SURCHARGED
960 minute summer	FC35	525	186.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC36	525	186.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC37	495	186.020	0.220	0.5	0.2973	0.0000	SURCHARGED
960 minute summer	FC38	540	185.494	0.044	0.2	0.5319	0.0000	OK
960 minute summer	FC39	540	185.500	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC40	525	185.599	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
960 minute summer	FC33	Infiltration		0.0				0.0
960 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
960 minute summer	FC34	Infiltration		0.0				0.0
960 minute summer	FC35	37.000	J31	0.3	0.720	0.021	0.0021	
960 minute summer	FC35	Infiltration		0.0				0.0
960 minute summer	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
960 minute summer	FC36	Infiltration		0.0				0.0
960 minute summer	FC37	39.000	J33	0.5	0.587	0.051	0.0051	
960 minute summer	FC37	Infiltration		0.0				0.0
960 minute summer	FC38	40.000	J34	0.2	0.571	0.015	0.0015	
960 minute summer	FC38	Infiltration		0.0				0.0
960 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
960 minute summer	FC39	Infiltration		0.0				0.0
960 minute summer	FC40	42.000	J36	0.3	0.888	0.016	0.0017	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC41	525	184.950	0.100	0.3	0.1290	0.0000	OK
960 minute summer	FC42	525	184.701	0.101	0.3	0.1305	0.0000	SURCHARGED
960 minute summer	FC43	525	184.700	0.100	0.3	0.1292	0.0000	SURCHARGED
960 minute summer	FC44	450	184.610	0.010	0.2	0.0122	0.0000	OK
960 minute summer	FC45	540	184.650	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC46	495	184.923	0.223	0.5	0.3015	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	525	184.899	0.099	0.3	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC40	Infiltration		0.0				0.0
960 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
960 minute summer	FC41	Infiltration		0.0				0.0
960 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
960 minute summer	FC42	Infiltration		0.0				0.0
960 minute summer	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
960 minute summer	FC43	Infiltration		0.0				0.0
960 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
960 minute summer	FC44	Infiltration		0.0				0.0
960 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
960 minute summer	FC45	Infiltration		0.0				0.0
960 minute summer	FC46	48.000	S20	0.5	0.434	0.077	0.0063	
960 minute summer	FC46	Infiltration		0.0				0.0
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0027	
960 minute summer	FC48	50.000	J42	0.3	0.352	0.021	0.0048	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC49	525	184.904	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute summer	FC50	525	184.904	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute summer	FC51	525	184.954	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC52	525	185.350	0.100	0.3	0.1293	0.0000	SURCHARGED
960 minute summer	FC53	525	185.351	0.101	0.3	0.1300	0.0000	SURCHARGED
960 minute summer	FC54	540	185.300	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC55	540	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC48	Infiltration		0.0				0.0
960 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
960 minute summer	FC49	Infiltration		0.0				0.0
960 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
960 minute summer	FC50	Infiltration		0.0				0.0
960 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
960 minute summer	FC51	Infiltration		0.0				0.0
960 minute summer	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
960 minute summer	FC52	Infiltration		0.0				0.0
960 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
960 minute summer	FC53	Infiltration		0.0				0.0
960 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
960 minute summer	FC54	Infiltration		0.0				0.0
960 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
960 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC56	540	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC57	540	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC58	540	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC59	540	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute summer	FC60	525	185.449	0.099	0.3	0.1281	0.0000	OK
960 minute summer	FC61	525	185.401	0.101	0.3	0.1304	0.0000	SURCHARGED
960 minute summer	FC62	495	185.471	0.221	0.5	0.2986	0.0000	SURCHARGED
960 minute summer	FC63	540	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
960 minute summer	FC56	Infiltration		0.0				0.0
960 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
960 minute summer	FC57	Infiltration		0.0				0.0
960 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
960 minute summer	FC58	Infiltration		0.0				0.0
960 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
960 minute summer	FC59	Infiltration		0.0				0.0
960 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
960 minute summer	FC60	Infiltration		0.0				0.0
960 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
960 minute summer	FC61	Infiltration		0.0				0.0
960 minute summer	FC62	63.000	J52	0.5	0.531	0.060	0.0081	
960 minute summer	FC62	Infiltration		0.0				0.0
960 minute summer	FC63	65.000	S26	0.2	0.268	0.034	0.0020	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC64	540	185.202	0.052	0.2	0.0648	0.0000	OK
960 minute summer	FC65	525	185.250	0.100	0.3	0.1293	0.0000	SURCHARGED
960 minute summer	FC66	525	185.103	0.103	0.3	0.1325	0.0000	SURCHARGED
960 minute summer	FC67	540	184.847	0.047	0.2	0.4800	0.0000	OK
960 minute summer	FC68	540	184.600	0.050	0.2	0.0628	0.0000	OK
960 minute summer	J1	495	188.232	0.032	1.7	0.0476	0.0000	OK
960 minute summer	J2	495	188.103	0.047	2.0	0.0529	0.0000	OK
960 minute summer	J3	495	188.094	0.044	2.5	0.0497	0.0000	OK
960 minute summer	J4	495	188.069	0.030	2.7	0.0344	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC63	Infiltration		0.0				0.0
960 minute summer	FC64	66.000	J54	0.2	0.177	0.034	0.0029	
960 minute summer	FC64	Infiltration		0.0				0.0
960 minute summer	FC65	67.000	J55	0.3	0.276	0.031	0.0028	
960 minute summer	FC65	Infiltration		0.0				0.0
960 minute summer	FC66	68.000	S24	0.3	0.439	0.042	0.0014	
960 minute summer	FC66	Infiltration		0.0				0.0
960 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012	
960 minute summer	FC67	Infiltration		0.0				0.0
960 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
960 minute summer	FC68	Infiltration		0.0				0.0
960 minute summer	J1	1.001	J2	1.7	0.803	0.205	0.0106	
960 minute summer	J2	1.002	J3	2.0	0.449	0.149	0.0047	
960 minute summer	J3	1.003	J4	2.5	0.723	0.185	0.0067	
960 minute summer	J4	1.004	J5	2.7	1.096	0.078	0.0086	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J5	495	187.938	0.028	2.9	0.0319	0.0000	OK
960 minute summer	J6	495	187.688	0.038	3.1	0.0434	0.0000	OK
960 minute summer	J7	495	187.573	0.048	3.3	0.0543	0.0000	OK
960 minute summer	J8	495	187.552	0.031	3.8	0.0351	0.0000	OK
960 minute summer	J9	495	187.326	0.051	3.8	0.0579	0.0000	OK
960 minute summer	J10	495	187.299	0.029	4.3	0.0333	0.0000	OK
960 minute summer	J11	495	187.162	0.041	4.6	0.0459	0.0000	OK
960 minute summer	J12	495	186.860	0.051	6.7	0.0581	0.0000	OK
960 minute summer	J13	495	186.709	0.082	6.9	0.0932	0.0000	OK
960 minute summer	J14	495	186.700	0.078	7.1	0.0882	0.0000	OK
960 minute summer	J15	495	186.687	0.070	7.3	0.0789	0.0000	OK
960 minute summer	J16	495	186.657	0.052	7.5	0.0590	0.0000	OK
960 minute summer	J17	495	186.318	0.035	7.7	0.0393	0.0000	OK
960 minute summer	J18	495	186.170	0.045	9.0	0.0506	0.0000	OK
960 minute summer	J19	495	186.112	0.085	9.3	0.0959	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J5	1.005	J6	2.9	1.016	0.077	0.0166	
960 minute summer	J6	1.006	J7	3.1	0.969	0.111	0.0064	
960 minute summer	J7	1.007	J8	3.5	0.748	0.114	0.0053	
960 minute summer	J8	1.008	J9	3.6	0.737	0.041	0.0426	
960 minute summer	J9	1.009	J10	3.8	0.801	0.115	0.0059	
960 minute summer	J10	1.010	J11	4.3	1.099	0.033	0.0097	
960 minute summer	J11	1.011	S2	4.6	0.572	0.071	0.0441	
960 minute summer	J12	1.013	J13	6.7	1.035	0.100	0.0419	
960 minute summer	J13	1.014	J14	6.9	0.458	0.122	0.0286	
960 minute summer	J14	1.015	J15	7.1	0.529	0.126	0.0258	
960 minute summer	J15	1.016	J16	7.3	0.714	0.137	0.0528	
960 minute summer	J16	1.017	J17	7.5	0.995	0.053	0.0254	
960 minute summer	J17	1.018	S3	7.7	0.895	0.025	0.0168	
960 minute summer	J18	1.020	J19	9.0	0.807	0.031	0.0170	
960 minute summer	J19	1.021	S4	9.3	0.634	0.169	0.0646	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J20	495	186.066	0.035	1.4	0.0392	0.0000	OK
960 minute summer	J21	495	186.046	0.037	1.7	0.0414	0.0000	OK
960 minute summer	J22	495	186.005	0.042	2.0	0.0476	0.0000	OK
960 minute summer	J23	495	185.984	0.042	2.1	0.0478	0.0000	OK
960 minute summer	J24	660	185.957	0.140	3.3	0.1586	0.0000	OK
960 minute summer	J25	660	185.957	0.161	3.6	0.1823	0.0000	OK
960 minute summer	J26	660	185.957	0.178	3.9	0.2015	0.0000	OK
960 minute summer	J27	660	185.957	0.221	5.2	0.2500	0.0000	OK
960 minute summer	J28	495	186.386	0.030	1.1	0.0335	0.0000	OK
960 minute summer	J29	495	186.305	0.033	1.3	0.0378	0.0000	OK
960 minute summer	J30	495	186.197	0.050	2.8	0.0562	0.0000	OK
960 minute summer	J31	495	186.095	0.051	3.1	0.0572	0.0000	OK
960 minute summer	J32	495	186.061	0.050	3.4	0.0562	0.0000	OK
960 minute summer	J33	495	185.568	0.033	4.8	0.0370	0.0000	OK
960 minute summer	J34	495	185.187	0.062	5.9	0.0699	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J20	23.002	J21	1.4	0.431	0.102	0.0121	
960 minute summer	J21	23.003	J22	1.7	0.456	0.125	0.0295	
960 minute summer	J22	23.004	J23	2.0	0.487	0.146	0.0146	
960 minute summer	J23	23.005	S18	2.1	0.545	0.161	0.0296	
960 minute summer	J24	23.007	J25	3.3	0.427	0.111	0.1744	
960 minute summer	J25	23.008	J26	3.6	0.421	0.121	0.1593	
960 minute summer	J26	23.009	S19	3.9	0.423	0.129	0.1291	
960 minute summer	J27	23.011	S4	5.2	0.578	0.176	0.0949	
960 minute summer	J28	32.001	J29	1.1	0.521	0.186	0.0187	
960 minute summer	J29	32.002	S12	1.3	0.587	0.219	0.0103	
960 minute summer	J30	32.004	J31	2.8	0.575	0.211	0.0242	
960 minute summer	J31	32.005	J32	3.1	0.471	0.103	0.0641	
960 minute summer	J32	32.006	S13	3.4	0.684	0.113	0.0266	
960 minute summer	J33	32.008	S14	4.7	0.858	0.046	0.0512	
960 minute summer	J34	32.010	J35	5.9	0.883	0.153	0.0612	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J35	495	185.115	0.040	6.1	0.0451	0.0000	OK
960 minute summer	J36	495	184.941	0.066	6.4	0.0741	0.0000	OK
960 minute summer	J37	495	184.569	0.069	7.7	0.0775	0.0000	OK
960 minute summer	J38	495	184.387	0.087	9.0	0.0982	0.0000	OK
960 minute summer	J39	495	184.354	0.080	9.3	0.0907	0.0000	OK
960 minute summer	J40	495	184.331	0.066	9.5	0.0747	0.0000	OK
960 minute summer	J41	510	184.616	0.019	0.5	0.0212	0.0000	OK
960 minute summer	J42	510	184.562	0.025	0.8	0.0280	0.0000	OK
960 minute summer	J43	495	184.424	0.044	1.9	0.0494	0.0000	OK
960 minute summer	J44	495	184.412	0.042	2.1	0.0474	0.0000	OK
960 minute summer	J45	495	184.366	0.046	2.3	0.0519	0.0000	OK
960 minute summer	J46	495	184.282	0.060	3.4	0.0679	0.0000	OK
960 minute summer	J47	495	184.275	0.068	3.6	0.0764	0.0000	OK
960 minute summer	J48	495	184.262	0.068	4.8	0.0766	0.0000	OK
960 minute summer	J49	495	184.248	0.078	5.1	0.0887	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J35	32.011	J36	6.1	0.867	0.069	0.0492	
960 minute summer	J36	32.012	S15	6.4	0.849	0.214	0.0181	
960 minute summer	J37	32.014	S16	7.7	0.956	0.140	0.0431	
960 minute summer	J38	32.016	J39	9.0	0.564	0.167	0.1730	
960 minute summer	J39	32.017	J40	9.3	0.703	0.170	0.0486	
960 minute summer	J40	32.018	S10	9.5	0.866	0.095	0.1051	
960 minute summer	J41	48.002	J42	0.5	0.363	0.076	0.0078	
960 minute summer	J42	48.003	S21	0.8	0.510	0.128	0.0121	
960 minute summer	J43	48.005	J44	1.9	0.470	0.139	0.0066	
960 minute summer	J44	48.006	J45	2.1	0.500	0.161	0.0377	
960 minute summer	J45	48.007	S22	2.3	0.545	0.173	0.0102	
960 minute summer	J46	48.009	J47	3.4	0.372	0.112	0.0390	
960 minute summer	J47	48.010	S23	3.6	0.349	0.121	0.0275	
960 minute summer	J48	48.012	J49	4.8	0.433	0.162	0.0832	
960 minute summer	J49	48.013	J50	5.1	0.430	0.167	0.0136	

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J50	495	184.240	0.075	5.4	0.0850	0.0000	OK
960 minute summer	J51	495	184.228	0.080	5.6	0.0905	0.0000	OK
960 minute summer	J52	495	184.219	0.075	6.1	0.0851	0.0000	OK
960 minute summer	J53	495	184.199	0.072	6.3	0.0818	0.0000	OK
960 minute summer	J54	510	185.160	0.031	1.1	0.0350	0.0000	OK
960 minute summer	J55	510	185.124	0.030	1.4	0.0340	0.0000	OK
960 minute summer	J56	495	184.096	0.089	8.8	0.1009	0.0000	OK
960 minute summer	J57	495	184.076	0.091	9.0	0.1025	0.0000	OK
960 minute summer	BASIN 1	660	185.957	1.032	15.5	126.2726	0.0000	SURCHARGED
960 minute summer	BASIN 2	705	184.849	0.549	3.6	55.5312	0.0000	OK
960 minute summer	BASIN 3	1200	183.325	0.225	12.1	280.5820	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J50	48.014	J51	5.4	0.448	0.182	0.0614	
960 minute summer	J51	48.015	J52	5.6	0.464	0.184	0.0138	
960 minute summer	J52	48.016	J53	6.1	0.538	0.199	0.0551	
960 minute summer	J53	48.017	S24	6.3	0.619	0.208	0.1042	
960 minute summer	J54	65.002	J55	1.1	0.547	0.186	0.0073	
960 minute summer	J55	65.003	S24	1.4	0.725	0.184	0.0152	
960 minute summer	J56	48.019	J57	8.8	0.499	0.163	0.1610	
960 minute summer	J57	48.020	S25	9.0	0.518	0.166	0.1068	
960 minute summer	BASIN 1	1.023	S5	3.5	0.105	0.042	0.9418	
960 minute summer	BASIN 1	Infiltration		0.1				5.8
960 minute summer	BASIN 2	1.027	S7	3.5	0.559	0.042	0.1404	
960 minute summer	BASIN 2	71.000	BH1	0.7	0.486	0.122	0.1829	
960 minute summer	BASIN 2	Infiltration		0.0				0.0
960 minute summer	BASIN 3	1.034	BH2	1.4	0.362	0.011	0.9593	
960 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	BASIN 4	975	183.849	0.519	10.9	154.7492	0.0000	SURCHARGED
960 minute summer	SWALE 1	615	184.927	0.053	3.5	0.0755	0.0000	OK
960 minute summer	SWALE 2	705	184.427	0.052	3.5	0.0749	0.0000	OK
960 minute summer	SWALE 3	495	184.070	0.075	10.7	0.1068	0.0000	OK
960 minute summer	BH1	705	184.849	0.772	0.7	3.0399	0.0000	OK
960 minute summer	BH2	1200	183.325	0.242	1.4	2.8099	0.0000	OK
960 minute summer	BH3	975	183.849	0.530	0.4	4.0765	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	BASIN 4	48.022	BH3	0.4	0.276	0.007	0.3211	
960 minute summer	BASIN 4	Infiltration		0.0				0.0
960 minute summer	SWALE 1	1.025	S6	3.5	0.380	0.042	0.3560	
960 minute summer	SWALE 2	1.029	S8	3.5	0.535	0.042	0.1728	
960 minute summer	SWALE 3	1.033	BASIN 3	10.7	0.701	0.086	0.6599	
960 minute summer	BH1	Infiltration		0.1				6.1
960 minute summer	BH2	Infiltration		0.2				4.7
960 minute summer	BH3	Infiltration		0.2				11.1

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	480	188.386	0.016	0.5	0.0240	0.0000	OK
960 minute winter	S2	510	187.102	0.063	4.6	0.1091	0.0000	OK
960 minute winter	S3	510	186.200	0.063	6.4	0.0840	0.0000	OK
960 minute winter	S4	705	185.948	0.570	10.7	0.7309	0.0000	SURCHARGED
960 minute winter	S5	705	185.948	1.038	3.5	1.4851	0.0000	SURCHARGED
960 minute winter	S6	720	184.862	0.054	3.5	0.0771	0.0000	OK
960 minute winter	S7	735	184.787	0.028	3.5	0.0403	0.0000	OK
960 minute winter	S8	735	184.360	0.030	3.5	0.0432	0.0000	OK
960 minute winter	S9	660	184.175	0.050	3.5	0.0721	0.0000	OK
960 minute winter	S10	510	184.154	0.041	7.7	0.0748	0.0000	OK
960 minute winter	S11	465	186.422	0.022	0.6	0.0346	0.0000	OK
960 minute winter	S12	525	186.215	0.039	1.8	0.0583	0.0000	OK
960 minute winter	S13	525	186.020	0.027	3.0	0.0411	0.0000	OK
960 minute winter	S14	510	185.221	0.046	4.0	0.0725	0.0000	OK
960 minute winter	S15	510	184.905	0.038	5.3	0.0595	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0103	
960 minute winter	S2	1.012	J12	4.6	0.558	0.154	0.0123	
960 minute winter	S3	1.019	J18	6.4	0.836	0.120	0.0400	
960 minute winter	S4	1.022	BASIN 1	10.6	0.848	0.063	1.1778	
960 minute winter	S5	1.024	SWALE 1	3.5	0.375	0.042	0.1887	
960 minute winter	S6	1.026	BASIN 2	3.5	0.451	0.040	0.0540	
960 minute winter	S7	1.028	SWALE 2	3.5	0.554	0.011	0.1086	
960 minute winter	S8	1.030	S9	3.5	0.577	0.013	0.0774	
960 minute winter	S9	1.031	S10	3.5	0.590	0.042	0.0496	
960 minute winter	S10	1.032	SWALE 3	7.7	0.829	0.023	0.0409	
960 minute winter	S11	32.000	J28	0.6	0.436	0.101	0.0063	
960 minute winter	S12	32.003	J30	1.8	0.471	0.135	0.0194	
960 minute winter	S13	32.007	J33	3.0	1.090	0.031	0.0358	
960 minute winter	S14	32.009	J34	4.0	0.631	0.079	0.0333	
960 minute winter	S15	32.013	J37	5.3	1.234	0.057	0.0399	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	510	184.516	0.029	6.2	0.0441	0.0000	OK
960 minute winter	S17	525	186.175	0.025	0.8	0.0401	0.0000	OK
960 minute winter	S18	705	185.948	0.124	2.2	0.1838	0.0000	OK
960 minute winter	S19	705	185.948	0.182	3.4	0.2626	0.0000	OK
960 minute winter	S20	555	184.658	0.016	0.3	0.0177	0.0000	OK
960 minute winter	S21	540	184.439	0.030	1.1	0.0398	0.0000	OK
960 minute winter	S22	525	184.279	0.048	2.3	0.0618	0.0000	OK
960 minute winter	S23	525	184.257	0.059	3.3	0.0762	0.0000	OK
960 minute winter	S24	525	184.095	0.078	6.4	0.1026	0.0000	OK
960 minute winter	S25	525	184.045	0.075	7.3	0.1042	0.0000	OK
960 minute winter	S26	525	185.395	0.018	0.7	0.0261	0.0000	OK
960 minute winter	FC1	555	188.302	0.052	0.2	0.0665	0.0000	OK
960 minute winter	FC2	555	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S16	32.015	J38	6.2	0.786	0.019	0.0191	
960 minute winter	S17	23.001	J20	0.8	0.516	0.132	0.0109	
960 minute winter	S18	23.006	J24	2.2	0.382	0.068	0.0426	
960 minute winter	S19	23.010	J27	3.4	0.459	0.112	0.3263	
960 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035	
960 minute winter	S21	48.004	J43	1.1	0.393	0.083	0.0144	
960 minute winter	S22	48.008	J46	2.3	0.372	0.073	0.0152	
960 minute winter	S23	48.011	J48	3.3	0.415	0.107	0.0089	
960 minute winter	S24	48.018	J56	6.4	0.450	0.120	0.0604	
960 minute winter	S25	48.021	BASIN 4	7.3	0.589	0.137	0.0477	
960 minute winter	S26	65.001	J54	0.7	0.526	0.068	0.0115	
960 minute winter	FC1	2.000	J1	0.2	0.225	0.032	0.0053	
960 minute winter	FC1	Infiltration		0.0				0.0
960 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
960 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC3	555	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
960 minute winter	FC4	525	188.251	0.051	0.2	0.0633	0.0000	OK
960 minute winter	FC5	540	188.052	0.052	0.2	0.0672	0.0000	OK
960 minute winter	FC6	525	187.900	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC7	525	187.801	0.051	0.2	0.0637	0.0000	OK
960 minute winter	FC8	525	187.800	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC9	525	187.522	0.052	0.2	0.0649	0.0000	OK
960 minute winter	FC10	555	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
960 minute winter	FC3	Infiltration		0.0				0.0
960 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
960 minute winter	FC4	Infiltration		0.0				0.0
960 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
960 minute winter	FC5	Infiltration		0.0				0.0
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
960 minute winter	FC6	Infiltration		0.0				0.0
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
960 minute winter	FC7	Infiltration		0.0				0.0
960 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
960 minute winter	FC8	Infiltration		0.0				0.0
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
960 minute winter	FC9	Infiltration		0.0				0.0
960 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC11	555	187.372	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC12	540	187.282	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC13	540	187.052	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC14	585	186.949	0.049	0.2	0.6281	0.0000	OK
960 minute winter	FC15	525	187.250	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC16	525	186.952	0.052	0.2	0.0645	0.0000	OK
960 minute winter	FC17	525	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC10	Infiltration		0.0				0.0
960 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
960 minute winter	FC11	Infiltration		0.0				0.0
960 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
960 minute winter	FC12	Infiltration		0.0				0.0
960 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
960 minute winter	FC13	Infiltration		0.0				0.0
960 minute winter	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
960 minute winter	FC14	Infiltration		0.0				0.0
960 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
960 minute winter	FC15	Infiltration		0.0				0.0
960 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
960 minute winter	FC16	Infiltration		0.0				0.0
960 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
960 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC18	525	186.602	0.052	0.2	0.0650	0.0000	OK
960 minute winter	FC19	540	186.452	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC20	525	187.000	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC21	540	186.352	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC22	525	186.494	0.044	0.2	0.4220	0.0000	OK
960 minute winter	FC23	525	186.350	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC24	525	186.350	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC25	525	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
960 minute winter	FC18	Infiltration		0.0				0.0
960 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
960 minute winter	FC19	Infiltration		0.0				0.0
960 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
960 minute winter	FC20	Infiltration		0.0				0.0
960 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
960 minute winter	FC21	Infiltration		0.0				0.0
960 minute winter	FC22	23.000	S17	0.2	0.223	0.012	0.0044	
960 minute winter	FC22	Infiltration		0.0				0.0
960 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
960 minute winter	FC23	Infiltration		0.0				0.0
960 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
960 minute winter	FC24	Infiltration		0.0				0.0
960 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC26	525	186.493	0.043	0.2	0.4354	0.0000	OK
960 minute winter	FC27	525	186.550	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC28	525	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC29	525	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC30	525	186.800	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC31	525	186.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC32	525	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC25	Infiltration		0.0				0.0
960 minute winter	FC26	27.000	J23	0.2	0.590	0.014	0.0014	
960 minute winter	FC26	Infiltration		0.0				0.0
960 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0011	
960 minute winter	FC27	Infiltration		0.0				0.0
960 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
960 minute winter	FC28	Infiltration		0.0				0.0
960 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
960 minute winter	FC29	Infiltration		0.0				0.0
960 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
960 minute winter	FC30	Infiltration		0.0				0.0
960 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0041	
960 minute winter	FC31	Infiltration		0.0				0.0
960 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
960 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC33	525	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC34	540	186.502	0.052	0.2	0.0668	0.0000	OK
960 minute winter	FC35	525	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC36	525	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC37	555	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
960 minute winter	FC38	525	185.492	0.042	0.2	0.4990	0.0000	OK
960 minute winter	FC39	525	185.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC40	525	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
960 minute winter	FC33	Infiltration		0.0				0.0
960 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
960 minute winter	FC34	Infiltration		0.0				0.0
960 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
960 minute winter	FC35	Infiltration		0.0				0.0
960 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
960 minute winter	FC36	Infiltration		0.0				0.0
960 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
960 minute winter	FC37	Infiltration		0.0				0.0
960 minute winter	FC38	40.000	J34	0.2	0.563	0.014	0.0015	
960 minute winter	FC38	Infiltration		0.0				0.0
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
960 minute winter	FC39	Infiltration		0.0				0.0
960 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC41	525	184.900	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC42	525	184.650	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC43	525	184.650	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC44	465	184.610	0.010	0.2	0.0122	0.0000	OK
960 minute winter	FC45	525	184.650	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC46	555	184.804	0.104	0.3	0.1401	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	525	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC40	Infiltration		0.0				0.0
960 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
960 minute winter	FC41	Infiltration		0.0				0.0
960 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
960 minute winter	FC42	Infiltration		0.0				0.0
960 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
960 minute winter	FC43	Infiltration		0.0				0.0
960 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
960 minute winter	FC44	Infiltration		0.0				0.0
960 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
960 minute winter	FC45	Infiltration		0.0				0.0
960 minute winter	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
960 minute winter	FC46	Infiltration		0.0				0.0
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
960 minute winter	FC48	50.000	J42	0.2	0.324	0.014	0.0036	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC49	540	184.852	0.052	0.2	0.0672	0.0000	OK
960 minute winter	FC50	555	184.852	0.052	0.2	0.0672	0.0000	OK
960 minute winter	FC51	540	184.902	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC52	525	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC53	525	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC54	525	185.300	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC55	525	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC48	Infiltration		0.0				0.0
960 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
960 minute winter	FC49	Infiltration		0.0				0.0
960 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
960 minute winter	FC50	Infiltration		0.0				0.0
960 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
960 minute winter	FC51	Infiltration		0.0				0.0
960 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
960 minute winter	FC52	Infiltration		0.0				0.0
960 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
960 minute winter	FC53	Infiltration		0.0				0.0
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
960 minute winter	FC54	Infiltration		0.0				0.0
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
960 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC56	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC57	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC58	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC59	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC60	525	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC61	525	185.350	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC62	555	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
960 minute winter	FC63	525	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
960 minute winter	FC56	Infiltration		0.0				0.0
960 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
960 minute winter	FC57	Infiltration		0.0				0.0
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
960 minute winter	FC58	Infiltration		0.0				0.0
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
960 minute winter	FC59	Infiltration		0.0				0.0
960 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
960 minute winter	FC60	Infiltration		0.0				0.0
960 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
960 minute winter	FC61	Infiltration		0.0				0.0
960 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
960 minute winter	FC62	Infiltration		0.0				0.0
960 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC64	525	185.202	0.052	0.2	0.0648	0.0000	OK
960 minute winter	FC65	525	185.200	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC66	540	185.051	0.051	0.2	0.0660	0.0000	OK
960 minute winter	FC67	525	184.844	0.044	0.2	0.4492	0.0000	OK
960 minute winter	FC68	525	184.600	0.050	0.2	0.0628	0.0000	OK
960 minute winter	J1	510	188.227	0.027	1.2	0.0395	0.0000	OK
960 minute winter	J2	510	188.095	0.039	1.4	0.0435	0.0000	OK
960 minute winter	J3	510	188.087	0.037	1.7	0.0414	0.0000	OK
960 minute winter	J4	510	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC63	Infiltration		0.0				0.0
960 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
960 minute winter	FC64	Infiltration		0.0				0.0
960 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0023	
960 minute winter	FC65	Infiltration		0.0				0.0
960 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
960 minute winter	FC66	Infiltration		0.0				0.0
960 minute winter	FC67	69.000	J56	0.2	0.330	0.030	0.0011	
960 minute winter	FC67	Infiltration		0.0				0.0
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
960 minute winter	FC68	Infiltration		0.0				0.0
960 minute winter	J1	1.001	J2	1.2	0.732	0.145	0.0082	
960 minute winter	J2	1.002	J3	1.4	0.407	0.104	0.0036	
960 minute winter	J3	1.003	J4	1.7	0.646	0.128	0.0052	
960 minute winter	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J5	510	187.934	0.024	2.1	0.0271	0.0000	OK
960 minute winter	J6	510	187.682	0.032	2.3	0.0365	0.0000	OK
960 minute winter	J7	480	187.566	0.041	2.5	0.0468	0.0000	OK
960 minute winter	J8	510	187.548	0.027	2.7	0.0305	0.0000	OK
960 minute winter	J9	510	187.319	0.044	2.9	0.0497	0.0000	OK
960 minute winter	J10	510	187.295	0.025	3.3	0.0284	0.0000	OK
960 minute winter	J11	510	187.156	0.035	3.4	0.0396	0.0000	OK
960 minute winter	J12	510	186.852	0.043	4.8	0.0487	0.0000	OK
960 minute winter	J13	510	186.697	0.070	5.0	0.0789	0.0000	OK
960 minute winter	J14	510	186.689	0.067	5.2	0.0754	0.0000	OK
960 minute winter	J15	510	186.677	0.060	5.4	0.0681	0.0000	OK
960 minute winter	J16	510	186.650	0.045	5.6	0.0504	0.0000	OK
960 minute winter	J17	510	186.312	0.029	5.8	0.0330	0.0000	OK
960 minute winter	J18	510	186.161	0.036	6.6	0.0410	0.0000	OK
960 minute winter	J19	510	186.099	0.072	6.8	0.0817	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J5	1.005	J6	2.1	0.922	0.055	0.0130	
960 minute winter	J6	1.006	J7	2.3	0.895	0.081	0.0051	
960 minute winter	J7	1.007	J8	2.5	0.681	0.082	0.0043	
960 minute winter	J8	1.008	J9	2.7	0.678	0.030	0.0344	
960 minute winter	J9	1.009	J10	3.0	0.769	0.088	0.0047	
960 minute winter	J10	1.010	J11	3.2	1.019	0.025	0.0077	
960 minute winter	J11	1.011	S2	3.4	0.534	0.053	0.0349	
960 minute winter	J12	1.013	J13	4.8	0.945	0.072	0.0329	
960 minute winter	J13	1.014	J14	5.0	0.415	0.088	0.0228	
960 minute winter	J14	1.015	J15	5.2	0.479	0.092	0.0208	
960 minute winter	J15	1.016	J16	5.4	0.655	0.101	0.0424	
960 minute winter	J16	1.017	J17	5.6	0.921	0.039	0.0204	
960 minute winter	J17	1.018	S3	5.8	0.844	0.019	0.0135	
960 minute winter	J18	1.020	J19	6.6	0.761	0.023	0.0133	
960 minute winter	J19	1.021	S4	6.8	0.581	0.123	0.0514	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J20	525	186.060	0.029	1.0	0.0327	0.0000	OK
960 minute winter	J21	525	186.040	0.030	1.2	0.0345	0.0000	OK
960 minute winter	J22	525	185.998	0.035	1.4	0.0393	0.0000	OK
960 minute winter	J23	525	185.978	0.036	1.6	0.0405	0.0000	OK
960 minute winter	J24	705	185.948	0.131	2.4	0.1485	0.0000	OK
960 minute winter	J25	705	185.948	0.152	2.6	0.1722	0.0000	OK
960 minute winter	J26	705	185.948	0.169	2.8	0.1914	0.0000	OK
960 minute winter	J27	705	185.948	0.212	3.6	0.2400	0.0000	OK
960 minute winter	J28	525	186.381	0.025	0.8	0.0282	0.0000	OK
960 minute winter	J29	525	186.300	0.029	1.0	0.0328	0.0000	OK
960 minute winter	J30	525	186.189	0.041	2.0	0.0469	0.0000	OK
960 minute winter	J31	525	186.086	0.042	2.2	0.0480	0.0000	OK
960 minute winter	J32	525	186.053	0.042	2.4	0.0477	0.0000	OK
960 minute winter	J33	525	185.563	0.027	3.3	0.0311	0.0000	OK
960 minute winter	J34	510	185.177	0.052	4.2	0.0587	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J20	23.002	J21	1.0	0.399	0.073	0.0093	
960 minute winter	J21	23.003	J22	1.2	0.420	0.088	0.0226	
960 minute winter	J22	23.004	J23	1.4	0.439	0.102	0.0113	
960 minute winter	J23	23.005	S18	1.6	0.499	0.117	0.0248	
960 minute winter	J24	23.007	J25	2.4	0.400	0.079	0.1627	
960 minute winter	J25	23.008	J26	2.6	0.397	0.085	0.1505	
960 minute winter	J26	23.009	S19	2.8	0.397	0.090	0.1232	
960 minute winter	J27	23.011	S4	3.6	0.521	0.119	0.0937	
960 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150	
960 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085	
960 minute winter	J30	32.004	J31	2.0	0.525	0.151	0.0190	
960 minute winter	J31	32.005	J32	2.2	0.427	0.073	0.0503	
960 minute winter	J32	32.006	S13	2.4	0.618	0.080	0.0209	
960 minute winter	J33	32.008	S14	3.3	0.794	0.032	0.0389	
960 minute winter	J34	32.010	J35	4.2	0.794	0.108	0.0480	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J35	510	185.109	0.034	4.4	0.0383	0.0000	OK
960 minute winter	J36	510	184.930	0.055	4.6	0.0627	0.0000	OK
960 minute winter	J37	510	184.558	0.058	5.5	0.0661	0.0000	OK
960 minute winter	J38	510	184.373	0.073	6.4	0.0820	0.0000	OK
960 minute winter	J39	510	184.342	0.068	6.6	0.0764	0.0000	OK
960 minute winter	J40	510	184.320	0.055	6.8	0.0626	0.0000	OK
960 minute winter	J41	555	184.612	0.015	0.3	0.0173	0.0000	OK
960 minute winter	J42	555	184.557	0.020	0.5	0.0227	0.0000	OK
960 minute winter	J43	525	184.415	0.035	1.3	0.0398	0.0000	OK
960 minute winter	J44	525	184.405	0.035	1.5	0.0391	0.0000	OK
960 minute winter	J45	525	184.359	0.039	1.7	0.0438	0.0000	OK
960 minute winter	J46	525	184.271	0.049	2.5	0.0554	0.0000	OK
960 minute winter	J47	525	184.263	0.056	2.7	0.0628	0.0000	OK
960 minute winter	J48	525	184.250	0.056	3.5	0.0629	0.0000	OK
960 minute winter	J49	525	184.234	0.065	3.7	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J35	32.011	J36	4.4	0.786	0.049	0.0388	
960 minute winter	J36	32.012	S15	4.6	0.771	0.152	0.0142	
960 minute winter	J37	32.014	S16	5.5	0.865	0.099	0.0339	
960 minute winter	J38	32.016	J39	6.4	0.511	0.118	0.1349	
960 minute winter	J39	32.017	J40	6.6	0.634	0.120	0.0380	
960 minute winter	J40	32.018	S10	6.8	0.788	0.068	0.0822	
960 minute winter	J41	48.002	J42	0.3	0.322	0.051	0.0058	
960 minute winter	J42	48.003	S21	0.5	0.454	0.085	0.0090	
960 minute winter	J43	48.005	J44	1.3	0.430	0.093	0.0050	
960 minute winter	J44	48.006	J45	1.5	0.451	0.112	0.0292	
960 minute winter	J45	48.007	S22	1.7	0.500	0.125	0.0081	
960 minute winter	J46	48.009	J47	2.5	0.358	0.081	0.0294	
960 minute winter	J47	48.010	S23	2.7	0.340	0.090	0.0210	
960 minute winter	J48	48.012	J49	3.5	0.411	0.117	0.0634	
960 minute winter	J49	48.013	J50	3.7	0.405	0.121	0.0104	

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J50	525	184.227	0.062	3.9	0.0700	0.0000	OK
960 minute winter	J51	525	184.215	0.067	4.1	0.0757	0.0000	OK
960 minute winter	J52	525	184.207	0.063	4.4	0.0713	0.0000	OK
960 minute winter	J53	525	184.188	0.061	4.6	0.0695	0.0000	OK
960 minute winter	J54	525	185.157	0.028	0.9	0.0314	0.0000	OK
960 minute winter	J55	525	185.121	0.026	1.1	0.0299	0.0000	OK
960 minute winter	J56	525	184.083	0.076	6.6	0.0856	0.0000	OK
960 minute winter	J57	525	184.063	0.078	6.8	0.0877	0.0000	OK
960 minute winter	BASIN 1	705	185.948	1.023	10.9	124.8930	0.0000	SURCHARGED
960 minute winter	BASIN 2	735	184.849	0.549	3.6	55.5220	0.0000	OK
960 minute winter	BASIN 3	1200	183.340	0.240	8.7	286.6113	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J50	48.014	J51	3.9	0.417	0.131	0.0475	
960 minute winter	J51	48.015	J52	4.1	0.433	0.134	0.0108	
960 minute winter	J52	48.016	J53	4.4	0.493	0.144	0.0435	
960 minute winter	J53	48.017	S24	4.6	0.569	0.153	0.0830	
960 minute winter	J54	65.002	J55	0.9	0.526	0.152	0.0062	
960 minute winter	J55	65.003	S24	1.1	0.678	0.145	0.0127	
960 minute winter	J56	48.019	J57	6.6	0.464	0.121	0.1287	
960 minute winter	J57	48.020	S25	6.8	0.480	0.124	0.0864	
960 minute winter	BASIN 1	1.023	S5	3.5	0.166	0.042	0.9418	
960 minute winter	BASIN 1	Infiltration		0.1				6.0
960 minute winter	BASIN 2	1.027	S7	3.5	0.558	0.042	0.1401	
960 minute winter	BASIN 2	71.000	BH1	0.8	0.504	0.134	0.1829	
960 minute winter	BASIN 2	Infiltration		0.0				0.0
960 minute winter	BASIN 3	1.034	BH2	1.1	0.386	0.009	1.0332	
960 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	BASIN 4	945	183.855	0.525	8.1	156.9553	0.0000	SURCHARGED
960 minute winter	SWALE 1	600	184.926	0.052	3.5	0.0744	0.0000	OK
960 minute winter	SWALE 2	735	184.427	0.052	3.5	0.0747	0.0000	OK
960 minute winter	SWALE 3	510	184.058	0.063	7.7	0.0906	0.0000	OK
960 minute winter	BH1	735	184.849	0.772	0.8	3.0396	0.0000	OK
960 minute winter	BH2	1200	183.340	0.257	1.1	2.8812	0.0000	OK
960 minute winter	BH3	945	183.855	0.536	0.4	4.1088	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	BASIN 4	48.022	BH3	0.4	0.291	0.008	0.3211	
960 minute winter	BASIN 4	Infiltration		0.0				0.0
960 minute winter	SWALE 1	1.025	S6	3.5	0.376	0.042	0.3550	
960 minute winter	SWALE 2	1.029	S8	3.5	0.535	0.042	0.1724	
960 minute winter	SWALE 3	1.033	BASIN 3	7.7	0.639	0.061	0.5187	
960 minute winter	BH1	Infiltration		0.1				6.0
960 minute winter	BH2	Infiltration		0.2				4.9
960 minute winter	BH3	Infiltration		0.2				11.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.386	0.016	0.5	0.0240	0.0000	OK
1440 minute summer	S2	750	187.103	0.064	4.7	0.1103	0.0000	OK
1440 minute summer	S3	750	186.201	0.064	6.6	0.0852	0.0000	OK
1440 minute summer	S4	960	185.927	0.549	11.3	0.7036	0.0000	SURCHARGED
1440 minute summer	S5	960	185.927	1.017	3.4	1.4547	0.0000	SURCHARGED
1440 minute summer	S6	960	184.862	0.054	3.4	0.0767	0.0000	OK
1440 minute summer	S7	960	184.787	0.028	3.4	0.0401	0.0000	OK
1440 minute summer	S8	960	184.360	0.030	3.4	0.0430	0.0000	OK
1440 minute summer	S9	900	184.175	0.050	3.4	0.0716	0.0000	OK
1440 minute summer	S10	750	184.156	0.043	8.4	0.0784	0.0000	OK
1440 minute summer	S11	750	186.424	0.024	0.7	0.0376	0.0000	OK
1440 minute summer	S12	750	186.218	0.042	2.0	0.0618	0.0000	OK
1440 minute summer	S13	750	186.022	0.029	3.3	0.0431	0.0000	OK
1440 minute summer	S14	750	185.224	0.048	4.4	0.0764	0.0000	OK
1440 minute summer	S15	750	184.907	0.040	5.8	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S1	1.000	J1	0.5	0.404	0.057	0.0103	
1440 minute summer	S2	1.012	J12	4.7	0.561	0.157	0.0125	
1440 minute summer	S3	1.019	J18	6.6	0.842	0.123	0.0409	
1440 minute summer	S4	1.022	BASIN 1	11.2	0.866	0.067	1.1778	
1440 minute summer	S5	1.024	SWALE 1	3.4	0.374	0.041	0.1873	
1440 minute summer	S6	1.026	BASIN 2	3.4	0.445	0.040	0.0536	
1440 minute summer	S7	1.028	SWALE 2	3.4	0.552	0.011	0.1077	
1440 minute summer	S8	1.030	S9	3.4	0.572	0.013	0.0765	
1440 minute summer	S9	1.031	S10	3.5	0.572	0.041	0.0493	
1440 minute summer	S10	1.032	SWALE 3	8.4	0.847	0.025	0.0436	
1440 minute summer	S11	32.000	J28	0.7	0.452	0.118	0.0070	
1440 minute summer	S12	32.003	J30	2.0	0.485	0.150	0.0210	
1440 minute summer	S13	32.007	J33	3.3	1.125	0.034	0.0382	
1440 minute summer	S14	32.009	J34	4.4	0.646	0.087	0.0357	
1440 minute summer	S15	32.013	J37	5.8	1.266	0.063	0.0426	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.517	0.030	6.8	0.0461	0.0000	OK
1440 minute summer	S17	750	186.177	0.027	0.9	0.0426	0.0000	OK
1440 minute summer	S18	960	185.927	0.103	2.4	0.1524	0.0000	OK
1440 minute summer	S19	960	185.927	0.161	3.7	0.2319	0.0000	OK
1440 minute summer	S20	780	184.658	0.016	0.3	0.0177	0.0000	OK
1440 minute summer	S21	750	184.441	0.031	1.2	0.0417	0.0000	OK
1440 minute summer	S22	750	184.281	0.050	2.5	0.0649	0.0000	OK
1440 minute summer	S23	750	184.260	0.062	3.6	0.0799	0.0000	OK
1440 minute summer	S24	750	184.097	0.080	6.7	0.1052	0.0000	OK
1440 minute summer	S25	750	184.047	0.077	7.6	0.1064	0.0000	OK
1440 minute summer	S26	780	185.395	0.018	0.7	0.0261	0.0000	OK
1440 minute summer	FC1	810	188.302	0.052	0.2	0.0665	0.0000	OK
1440 minute summer	FC2	810	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S16	32.015	J38	6.8	0.808	0.021	0.0204	
1440 minute summer	S17	23.001	J20	0.9	0.533	0.148	0.0118	
1440 minute summer	S18	23.006	J24	2.4	0.388	0.074	0.0339	
1440 minute summer	S19	23.010	J27	3.7	0.469	0.122	0.2952	
1440 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
1440 minute summer	S21	48.004	J43	1.2	0.401	0.090	0.0153	
1440 minute summer	S22	48.008	J46	2.5	0.374	0.080	0.0163	
1440 minute summer	S23	48.011	J48	3.6	0.423	0.117	0.0096	
1440 minute summer	S24	48.018	J56	6.7	0.455	0.125	0.0625	
1440 minute summer	S25	48.021	BASIN 4	7.6	0.594	0.142	0.0491	
1440 minute summer	S26	65.001	J54	0.7	0.526	0.068	0.0115	
1440 minute summer	FC1	2.000	J1	0.2	0.210	0.032	0.0053	
1440 minute summer	FC1	Infiltration		0.0				0.0
1440 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
1440 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC3	780	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
1440 minute summer	FC4	780	188.251	0.051	0.2	0.0633	0.0000	OK
1440 minute summer	FC5	810	188.052	0.052	0.2	0.0672	0.0000	OK
1440 minute summer	FC6	780	187.900	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC7	780	187.801	0.051	0.2	0.0637	0.0000	OK
1440 minute summer	FC8	810	187.800	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC9	780	187.522	0.052	0.2	0.0650	0.0000	OK
1440 minute summer	FC10	780	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
1440 minute summer	FC3	Infiltration		0.0				0.0
1440 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
1440 minute summer	FC4	Infiltration		0.0				0.0
1440 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
1440 minute summer	FC5	Infiltration		0.0				0.0
1440 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
1440 minute summer	FC6	Infiltration		0.0				0.0
1440 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
1440 minute summer	FC7	Infiltration		0.0				0.0
1440 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
1440 minute summer	FC8	Infiltration		0.0				0.0
1440 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
1440 minute summer	FC9	Infiltration		0.0				0.0
1440 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC11	810	187.372	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC12	810	187.282	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC13	810	187.052	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC14	810	186.948	0.048	0.2	0.6095	0.0000	OK
1440 minute summer	FC15	780	187.250	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC16	780	186.952	0.052	0.2	0.0645	0.0000	OK
1440 minute summer	FC17	780	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC10	Infiltration		0.0				0.0
1440 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
1440 minute summer	FC11	Infiltration		0.0				0.0
1440 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
1440 minute summer	FC12	Infiltration		0.0				0.0
1440 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
1440 minute summer	FC13	Infiltration		0.0				0.0
1440 minute summer	FC14	15.000	J13	0.2	0.343	0.032	0.0042	
1440 minute summer	FC14	Infiltration		0.0				0.0
1440 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
1440 minute summer	FC15	Infiltration		0.0				0.0
1440 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
1440 minute summer	FC16	Infiltration		0.0				0.0
1440 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
1440 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC18	780	186.602	0.052	0.2	0.0650	0.0000	OK
1440 minute summer	FC19	810	186.452	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC20	810	187.000	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC21	810	186.352	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC22	780	186.496	0.046	0.2	0.4408	0.0000	OK
1440 minute summer	FC23	780	186.350	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC24	810	186.350	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC25	810	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
1440 minute summer	FC18	Infiltration		0.0				0.0
1440 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
1440 minute summer	FC19	Infiltration		0.0				0.0
1440 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
1440 minute summer	FC20	Infiltration		0.0				0.0
1440 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
1440 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.2	0.224	0.012	0.0047	
1440 minute summer	FC22	Infiltration		0.0				0.0
1440 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0015	
1440 minute summer	FC23	Infiltration		0.0				0.0
1440 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
1440 minute summer	FC24	Infiltration		0.0				0.0
1440 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	780	186.495	0.045	0.2	0.4555	0.0000	OK
1440 minute summer	FC27	780	186.550	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC28	810	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC29	810	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC30	810	186.800	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC31	780	186.500	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC32	780	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.2	0.596	0.014	0.0014	
1440 minute summer	FC26	Infiltration		0.0				0.0
1440 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0011	
1440 minute summer	FC27	Infiltration		0.0				0.0
1440 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
1440 minute summer	FC28	Infiltration		0.0				0.0
1440 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
1440 minute summer	FC29	Infiltration		0.0				0.0
1440 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
1440 minute summer	FC30	Infiltration		0.0				0.0
1440 minute summer	FC31	33.000	J28	0.2	0.215	0.022	0.0044	
1440 minute summer	FC31	Infiltration		0.0				0.0
1440 minute summer	FC32	34.000	J29	0.2	0.194	0.016	0.0049	
1440 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC33	810	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC34	810	186.502	0.052	0.2	0.0668	0.0000	OK
1440 minute summer	FC35	810	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC36	810	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC37	780	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
1440 minute summer	FC38	780	185.494	0.044	0.2	0.5247	0.0000	OK
1440 minute summer	FC39	780	185.500	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC40	810	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
1440 minute summer	FC33	Infiltration		0.0				0.0
1440 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
1440 minute summer	FC34	Infiltration		0.0				0.0
1440 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
1440 minute summer	FC35	Infiltration		0.0				0.0
1440 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
1440 minute summer	FC36	Infiltration		0.0				0.0
1440 minute summer	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
1440 minute summer	FC37	Infiltration		0.0				0.0
1440 minute summer	FC38	40.000	J34	0.2	0.569	0.015	0.0015	
1440 minute summer	FC38	Infiltration		0.0				0.0
1440 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
1440 minute summer	FC39	Infiltration		0.0				0.0
1440 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC41	810	184.900	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC42	810	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC43	810	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC44	720	184.610	0.010	0.2	0.0122	0.0000	OK
1440 minute summer	FC45	780	184.650	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC46	780	184.804	0.104	0.3	0.1400	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	810	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC40	Infiltration		0.0				0.0
1440 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
1440 minute summer	FC41	Infiltration		0.0				0.0
1440 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
1440 minute summer	FC42	Infiltration		0.0				0.0
1440 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
1440 minute summer	FC43	Infiltration		0.0				0.0
1440 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
1440 minute summer	FC44	Infiltration		0.0				0.0
1440 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
1440 minute summer	FC45	Infiltration		0.0				0.0
1440 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
1440 minute summer	FC46	Infiltration		0.0				0.0
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
1440 minute summer	FC48	50.000	J42	0.2	0.311	0.014	0.0036	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC49	810	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute summer	FC50	810	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute summer	FC51	810	184.902	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC52	810	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC53	810	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC54	780	185.300	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC55	780	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC48	Infiltration		0.0				0.0
1440 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
1440 minute summer	FC49	Infiltration		0.0				0.0
1440 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
1440 minute summer	FC50	Infiltration		0.0				0.0
1440 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
1440 minute summer	FC51	Infiltration		0.0				0.0
1440 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
1440 minute summer	FC52	Infiltration		0.0				0.0
1440 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
1440 minute summer	FC53	Infiltration		0.0				0.0
1440 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
1440 minute summer	FC54	Infiltration		0.0				0.0
1440 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
1440 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC56	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC57	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC58	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC59	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC60	810	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC61	810	185.350	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC62	780	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
1440 minute summer	FC63	780	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
1440 minute summer	FC56	Infiltration		0.0				0.0
1440 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
1440 minute summer	FC57	Infiltration		0.0				0.0
1440 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
1440 minute summer	FC58	Infiltration		0.0				0.0
1440 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
1440 minute summer	FC59	Infiltration		0.0				0.0
1440 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
1440 minute summer	FC60	Infiltration		0.0				0.0
1440 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
1440 minute summer	FC61	Infiltration		0.0				0.0
1440 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
1440 minute summer	FC62	Infiltration		0.0				0.0
1440 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC64	780	185.202	0.052	0.2	0.0648	0.0000	OK
1440 minute summer	FC65	810	185.200	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC66	810	185.051	0.051	0.2	0.0660	0.0000	OK
1440 minute summer	FC67	780	184.846	0.046	0.2	0.4726	0.0000	OK
1440 minute summer	FC68	780	184.600	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	J1	750	188.227	0.027	1.2	0.0395	0.0000	OK
1440 minute summer	J2	750	188.095	0.039	1.4	0.0435	0.0000	OK
1440 minute summer	J3	750	188.087	0.037	1.7	0.0414	0.0000	OK
1440 minute summer	J4	750	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC63	Infiltration		0.0				0.0
1440 minute summer	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
1440 minute summer	FC64	Infiltration		0.0				0.0
1440 minute summer	FC65	67.000	J55	0.2	0.257	0.021	0.0023	
1440 minute summer	FC65	Infiltration		0.0				0.0
1440 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
1440 minute summer	FC66	Infiltration		0.0				0.0
1440 minute summer	FC67	69.000	J56	0.2	0.333	0.031	0.0012	
1440 minute summer	FC67	Infiltration		0.0				0.0
1440 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
1440 minute summer	FC68	Infiltration		0.0				0.0
1440 minute summer	J1	1.001	J2	1.2	0.732	0.145	0.0082	
1440 minute summer	J2	1.002	J3	1.4	0.407	0.104	0.0036	
1440 minute summer	J3	1.003	J4	1.7	0.646	0.128	0.0052	
1440 minute summer	J4	1.004	J5	1.9	1.002	0.056	0.0067	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J5	750	187.934	0.024	2.1	0.0271	0.0000	OK
1440 minute summer	J6	750	187.682	0.032	2.3	0.0365	0.0000	OK
1440 minute summer	J7	750	187.566	0.041	2.5	0.0468	0.0000	OK
1440 minute summer	J8	750	187.548	0.027	2.7	0.0304	0.0000	OK
1440 minute summer	J9	750	187.319	0.044	2.9	0.0497	0.0000	OK
1440 minute summer	J10	750	187.295	0.025	3.2	0.0284	0.0000	OK
1440 minute summer	J11	750	187.156	0.035	3.4	0.0396	0.0000	OK
1440 minute summer	J12	750	186.853	0.044	4.9	0.0493	0.0000	OK
1440 minute summer	J13	750	186.697	0.070	5.1	0.0796	0.0000	OK
1440 minute summer	J14	750	186.689	0.067	5.3	0.0760	0.0000	OK
1440 minute summer	J15	750	186.678	0.061	5.5	0.0686	0.0000	OK
1440 minute summer	J16	750	186.650	0.045	5.7	0.0508	0.0000	OK
1440 minute summer	J17	750	186.313	0.029	5.9	0.0333	0.0000	OK
1440 minute summer	J18	750	186.162	0.037	6.8	0.0418	0.0000	OK
1440 minute summer	J19	750	186.100	0.073	7.0	0.0828	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J5	1.005	J6	2.1	0.922	0.055	0.0130	
1440 minute summer	J6	1.006	J7	2.3	0.895	0.081	0.0051	
1440 minute summer	J7	1.007	J8	2.5	0.673	0.082	0.0043	
1440 minute summer	J8	1.008	J9	2.7	0.678	0.030	0.0343	
1440 minute summer	J9	1.009	J10	2.9	0.766	0.088	0.0047	
1440 minute summer	J10	1.010	J11	3.2	1.019	0.025	0.0077	
1440 minute summer	J11	1.011	S2	3.4	0.528	0.053	0.0353	
1440 minute summer	J12	1.013	J13	4.9	0.950	0.073	0.0334	
1440 minute summer	J13	1.014	J14	5.1	0.418	0.090	0.0231	
1440 minute summer	J14	1.015	J15	5.3	0.482	0.094	0.0210	
1440 minute summer	J15	1.016	J16	5.5	0.659	0.103	0.0429	
1440 minute summer	J16	1.017	J17	5.7	0.925	0.040	0.0206	
1440 minute summer	J17	1.018	S3	5.9	0.842	0.019	0.0137	
1440 minute summer	J18	1.020	J19	6.8	0.766	0.024	0.0136	
1440 minute summer	J19	1.021	S4	7.0	0.585	0.127	0.0525	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	750	186.061	0.030	1.1	0.0343	0.0000	OK
1440 minute summer	J21	750	186.041	0.032	1.3	0.0359	0.0000	OK
1440 minute summer	J22	750	185.999	0.036	1.5	0.0408	0.0000	OK
1440 minute summer	J23	750	185.979	0.037	1.7	0.0417	0.0000	OK
1440 minute summer	J24	960	185.927	0.110	2.6	0.1245	0.0000	OK
1440 minute summer	J25	960	185.927	0.131	2.8	0.1482	0.0000	OK
1440 minute summer	J26	960	185.927	0.148	3.0	0.1674	0.0000	OK
1440 minute summer	J27	960	185.927	0.191	3.9	0.2159	0.0000	OK
1440 minute summer	J28	750	186.383	0.027	0.9	0.0300	0.0000	OK
1440 minute summer	J29	750	186.302	0.031	1.1	0.0346	0.0000	OK
1440 minute summer	J30	750	186.191	0.044	2.2	0.0493	0.0000	OK
1440 minute summer	J31	750	186.088	0.044	2.4	0.0502	0.0000	OK
1440 minute summer	J32	750	186.055	0.044	2.6	0.0496	0.0000	OK
1440 minute summer	J33	750	185.564	0.029	3.6	0.0324	0.0000	OK
1440 minute summer	J34	750	185.179	0.054	4.6	0.0615	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.1	0.410	0.080	0.0099	
1440 minute summer	J21	23.003	J22	1.3	0.429	0.095	0.0239	
1440 minute summer	J22	23.004	J23	1.5	0.448	0.109	0.0119	
1440 minute summer	J23	23.005	S18	1.7	0.507	0.124	0.0245	
1440 minute summer	J24	23.007	J25	2.6	0.408	0.085	0.1337	
1440 minute summer	J25	23.008	J26	2.8	0.402	0.091	0.1282	
1440 minute summer	J26	23.009	S19	3.0	0.400	0.097	0.1076	
1440 minute summer	J27	23.011	S4	3.9	0.532	0.129	0.0874	
1440 minute summer	J28	32.001	J29	0.9	0.489	0.152	0.0163	
1440 minute summer	J29	32.002	S12	1.1	0.562	0.185	0.0091	
1440 minute summer	J30	32.004	J31	2.2	0.539	0.166	0.0203	
1440 minute summer	J31	32.005	J32	2.4	0.439	0.080	0.0533	
1440 minute summer	J32	32.006	S13	2.6	0.629	0.086	0.0222	
1440 minute summer	J33	32.008	S14	3.6	0.798	0.035	0.0417	
1440 minute summer	J34	32.010	J35	4.6	0.817	0.119	0.0511	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J35	750	185.110	0.035	4.8	0.0399	0.0000	OK
1440 minute summer	J36	750	184.933	0.058	5.0	0.0654	0.0000	OK
1440 minute summer	J37	750	184.561	0.061	6.0	0.0688	0.0000	OK
1440 minute summer	J38	750	184.376	0.076	7.0	0.0859	0.0000	OK
1440 minute summer	J39	750	184.345	0.071	7.2	0.0797	0.0000	OK
1440 minute summer	J40	750	184.323	0.058	7.4	0.0654	0.0000	OK
1440 minute summer	J41	780	184.612	0.015	0.3	0.0173	0.0000	OK
1440 minute summer	J42	780	184.557	0.020	0.5	0.0227	0.0000	OK
1440 minute summer	J43	750	184.417	0.037	1.4	0.0413	0.0000	OK
1440 minute summer	J44	750	184.406	0.036	1.6	0.0405	0.0000	OK
1440 minute summer	J45	750	184.360	0.040	1.8	0.0451	0.0000	OK
1440 minute summer	J46	750	184.274	0.051	2.7	0.0582	0.0000	OK
1440 minute summer	J47	750	184.265	0.058	2.9	0.0659	0.0000	OK
1440 minute summer	J48	750	184.252	0.058	3.8	0.0660	0.0000	OK
1440 minute summer	J49	750	184.237	0.068	4.0	0.0764	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J35	32.011	J36	4.8	0.807	0.054	0.0413	
1440 minute summer	J36	32.012	S15	5.0	0.788	0.166	0.0151	
1440 minute summer	J37	32.014	S16	6.0	0.890	0.108	0.0360	
1440 minute summer	J38	32.016	J39	7.0	0.525	0.129	0.1438	
1440 minute summer	J39	32.017	J40	7.2	0.651	0.131	0.0404	
1440 minute summer	J40	32.018	S10	7.4	0.807	0.074	0.0874	
1440 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0058	
1440 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0090	
1440 minute summer	J43	48.005	J44	1.4	0.429	0.100	0.0052	
1440 minute summer	J44	48.006	J45	1.6	0.460	0.120	0.0305	
1440 minute summer	J45	48.007	S22	1.8	0.508	0.133	0.0084	
1440 minute summer	J46	48.009	J47	2.7	0.361	0.088	0.0315	
1440 minute summer	J47	48.010	S23	2.9	0.341	0.096	0.0225	
1440 minute summer	J48	48.012	J49	3.8	0.419	0.127	0.0676	
1440 minute summer	J49	48.013	J50	4.0	0.413	0.130	0.0110	

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J50	750	184.230	0.065	4.2	0.0730	0.0000	OK
1440 minute summer	J51	750	184.218	0.069	4.4	0.0786	0.0000	OK
1440 minute summer	J52	750	184.209	0.065	4.7	0.0739	0.0000	OK
1440 minute summer	J53	750	184.191	0.063	4.9	0.0718	0.0000	OK
1440 minute summer	J54	780	185.157	0.028	0.9	0.0314	0.0000	OK
1440 minute summer	J55	780	185.121	0.026	1.1	0.0299	0.0000	OK
1440 minute summer	J56	750	184.085	0.078	6.9	0.0877	0.0000	OK
1440 minute summer	J57	750	184.064	0.079	7.1	0.0897	0.0000	OK
1440 minute summer	BASIN 1	960	185.927	1.002	11.5	121.6001	0.0000	SURCHARGED
1440 minute summer	BASIN 2	960	184.849	0.549	3.5	55.4898	0.0000	OK
1440 minute summer	BASIN 3	1680	183.458	0.357	9.5	336.7711	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J50	48.014	J51	4.2	0.425	0.141	0.0502	
1440 minute summer	J51	48.015	J52	4.4	0.441	0.144	0.0113	
1440 minute summer	J52	48.016	J53	4.7	0.502	0.154	0.0456	
1440 minute summer	J53	48.017	S24	4.9	0.578	0.162	0.0869	
1440 minute summer	J54	65.002	J55	0.9	0.526	0.152	0.0062	
1440 minute summer	J55	65.003	S24	1.1	0.678	0.145	0.0127	
1440 minute summer	J56	48.019	J57	6.9	0.470	0.127	0.1330	
1440 minute summer	J57	48.020	S25	7.1	0.486	0.130	0.0890	
1440 minute summer	BASIN 1	1.023	S5	3.4	0.092	0.041	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				7.3
1440 minute summer	BASIN 2	1.027	S7	3.4	0.556	0.042	0.1389	
1440 minute summer	BASIN 2	71.000	BH1	0.4	0.396	0.075	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
1440 minute summer	BASIN 3	1.034	BH2	1.1	0.310	0.009	1.5911	
1440 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	BASIN 4	1410	183.873	0.543	8.4	162.5597	0.0000	SURCHARGED
1440 minute summer	SWALE 1	960	184.925	0.051	3.4	0.0736	0.0000	OK
1440 minute summer	SWALE 2	960	184.427	0.052	3.4	0.0743	0.0000	OK
1440 minute summer	SWALE 3	750	184.061	0.066	8.4	0.0946	0.0000	OK
1440 minute summer	BH1	960	184.848	0.771	0.4	3.0388	0.0000	OK
1440 minute summer	BH2	1680	183.458	0.374	1.1	3.4660	0.0000	OK
1440 minute summer	BH3	1410	183.873	0.554	0.3	4.1905	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	BASIN 4	48.022	BH3	0.3	0.238	0.006	0.3211	
1440 minute summer	BASIN 4	Infiltration		0.0				0.0
1440 minute summer	SWALE 1	1.025	S6	3.4	0.371	0.042	0.3522	
1440 minute summer	SWALE 2	1.029	S8	3.4	0.533	0.042	0.1710	
1440 minute summer	SWALE 3	1.033	BASIN 3	8.4	0.653	0.067	0.5540	
1440 minute summer	BH1	Infiltration		0.1				8.4
1440 minute summer	BH2	Infiltration		0.2				7.8
1440 minute summer	BH3	Infiltration		0.2				15.0

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	630	188.383	0.013	0.3	0.0188	0.0000	OK
1440 minute winter	S2	750	187.093	0.054	3.4	0.0933	0.0000	OK
1440 minute winter	S3	750	186.192	0.055	4.7	0.0726	0.0000	OK
1440 minute winter	S4	1020	185.894	0.515	8.3	0.6608	0.0000	SURCHARGED
1440 minute winter	S5	1020	185.893	0.983	3.4	1.4069	0.0000	SURCHARGED
1440 minute winter	S6	1020	184.861	0.053	3.4	0.0760	0.0000	OK
1440 minute winter	S7	1050	184.787	0.028	3.4	0.0398	0.0000	OK
1440 minute winter	S8	1050	184.360	0.030	3.4	0.0426	0.0000	OK
1440 minute winter	S9	930	184.175	0.050	3.4	0.0714	0.0000	OK
1440 minute winter	S10	810	184.154	0.041	7.7	0.0751	0.0000	OK
1440 minute winter	S11	690	186.418	0.018	0.4	0.0282	0.0000	OK
1440 minute winter	S12	780	186.208	0.032	1.2	0.0469	0.0000	OK
1440 minute winter	S13	780	186.017	0.024	2.2	0.0354	0.0000	OK
1440 minute winter	S14	780	185.214	0.039	2.9	0.0610	0.0000	OK
1440 minute winter	S15	780	184.899	0.032	3.8	0.0505	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0075	
1440 minute winter	S2	1.012	J12	3.4	0.514	0.114	0.0099	
1440 minute winter	S3	1.019	J18	4.7	0.774	0.088	0.0317	
1440 minute winter	S4	1.022	BASIN 1	8.1	0.826	0.049	1.1778	
1440 minute winter	S5	1.024	SWALE 1	3.4	0.372	0.041	0.1850	
1440 minute winter	S6	1.026	BASIN 2	3.4	0.434	0.039	0.0530	
1440 minute winter	S7	1.028	SWALE 2	3.4	0.548	0.011	0.1065	
1440 minute winter	S8	1.030	S9	3.4	0.571	0.013	0.0759	
1440 minute winter	S9	1.031	S10	3.4	0.569	0.040	0.0497	
1440 minute winter	S10	1.032	SWALE 3	7.7	0.830	0.023	0.0411	
1440 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
1440 minute winter	S12	32.003	J30	1.2	0.419	0.090	0.0146	
1440 minute winter	S13	32.007	J33	2.2	0.997	0.022	0.0287	
1440 minute winter	S14	32.009	J34	2.9	0.579	0.057	0.0263	
1440 minute winter	S15	32.013	J37	3.8	1.125	0.041	0.0315	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	780	184.512	0.025	4.5	0.0380	0.0000	OK
1440 minute winter	S17	780	186.172	0.022	0.6	0.0350	0.0000	OK
1440 minute winter	S18	1020	185.894	0.070	1.7	0.1034	0.0000	OK
1440 minute winter	S19	1020	185.894	0.128	2.7	0.1839	0.0000	OK
1440 minute winter	S20	720	184.655	0.013	0.2	0.0145	0.0000	OK
1440 minute winter	S21	780	184.436	0.027	0.9	0.0357	0.0000	OK
1440 minute winter	S22	780	184.272	0.041	1.8	0.0532	0.0000	OK
1440 minute winter	S23	780	184.249	0.051	2.5	0.0654	0.0000	OK
1440 minute winter	S24	780	184.084	0.067	4.9	0.0885	0.0000	OK
1440 minute winter	S25	780	184.035	0.065	5.5	0.0905	0.0000	OK
1440 minute winter	S26	750	185.392	0.015	0.5	0.0221	0.0000	OK
1440 minute winter	FC1	780	188.302	0.052	0.2	0.0665	0.0000	OK
1440 minute winter	FC2	780	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S16	32.015	J38	4.5	0.716	0.014	0.0153	
1440 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0090	
1440 minute winter	S18	23.006	J24	1.7	0.366	0.053	0.0206	
1440 minute winter	S19	23.010	J27	2.7	0.432	0.090	0.2355	
1440 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
1440 minute winter	S21	48.004	J43	0.9	0.371	0.068	0.0124	
1440 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0121	
1440 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0072	
1440 minute winter	S24	48.018	J56	4.9	0.426	0.092	0.0489	
1440 minute winter	S25	48.021	BASIN 4	5.5	0.545	0.103	0.0389	
1440 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
1440 minute winter	FC1	2.000	J1	0.2	0.227	0.032	0.0043	
1440 minute winter	FC1	Infiltration		0.0				0.0
1440 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
1440 minute winter	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC3	780	188.252	0.052	0.2	0.0697	0.0000	OK
1440 minute winter	FC4	840	188.222	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC5	780	188.052	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC6	630	187.872	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC7	570	187.772	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC8	780	187.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC9	570	187.492	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC10	720	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
1440 minute winter	FC3	Infiltration		0.0				0.0
1440 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
1440 minute winter	FC4	Infiltration		0.0				0.0
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
1440 minute winter	FC5	Infiltration		0.0				0.0
1440 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
1440 minute winter	FC6	Infiltration		0.0				0.0
1440 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
1440 minute winter	FC7	Infiltration		0.0				0.0
1440 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
1440 minute winter	FC8	Infiltration		0.0				0.0
1440 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
1440 minute winter	FC9	Infiltration		0.0				0.0
1440 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC11	780	187.372	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC12	780	187.282	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC13	780	187.052	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC14	780	186.944	0.044	0.2	0.5571	0.0000	OK
1440 minute winter	FC15	540	187.222	0.022	0.1	0.0274	0.0000	OK
1440 minute winter	FC16	840	186.922	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC17	540	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC10	Infiltration		0.0				0.0
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
1440 minute winter	FC11	Infiltration		0.0				0.0
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
1440 minute winter	FC12	Infiltration		0.0				0.0
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
1440 minute winter	FC13	Infiltration		0.0				0.0
1440 minute winter	FC14	15.000	J13	0.2	0.337	0.030	0.0040	
1440 minute winter	FC14	Infiltration		0.0				0.0
1440 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
1440 minute winter	FC15	Infiltration		0.0				0.0
1440 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
1440 minute winter	FC16	Infiltration		0.0				0.0
1440 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
1440 minute winter	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC18	540	186.572	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC19	780	186.452	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC20	780	187.000	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC21	780	186.352	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC22	870	186.472	0.022	0.1	0.2129	0.0000	OK
1440 minute winter	FC23	930	186.322	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC24	780	186.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC25	780	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
1440 minute winter	FC18	Infiltration		0.0				0.0
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
1440 minute winter	FC19	Infiltration		0.0				0.0
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
1440 minute winter	FC20	Infiltration		0.0				0.0
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
1440 minute winter	FC21	Infiltration		0.0				0.0
1440 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0035	
1440 minute winter	FC22	Infiltration		0.0				0.0
1440 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
1440 minute winter	FC23	Infiltration		0.0				0.0
1440 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
1440 minute winter	FC24	Infiltration		0.0				0.0
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC26	750	186.472	0.022	0.1	0.2216	0.0000	OK
1440 minute winter	FC27	540	186.522	0.022	0.1	0.0273	0.0000	OK
1440 minute winter	FC28	780	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC29	780	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC30	780	186.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC31	750	186.472	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC32	630	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC25	Infiltration		0.0				0.0
1440 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
1440 minute winter	FC26	Infiltration		0.0				0.0
1440 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
1440 minute winter	FC27	Infiltration		0.0				0.0
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
1440 minute winter	FC28	Infiltration		0.0				0.0
1440 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
1440 minute winter	FC29	Infiltration		0.0				0.0
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
1440 minute winter	FC30	Infiltration		0.0				0.0
1440 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
1440 minute winter	FC31	Infiltration		0.0				0.0
1440 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
1440 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC33	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC34	780	186.502	0.052	0.2	0.0668	0.0000	OK
1440 minute winter	FC35	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC36	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC37	720	185.850	0.050	0.2	0.0678	0.0000	OK
1440 minute winter	FC38	660	185.472	0.022	0.1	0.2638	0.0000	OK
1440 minute winter	FC39	600	185.472	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC40	780	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
1440 minute winter	FC33	Infiltration		0.0				0.0
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
1440 minute winter	FC34	Infiltration		0.0				0.0
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
1440 minute winter	FC35	Infiltration		0.0				0.0
1440 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
1440 minute winter	FC36	Infiltration		0.0				0.0
1440 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
1440 minute winter	FC37	Infiltration		0.0				0.0
1440 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
1440 minute winter	FC38	Infiltration		0.0				0.0
1440 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
1440 minute winter	FC39	Infiltration		0.0				0.0
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC41	780	184.900	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC42	780	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC43	780	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC44	510	184.607	0.007	0.1	0.0088	0.0000	OK
1440 minute winter	FC45	570	184.622	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC46	750	184.752	0.052	0.2	0.0702	0.0000	OK
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	780	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC40	Infiltration		0.0				0.0
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
1440 minute winter	FC41	Infiltration		0.0				0.0
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
1440 minute winter	FC42	Infiltration		0.0				0.0
1440 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
1440 minute winter	FC43	Infiltration		0.0				0.0
1440 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
1440 minute winter	FC44	Infiltration		0.0				0.0
1440 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
1440 minute winter	FC45	Infiltration		0.0				0.0
1440 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
1440 minute winter	FC46	Infiltration		0.0				0.0
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
1440 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC49	780	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC50	780	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC51	780	184.902	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC52	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC53	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC54	750	185.272	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC55	840	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC48	Infiltration		0.0				0.0
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
1440 minute winter	FC49	Infiltration		0.0				0.0
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
1440 minute winter	FC50	Infiltration		0.0				0.0
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
1440 minute winter	FC51	Infiltration		0.0				0.0
1440 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
1440 minute winter	FC52	Infiltration		0.0				0.0
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
1440 minute winter	FC53	Infiltration		0.0				0.0
1440 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
1440 minute winter	FC54	Infiltration		0.0				0.0
1440 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
1440 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC56	540	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC57	690	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC58	600	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC59	570	185.372	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC60	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC61	780	185.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC62	720	185.301	0.050	0.2	0.0682	0.0000	OK
1440 minute winter	FC63	600	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
1440 minute winter	FC56	Infiltration		0.0				0.0
1440 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
1440 minute winter	FC57	Infiltration		0.0				0.0
1440 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
1440 minute winter	FC58	Infiltration		0.0				0.0
1440 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
1440 minute winter	FC59	Infiltration		0.0				0.0
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
1440 minute winter	FC60	Infiltration		0.0				0.0
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
1440 minute winter	FC61	Infiltration		0.0				0.0
1440 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
1440 minute winter	FC62	Infiltration		0.0				0.0
1440 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC64	960	185.172	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	FC65	780	185.200	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC66	780	185.051	0.051	0.2	0.0660	0.0000	OK
1440 minute winter	FC67	630	184.822	0.022	0.1	0.2262	0.0000	OK
1440 minute winter	FC68	660	184.572	0.022	0.1	0.0275	0.0000	OK
1440 minute winter	J1	780	188.222	0.022	0.8	0.0320	0.0000	OK
1440 minute winter	J2	780	188.088	0.032	1.0	0.0362	0.0000	OK
1440 minute winter	J3	780	188.081	0.031	1.2	0.0348	0.0000	OK
1440 minute winter	J4	780	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC63	Infiltration		0.0				0.0
1440 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
1440 minute winter	FC64	Infiltration		0.0				0.0
1440 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0019	
1440 minute winter	FC65	Infiltration		0.0				0.0
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
1440 minute winter	FC66	Infiltration		0.0				0.0
1440 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
1440 minute winter	FC67	Infiltration		0.0				0.0
1440 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
1440 minute winter	FC68	Infiltration		0.0				0.0
1440 minute winter	J1	1.001	J2	0.8	0.654	0.096	0.0061	
1440 minute winter	J2	1.002	J3	1.0	0.374	0.074	0.0028	
1440 minute winter	J3	1.003	J4	1.2	0.594	0.090	0.0040	
1440 minute winter	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J5	780	187.930	0.020	1.5	0.0230	0.0000	OK
1440 minute winter	J6	780	187.677	0.027	1.6	0.0300	0.0000	OK
1440 minute winter	J7	780	187.558	0.033	1.7	0.0376	0.0000	OK
1440 minute winter	J8	780	187.544	0.023	1.9	0.0258	0.0000	OK
1440 minute winter	J9	780	187.312	0.037	2.0	0.0415	0.0000	OK
1440 minute winter	J10	780	187.291	0.021	2.2	0.0233	0.0000	OK
1440 minute winter	J11	780	187.151	0.030	2.4	0.0335	0.0000	OK
1440 minute winter	J12	750	186.846	0.037	3.6	0.0420	0.0000	OK
1440 minute winter	J13	750	186.687	0.060	3.8	0.0678	0.0000	OK
1440 minute winter	J14	750	186.679	0.057	3.9	0.0649	0.0000	OK
1440 minute winter	J15	750	186.669	0.052	4.0	0.0588	0.0000	OK
1440 minute winter	J16	750	186.643	0.038	4.1	0.0427	0.0000	OK
1440 minute winter	J17	750	186.307	0.024	4.2	0.0275	0.0000	OK
1440 minute winter	J18	750	186.155	0.030	4.9	0.0338	0.0000	OK
1440 minute winter	J19	750	186.090	0.063	5.1	0.0707	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J5	1.005	J6	1.5	0.856	0.039	0.0100	
1440 minute winter	J6	1.006	J7	1.6	0.814	0.056	0.0039	
1440 minute winter	J7	1.007	J8	1.7	0.600	0.055	0.0032	
1440 minute winter	J8	1.008	J9	1.9	0.616	0.021	0.0266	
1440 minute winter	J9	1.009	J10	2.0	0.700	0.061	0.0036	
1440 minute winter	J10	1.010	J11	2.2	0.915	0.017	0.0059	
1440 minute winter	J11	1.011	S2	2.4	0.481	0.037	0.0278	
1440 minute winter	J12	1.013	J13	3.6	0.873	0.054	0.0267	
1440 minute winter	J13	1.014	J14	3.8	0.389	0.067	0.0184	
1440 minute winter	J14	1.015	J15	3.9	0.442	0.069	0.0168	
1440 minute winter	J15	1.016	J16	4.0	0.604	0.074	0.0340	
1440 minute winter	J16	1.017	J17	4.1	0.845	0.029	0.0162	
1440 minute winter	J17	1.018	S3	4.2	0.765	0.013	0.0108	
1440 minute winter	J18	1.020	J19	4.9	0.711	0.017	0.0106	
1440 minute winter	J19	1.021	S4	5.1	0.533	0.092	0.0418	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J20	720	186.055	0.024	0.7	0.0273	0.0000	OK
1440 minute winter	J21	780	186.035	0.026	0.9	0.0298	0.0000	OK
1440 minute winter	J22	780	185.994	0.031	1.1	0.0347	0.0000	OK
1440 minute winter	J23	780	185.973	0.031	1.2	0.0353	0.0000	OK
1440 minute winter	J24	1020	185.894	0.077	1.8	0.0869	0.0000	OK
1440 minute winter	J25	1020	185.894	0.098	2.0	0.1105	0.0000	OK
1440 minute winter	J26	1020	185.894	0.115	2.2	0.1297	0.0000	OK
1440 minute winter	J27	1020	185.894	0.158	2.9	0.1781	0.0000	OK
1440 minute winter	J28	720	186.376	0.020	0.5	0.0222	0.0000	OK
1440 minute winter	J29	810	186.293	0.022	0.6	0.0251	0.0000	OK
1440 minute winter	J30	780	186.181	0.034	1.4	0.0389	0.0000	OK
1440 minute winter	J31	780	186.080	0.036	1.6	0.0407	0.0000	OK
1440 minute winter	J32	780	186.048	0.037	1.8	0.0417	0.0000	OK
1440 minute winter	J33	780	185.559	0.024	2.4	0.0267	0.0000	OK
1440 minute winter	J34	780	185.169	0.044	3.0	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J20	23.002	J21	0.7	0.361	0.052	0.0074	
1440 minute winter	J21	23.003	J22	0.9	0.387	0.067	0.0187	
1440 minute winter	J22	23.004	J23	1.1	0.420	0.081	0.0094	
1440 minute winter	J23	23.005	S18	1.2	0.463	0.090	0.0194	
1440 minute winter	J24	23.007	J25	1.8	0.373	0.060	0.0880	
1440 minute winter	J25	23.008	J26	2.0	0.373	0.066	0.0915	
1440 minute winter	J26	23.009	S19	2.2	0.377	0.072	0.0807	
1440 minute winter	J27	23.011	S4	2.9	0.494	0.097	0.0729	
1440 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
1440 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
1440 minute winter	J30	32.004	J31	1.4	0.476	0.106	0.0146	
1440 minute winter	J31	32.005	J32	1.6	0.385	0.053	0.0405	
1440 minute winter	J32	32.006	S13	1.8	0.568	0.060	0.0170	
1440 minute winter	J33	32.008	S14	2.4	0.725	0.023	0.0306	
1440 minute winter	J34	32.010	J35	3.0	0.722	0.078	0.0380	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J35	780	185.104	0.029	3.1	0.0325	0.0000	OK
1440 minute winter	J36	780	184.922	0.047	3.3	0.0535	0.0000	OK
1440 minute winter	J37	780	184.551	0.051	4.0	0.0573	0.0000	OK
1440 minute winter	J38	780	184.362	0.062	4.7	0.0702	0.0000	OK
1440 minute winter	J39	780	184.332	0.058	4.9	0.0659	0.0000	OK
1440 minute winter	J40	780	184.312	0.047	5.0	0.0537	0.0000	OK
1440 minute winter	J41	720	184.610	0.013	0.2	0.0143	0.0000	OK
1440 minute winter	J42	780	184.555	0.018	0.4	0.0203	0.0000	OK
1440 minute winter	J43	780	184.412	0.032	1.1	0.0360	0.0000	OK
1440 minute winter	J44	780	184.401	0.031	1.2	0.0349	0.0000	OK
1440 minute winter	J45	780	184.354	0.034	1.3	0.0380	0.0000	OK
1440 minute winter	J46	780	184.264	0.041	1.9	0.0469	0.0000	OK
1440 minute winter	J47	780	184.254	0.047	2.0	0.0530	0.0000	OK
1440 minute winter	J48	780	184.242	0.048	2.7	0.0542	0.0000	OK
1440 minute winter	J49	780	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J35	32.011	J36	3.1	0.702	0.035	0.0309	
1440 minute winter	J36	32.012	S15	3.3	0.702	0.110	0.0113	
1440 minute winter	J37	32.014	S16	4.0	0.782	0.072	0.0275	
1440 minute winter	J38	32.016	J39	4.7	0.468	0.087	0.1087	
1440 minute winter	J39	32.017	J40	4.9	0.588	0.090	0.0306	
1440 minute winter	J40	32.018	S10	5.0	0.725	0.050	0.0660	
1440 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0047	
1440 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0077	
1440 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0043	
1440 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.0244	
1440 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0067	
1440 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.0232	
1440 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.0167	
1440 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.0518	
1440 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J50	780	184.219	0.054	3.1	0.0610	0.0000	OK
1440 minute winter	J51	780	184.206	0.058	3.2	0.0658	0.0000	OK
1440 minute winter	J52	780	184.199	0.055	3.4	0.0619	0.0000	OK
1440 minute winter	J53	780	184.180	0.053	3.5	0.0604	0.0000	OK
1440 minute winter	J54	720	185.151	0.022	0.6	0.0253	0.0000	OK
1440 minute winter	J55	780	185.116	0.022	0.8	0.0254	0.0000	OK
1440 minute winter	J56	780	184.072	0.065	5.0	0.0737	0.0000	OK
1440 minute winter	J57	780	184.052	0.067	5.1	0.0755	0.0000	OK
1440 minute winter	BASIN 1	1020	185.893	0.968	8.3	116.4785	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1050	184.848	0.548	3.5	55.4456	0.0000	OK
1440 minute winter	BASIN 3	1680	183.481	0.381	8.3	347.0480	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.0391	
1440 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0088	
1440 minute winter	J52	48.016	J53	3.4	0.465	0.111	0.0357	
1440 minute winter	J53	48.017	S24	3.5	0.528	0.116	0.0681	
1440 minute winter	J54	65.002	J55	0.6	0.463	0.101	0.0048	
1440 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
1440 minute winter	J56	48.019	J57	5.0	0.437	0.092	0.1040	
1440 minute winter	J57	48.020	S25	5.1	0.444	0.093	0.0702	
1440 minute winter	BASIN 1	1.023	S5	3.4	0.108	0.041	0.9418	
1440 minute winter	BASIN 1	Infiltration		0.1				7.7
1440 minute winter	BASIN 2	1.027	S7	3.4	0.553	0.041	0.1374	
1440 minute winter	BASIN 2	71.000	BH1	0.7	0.435	0.111	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
1440 minute winter	BASIN 3	1.034	BH2	1.1	0.407	0.009	1.6807	
1440 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1410	183.899	0.569	6.1	171.0022	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1020	184.925	0.051	3.4	0.0730	0.0000	OK
1440 minute winter	SWALE 2	1050	184.427	0.052	3.4	0.0738	0.0000	OK
1440 minute winter	SWALE 3	810	184.059	0.064	7.7	0.0909	0.0000	OK
1440 minute winter	BH1	1050	184.848	0.771	0.7	3.0377	0.0000	OK
1440 minute winter	BH2	1680	183.481	0.398	1.1	3.5841	0.0000	OK
1440 minute winter	BH3	1410	183.899	0.580	0.3	4.3130	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.3	0.271	0.006	0.3211	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
1440 minute winter	SWALE 1	1.025	S6	3.4	0.367	0.041	0.3478	
1440 minute winter	SWALE 2	1.029	S8	3.4	0.530	0.041	0.1692	
1440 minute winter	SWALE 3	1.033	BASIN 3	7.7	0.640	0.062	0.5218	
1440 minute winter	BH1	Infiltration		0.1				8.3
1440 minute winter	BH2	Infiltration		0.2				7.8
1440 minute winter	BH3	Infiltration		0.2				15.3

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S1	1140	188.385	0.015	0.4	0.0215	0.0000	OK
2160 minute summer	S2	1140	187.095	0.056	3.6	0.0962	0.0000	OK
2160 minute summer	S3	1140	186.193	0.056	5.0	0.0747	0.0000	OK
2160 minute summer	S4	1380	185.853	0.475	8.7	0.6089	0.0000	SURCHARGED
2160 minute summer	S5	1380	185.853	0.943	3.3	1.3490	0.0000	SURCHARGED
2160 minute summer	S6	1380	184.861	0.053	3.3	0.0752	0.0000	OK
2160 minute summer	S7	1380	184.787	0.028	3.3	0.0394	0.0000	OK
2160 minute summer	S8	1380	184.360	0.029	3.3	0.0422	0.0000	OK
2160 minute summer	S9	1320	184.174	0.049	3.3	0.0705	0.0000	OK
2160 minute summer	S10	1200	184.154	0.041	7.5	0.0739	0.0000	OK
2160 minute summer	S11	1140	186.420	0.020	0.5	0.0316	0.0000	OK
2160 minute summer	S12	1140	186.210	0.034	1.4	0.0509	0.0000	OK
2160 minute summer	S13	1140	186.018	0.025	2.5	0.0377	0.0000	OK
2160 minute summer	S14	1140	185.217	0.041	3.3	0.0653	0.0000	OK
2160 minute summer	S15	1140	184.901	0.034	4.3	0.0537	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S1	1.000	J1	0.4	0.375	0.046	0.0090	
2160 minute summer	S2	1.012	J12	3.6	0.521	0.121	0.0103	
2160 minute summer	S3	1.019	J18	5.0	0.787	0.093	0.0332	
2160 minute summer	S4	1.022	BASIN 1	8.6	0.694	0.051	1.1778	
2160 minute summer	S5	1.024	SWALE 1	3.3	0.370	0.040	0.1821	
2160 minute summer	S6	1.026	BASIN 2	3.3	0.429	0.038	0.0522	
2160 minute summer	S7	1.028	SWALE 2	3.3	0.544	0.011	0.1049	
2160 minute summer	S8	1.030	S9	3.3	0.565	0.013	0.0748	
2160 minute summer	S9	1.031	S10	3.3	0.560	0.040	0.0493	
2160 minute summer	S10	1.032	SWALE 3	7.5	0.824	0.023	0.0403	
2160 minute summer	S11	32.000	J28	0.5	0.424	0.084	0.0053	
2160 minute summer	S12	32.003	J30	1.4	0.438	0.105	0.0163	
2160 minute summer	S13	32.007	J33	2.5	1.039	0.026	0.0313	
2160 minute summer	S14	32.009	J34	3.3	0.601	0.065	0.0288	
2160 minute summer	S15	32.013	J37	4.3	1.166	0.047	0.0344	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S16	1140	184.514	0.026	5.1	0.0404	0.0000	OK
2160 minute summer	S17	1140	186.172	0.022	0.6	0.0350	0.0000	OK
2160 minute summer	S18	1140	185.864	0.040	1.7	0.0589	0.0000	OK
2160 minute summer	S19	1380	185.853	0.087	2.7	0.1257	0.0000	OK
2160 minute summer	S20	1200	184.655	0.013	0.2	0.0145	0.0000	OK
2160 minute summer	S21	1140	184.436	0.027	0.9	0.0357	0.0000	OK
2160 minute summer	S22	1140	184.272	0.041	1.8	0.0532	0.0000	OK
2160 minute summer	S23	1140	184.249	0.051	2.5	0.0654	0.0000	OK
2160 minute summer	S24	1140	184.084	0.067	4.9	0.0885	0.0000	OK
2160 minute summer	S25	1140	184.035	0.065	5.5	0.0905	0.0000	OK
2160 minute summer	S26	1140	185.392	0.015	0.5	0.0221	0.0000	OK
2160 minute summer	FC1	1140	188.302	0.052	0.2	0.0665	0.0000	OK
2160 minute summer	FC2	1140	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S16	32.015	J38	5.1	0.744	0.016	0.0167	
2160 minute summer	S17	23.001	J20	0.6	0.479	0.101	0.0090	
2160 minute summer	S18	23.006	J24	1.7	0.366	0.053	0.0085	
2160 minute summer	S19	23.010	J27	2.7	0.432	0.090	0.1561	
2160 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2160 minute summer	S21	48.004	J43	0.9	0.371	0.068	0.0124	
2160 minute summer	S22	48.008	J46	1.8	0.362	0.057	0.0121	
2160 minute summer	S23	48.011	J48	2.5	0.389	0.081	0.0072	
2160 minute summer	S24	48.018	J56	4.9	0.426	0.092	0.0489	
2160 minute summer	S25	48.021	BASIN 4	5.5	0.545	0.103	0.0389	
2160 minute summer	S26	65.001	J54	0.5	0.495	0.048	0.0087	
2160 minute summer	FC1	2.000	J1	0.2	0.211	0.032	0.0048	
2160 minute summer	FC1	Infiltration		0.0				0.0
2160 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2160 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC3	1200	188.252	0.052	0.2	0.0697	0.0000	OK
2160 minute summer	FC4	960	188.222	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC5	1140	188.052	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC6	1260	187.872	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC7	960	187.772	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC8	1140	187.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC9	1260	187.492	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC10	1200	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2160 minute summer	FC3	Infiltration		0.0				0.0
2160 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2160 minute summer	FC4	Infiltration		0.0				0.0
2160 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2160 minute summer	FC5	Infiltration		0.0				0.0
2160 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2160 minute summer	FC6	Infiltration		0.0				0.0
2160 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2160 minute summer	FC7	Infiltration		0.0				0.0
2160 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2160 minute summer	FC8	Infiltration		0.0				0.0
2160 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2160 minute summer	FC9	Infiltration		0.0				0.0
2160 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC11	1140	187.372	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC12	1140	187.282	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC13	1140	187.052	0.052	0.2	0.0670	0.0000	OK
2160 minute summer	FC14	1140	186.942	0.042	0.2	0.5326	0.0000	OK
2160 minute summer	FC15	960	187.222	0.022	0.1	0.0274	0.0000	OK
2160 minute summer	FC16	1020	186.922	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC17	1080	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC10	Infiltration		0.0				0.0
2160 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2160 minute summer	FC11	Infiltration		0.0				0.0
2160 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2160 minute summer	FC12	Infiltration		0.0				0.0
2160 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2160 minute summer	FC13	Infiltration		0.0				0.0
2160 minute summer	FC14	15.000	J13	0.2	0.334	0.029	0.0039	
2160 minute summer	FC14	Infiltration		0.0				0.0
2160 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2160 minute summer	FC15	Infiltration		0.0				0.0
2160 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2160 minute summer	FC16	Infiltration		0.0				0.0
2160 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2160 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC18	1260	186.572	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC19	1140	186.452	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC20	1140	187.000	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC21	1140	186.352	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC22	1320	186.472	0.022	0.1	0.2129	0.0000	OK
2160 minute summer	FC23	1200	186.322	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC24	1140	186.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC25	1140	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2160 minute summer	FC18	Infiltration		0.0				0.0
2160 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2160 minute summer	FC19	Infiltration		0.0				0.0
2160 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2160 minute summer	FC20	Infiltration		0.0				0.0
2160 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2160 minute summer	FC21	Infiltration		0.0				0.0
2160 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0035	
2160 minute summer	FC22	Infiltration		0.0				0.0
2160 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2160 minute summer	FC23	Infiltration		0.0				0.0
2160 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
2160 minute summer	FC24	Infiltration		0.0				0.0
2160 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC26	1140	186.472	0.022	0.1	0.2216	0.0000	OK
2160 minute summer	FC27	960	186.522	0.022	0.1	0.0273	0.0000	OK
2160 minute summer	FC28	1140	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC29	1140	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC30	1140	186.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC31	1080	186.472	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC32	960	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC25	Infiltration		0.0				0.0
2160 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2160 minute summer	FC26	Infiltration		0.0				0.0
2160 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2160 minute summer	FC27	Infiltration		0.0				0.0
2160 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2160 minute summer	FC28	Infiltration		0.0				0.0
2160 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2160 minute summer	FC29	Infiltration		0.0				0.0
2160 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2160 minute summer	FC30	Infiltration		0.0				0.0
2160 minute summer	FC31	33.000	J28	0.1	0.203	0.011	0.0032	
2160 minute summer	FC31	Infiltration		0.0				0.0
2160 minute summer	FC32	34.000	J29	0.1	0.182	0.008	0.0034	
2160 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC33	1140	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC34	1140	186.502	0.052	0.2	0.0668	0.0000	OK
2160 minute summer	FC35	1140	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC36	1140	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC37	1200	185.850	0.050	0.2	0.0678	0.0000	OK
2160 minute summer	FC38	1200	185.472	0.022	0.1	0.2638	0.0000	OK
2160 minute summer	FC39	1140	185.472	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC40	1140	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2160 minute summer	FC33	Infiltration		0.0				0.0
2160 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2160 minute summer	FC34	Infiltration		0.0				0.0
2160 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2160 minute summer	FC35	Infiltration		0.0				0.0
2160 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2160 minute summer	FC36	Infiltration		0.0				0.0
2160 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2160 minute summer	FC37	Infiltration		0.0				0.0
2160 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2160 minute summer	FC38	Infiltration		0.0				0.0
2160 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2160 minute summer	FC39	Infiltration		0.0				0.0
2160 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC41	1140	184.900	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC42	1140	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC43	1140	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC44	960	184.607	0.007	0.1	0.0088	0.0000	OK
2160 minute summer	FC45	960	184.622	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC46	1200	184.752	0.052	0.2	0.0702	0.0000	OK
2160 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	FC48	1140	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC40	Infiltration		0.0				0.0
2160 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2160 minute summer	FC41	Infiltration		0.0				0.0
2160 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2160 minute summer	FC42	Infiltration		0.0				0.0
2160 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2160 minute summer	FC43	Infiltration		0.0				0.0
2160 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2160 minute summer	FC44	Infiltration		0.0				0.0
2160 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2160 minute summer	FC45	Infiltration		0.0				0.0
2160 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2160 minute summer	FC46	Infiltration		0.0				0.0
2160 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2160 minute summer	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC49	1140	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC50	1140	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC51	1140	184.902	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC52	1140	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC53	1140	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC54	960	185.272	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC55	1320	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC48	Infiltration		0.0				0.0
2160 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2160 minute summer	FC49	Infiltration		0.0				0.0
2160 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2160 minute summer	FC50	Infiltration		0.0				0.0
2160 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2160 minute summer	FC51	Infiltration		0.0				0.0
2160 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2160 minute summer	FC52	Infiltration		0.0				0.0
2160 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2160 minute summer	FC53	Infiltration		0.0				0.0
2160 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2160 minute summer	FC54	Infiltration		0.0				0.0
2160 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2160 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC56	960	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC57	1200	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC58	960	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC59	1320	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC60	1140	185.400	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC61	1140	185.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC62	1200	185.301	0.050	0.2	0.0682	0.0000	OK
2160 minute summer	FC63	1320	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2160 minute summer	FC56	Infiltration		0.0				0.0
2160 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2160 minute summer	FC57	Infiltration		0.0				0.0
2160 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2160 minute summer	FC58	Infiltration		0.0				0.0
2160 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2160 minute summer	FC59	Infiltration		0.0				0.0
2160 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2160 minute summer	FC60	Infiltration		0.0				0.0
2160 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2160 minute summer	FC61	Infiltration		0.0				0.0
2160 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2160 minute summer	FC62	Infiltration		0.0				0.0
2160 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC64	960	185.172	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	FC65	1140	185.200	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC66	1140	185.051	0.051	0.2	0.0660	0.0000	OK
2160 minute summer	FC67	1200	184.822	0.022	0.1	0.2262	0.0000	OK
2160 minute summer	FC68	1080	184.572	0.022	0.1	0.0275	0.0000	OK
2160 minute summer	J1	1140	188.224	0.024	1.0	0.0359	0.0000	OK
2160 minute summer	J2	1140	188.091	0.035	1.2	0.0397	0.0000	OK
2160 minute summer	J3	1140	188.083	0.033	1.4	0.0375	0.0000	OK
2160 minute summer	J4	1140	188.062	0.023	1.5	0.0255	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC63	Infiltration		0.0				0.0
2160 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
2160 minute summer	FC64	Infiltration		0.0				0.0
2160 minute summer	FC65	67.000	J55	0.2	0.267	0.021	0.0019	
2160 minute summer	FC65	Infiltration		0.0				0.0
2160 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2160 minute summer	FC66	Infiltration		0.0				0.0
2160 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2160 minute summer	FC67	Infiltration		0.0				0.0
2160 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2160 minute summer	FC68	Infiltration		0.0				0.0
2160 minute summer	J1	1.001	J2	1.0	0.696	0.121	0.0072	
2160 minute summer	J2	1.002	J3	1.2	0.399	0.089	0.0031	
2160 minute summer	J3	1.003	J4	1.4	0.622	0.105	0.0044	
2160 minute summer	J4	1.004	J5	1.5	0.933	0.044	0.0057	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J5	1140	187.932	0.022	1.7	0.0244	0.0000	OK
2160 minute summer	J6	1140	187.678	0.028	1.8	0.0320	0.0000	OK
2160 minute summer	J7	1140	187.560	0.035	1.9	0.0396	0.0000	OK
2160 minute summer	J8	1140	187.545	0.024	2.1	0.0270	0.0000	OK
2160 minute summer	J9	1140	187.313	0.038	2.2	0.0434	0.0000	OK
2160 minute summer	J10	1140	187.292	0.022	2.4	0.0243	0.0000	OK
2160 minute summer	J11	1140	187.152	0.031	2.6	0.0348	0.0000	OK
2160 minute summer	J12	1140	186.847	0.038	3.8	0.0432	0.0000	OK
2160 minute summer	J13	1140	186.689	0.062	4.0	0.0696	0.0000	OK
2160 minute summer	J14	1140	186.681	0.059	4.1	0.0666	0.0000	OK
2160 minute summer	J15	1140	186.670	0.053	4.2	0.0602	0.0000	OK
2160 minute summer	J16	1140	186.644	0.039	4.3	0.0438	0.0000	OK
2160 minute summer	J17	1140	186.308	0.025	4.4	0.0281	0.0000	OK
2160 minute summer	J18	1140	186.156	0.031	5.2	0.0352	0.0000	OK
2160 minute summer	J19	1140	186.091	0.064	5.4	0.0727	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J5	1.005	J6	1.7	0.887	0.044	0.0109	
2160 minute summer	J6	1.006	J7	1.8	0.840	0.063	0.0042	
2160 minute summer	J7	1.007	J8	1.9	0.624	0.062	0.0035	
2160 minute summer	J8	1.008	J9	2.1	0.635	0.024	0.0284	
2160 minute summer	J9	1.009	J10	2.2	0.710	0.066	0.0038	
2160 minute summer	J10	1.010	J11	2.4	0.938	0.019	0.0063	
2160 minute summer	J11	1.011	S2	2.6	0.490	0.040	0.0291	
2160 minute summer	J12	1.013	J13	3.8	0.886	0.057	0.0277	
2160 minute summer	J13	1.014	J14	4.0	0.395	0.070	0.0191	
2160 minute summer	J14	1.015	J15	4.1	0.449	0.072	0.0174	
2160 minute summer	J15	1.016	J16	4.2	0.613	0.078	0.0352	
2160 minute summer	J16	1.017	J17	4.3	0.857	0.030	0.0168	
2160 minute summer	J17	1.018	S3	4.4	0.771	0.014	0.0112	
2160 minute summer	J18	1.020	J19	5.2	0.721	0.018	0.0111	
2160 minute summer	J19	1.021	S4	5.4	0.544	0.097	0.0435	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J20	1140	186.055	0.024	0.7	0.0273	0.0000	OK
2160 minute summer	J21	1140	186.035	0.026	0.9	0.0298	0.0000	OK
2160 minute summer	J22	1140	185.994	0.031	1.1	0.0347	0.0000	OK
2160 minute summer	J23	1140	185.973	0.031	1.2	0.0353	0.0000	OK
2160 minute summer	J24	1140	185.856	0.039	1.8	0.0441	0.0000	OK
2160 minute summer	J25	1380	185.854	0.058	2.0	0.0652	0.0000	OK
2160 minute summer	J26	1380	185.853	0.074	2.2	0.0841	0.0000	OK
2160 minute summer	J27	1380	185.853	0.117	2.9	0.1324	0.0000	OK
2160 minute summer	J28	1140	186.378	0.022	0.6	0.0244	0.0000	OK
2160 minute summer	J29	1140	186.295	0.024	0.7	0.0272	0.0000	OK
2160 minute summer	J30	1140	186.184	0.037	1.6	0.0417	0.0000	OK
2160 minute summer	J31	1140	186.082	0.038	1.8	0.0433	0.0000	OK
2160 minute summer	J32	1140	186.050	0.039	2.0	0.0438	0.0000	OK
2160 minute summer	J33	1140	185.560	0.025	2.7	0.0283	0.0000	OK
2160 minute summer	J34	1140	185.172	0.047	3.4	0.0531	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J20	23.002	J21	0.7	0.360	0.052	0.0074	
2160 minute summer	J21	23.003	J22	0.9	0.387	0.067	0.0187	
2160 minute summer	J22	23.004	J23	1.1	0.420	0.081	0.0094	
2160 minute summer	J23	23.005	S18	1.2	0.463	0.090	0.0194	
2160 minute summer	J24	23.007	J25	1.8	0.373	0.060	0.0381	
2160 minute summer	J25	23.008	J26	2.0	0.373	0.066	0.0483	
2160 minute summer	J26	23.009	S19	2.2	0.377	0.072	0.0475	
2160 minute summer	J27	23.011	S4	2.9	0.494	0.097	0.0520	
2160 minute summer	J28	32.001	J29	0.6	0.447	0.101	0.0119	
2160 minute summer	J29	32.002	S12	0.7	0.496	0.118	0.0066	
2160 minute summer	J30	32.004	J31	1.6	0.494	0.121	0.0161	
2160 minute summer	J31	32.005	J32	1.8	0.400	0.060	0.0438	
2160 minute summer	J32	32.006	S13	2.0	0.582	0.066	0.0184	
2160 minute summer	J33	32.008	S14	2.7	0.742	0.026	0.0336	
2160 minute summer	J34	32.010	J35	3.4	0.750	0.088	0.0414	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J35	1140	185.105	0.030	3.5	0.0344	0.0000	OK
2160 minute summer	J36	1140	184.925	0.050	3.7	0.0566	0.0000	OK
2160 minute summer	J37	1140	184.554	0.053	4.5	0.0605	0.0000	OK
2160 minute summer	J38	1140	184.366	0.066	5.3	0.0746	0.0000	OK
2160 minute summer	J39	1140	184.336	0.062	5.5	0.0697	0.0000	OK
2160 minute summer	J40	1140	184.315	0.050	5.6	0.0568	0.0000	OK
2160 minute summer	J41	1200	184.610	0.013	0.2	0.0143	0.0000	OK
2160 minute summer	J42	1140	184.555	0.018	0.4	0.0203	0.0000	OK
2160 minute summer	J43	1140	184.412	0.032	1.1	0.0360	0.0000	OK
2160 minute summer	J44	1140	184.401	0.031	1.2	0.0349	0.0000	OK
2160 minute summer	J45	1140	184.354	0.034	1.3	0.0380	0.0000	OK
2160 minute summer	J46	1140	184.264	0.041	1.9	0.0469	0.0000	OK
2160 minute summer	J47	1140	184.254	0.047	2.0	0.0530	0.0000	OK
2160 minute summer	J48	1140	184.242	0.048	2.7	0.0542	0.0000	OK
2160 minute summer	J49	1140	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J35	32.011	J36	3.5	0.731	0.039	0.0335	
2160 minute summer	J36	32.012	S15	3.7	0.723	0.123	0.0122	
2160 minute summer	J37	32.014	S16	4.5	0.811	0.082	0.0298	
2160 minute summer	J38	32.016	J39	5.3	0.485	0.098	0.1182	
2160 minute summer	J39	32.017	J40	5.5	0.608	0.101	0.0332	
2160 minute summer	J40	32.018	S10	5.6	0.748	0.056	0.0717	
2160 minute summer	J41	48.002	J42	0.2	0.295	0.034	0.0047	
2160 minute summer	J42	48.003	S21	0.4	0.425	0.068	0.0077	
2160 minute summer	J43	48.005	J44	1.1	0.413	0.079	0.0043	
2160 minute summer	J44	48.006	J45	1.2	0.433	0.090	0.0244	
2160 minute summer	J45	48.007	S22	1.3	0.465	0.096	0.0067	
2160 minute summer	J46	48.009	J47	1.9	0.346	0.062	0.0232	
2160 minute summer	J47	48.010	S23	2.0	0.316	0.066	0.0167	
2160 minute summer	J48	48.012	J49	2.7	0.389	0.090	0.0518	
2160 minute summer	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J50	1140	184.219	0.054	3.1	0.0610	0.0000	OK
2160 minute summer	J51	1140	184.206	0.058	3.2	0.0658	0.0000	OK
2160 minute summer	J52	1140	184.199	0.055	3.4	0.0619	0.0000	OK
2160 minute summer	J53	1140	184.180	0.053	3.5	0.0604	0.0000	OK
2160 minute summer	J54	1140	185.151	0.022	0.6	0.0253	0.0000	OK
2160 minute summer	J55	1140	185.116	0.022	0.8	0.0254	0.0000	OK
2160 minute summer	J56	1140	184.072	0.065	5.0	0.0737	0.0000	OK
2160 minute summer	J57	1140	184.052	0.067	5.1	0.0755	0.0000	OK
2160 minute summer	BASIN 1	1380	185.853	0.928	8.8	110.3406	0.0000	SURCHARGED
2160 minute summer	BASIN 2	1380	184.848	0.548	3.4	55.3859	0.0000	OK
2160 minute summer	BASIN 3	2400	183.582	0.482	8.1	391.0333	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J50	48.014	J51	3.1	0.403	0.104	0.0391	
2160 minute summer	J51	48.015	J52	3.2	0.411	0.104	0.0088	
2160 minute summer	J52	48.016	J53	3.4	0.465	0.111	0.0357	
2160 minute summer	J53	48.017	S24	3.5	0.528	0.116	0.0681	
2160 minute summer	J54	65.002	J55	0.6	0.461	0.101	0.0048	
2160 minute summer	J55	65.003	S24	0.8	0.621	0.105	0.0101	
2160 minute summer	J56	48.019	J57	5.0	0.437	0.092	0.1040	
2160 minute summer	J57	48.020	S25	5.1	0.444	0.093	0.0702	
2160 minute summer	BASIN 1	1.023	S5	3.3	0.096	0.040	0.9418	
2160 minute summer	BASIN 1	Infiltration		0.1				9.6
2160 minute summer	BASIN 2	1.027	S7	3.3	0.548	0.040	0.1353	
2160 minute summer	BASIN 2	71.000	BH1	0.3	0.297	0.055	0.1829	
2160 minute summer	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	2.1	0.265	0.017	1.8265	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	BASIN 4	1800	183.866	0.536	6.1	160.4531	0.0000	SURCHARGED
2160 minute summer	SWALE 1	1380	184.925	0.050	3.3	0.0722	0.0000	OK
2160 minute summer	SWALE 2	1380	184.426	0.051	3.3	0.0730	0.0000	OK
2160 minute summer	SWALE 3	1200	184.058	0.063	7.5	0.0898	0.0000	OK
2160 minute summer	BH1	1380	184.848	0.771	0.3	3.0362	0.0000	OK
2160 minute summer	BH2	2400	183.582	0.499	2.1	4.0833	0.0000	OK
2160 minute summer	BH3	1800	183.866	0.547	0.3	4.1598	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	BASIN 4	48.022	BH3	0.3	0.159	0.005	0.3211	
2160 minute summer	BASIN 4	Infiltration		0.0				0.0
2160 minute summer	SWALE 1	1.025	S6	3.3	0.365	0.040	0.3424	
2160 minute summer	SWALE 2	1.029	S8	3.3	0.525	0.040	0.1666	
2160 minute summer	SWALE 3	1.033	BASIN 3	7.5	0.636	0.060	0.5123	
2160 minute summer	BH1	Infiltration		0.1				11.6
2160 minute summer	BH2	Infiltration		0.2				12.1
2160 minute summer	BH3	Infiltration		0.2				19.7

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S1	1140	188.383	0.013	0.3	0.0188	0.0000	OK
2160 minute winter	S2	1140	187.086	0.047	2.6	0.0814	0.0000	OK
2160 minute winter	S3	1140	186.185	0.048	3.5	0.0636	0.0000	OK
2160 minute winter	S4	1440	185.820	0.442	5.7	0.5663	0.0000	SURCHARGED
2160 minute winter	S5	1440	185.820	0.909	3.3	1.3015	0.0000	SURCHARGED
2160 minute winter	S6	1440	184.860	0.052	3.3	0.0745	0.0000	OK
2160 minute winter	S7	1440	184.786	0.027	3.3	0.0391	0.0000	OK
2160 minute winter	S8	1500	184.359	0.029	3.3	0.0418	0.0000	OK
2160 minute winter	S9	1320	184.173	0.048	3.3	0.0692	0.0000	OK
2160 minute winter	S10	1200	184.152	0.039	7.0	0.0709	0.0000	OK
2160 minute winter	S11	1080	186.415	0.015	0.3	0.0243	0.0000	OK
2160 minute winter	S12	1020	186.203	0.027	0.9	0.0404	0.0000	OK
2160 minute winter	S13	1260	186.013	0.020	1.5	0.0295	0.0000	OK
2160 minute winter	S14	1200	185.208	0.033	2.1	0.0514	0.0000	OK
2160 minute winter	S15	1200	184.895	0.028	2.8	0.0434	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0070	
2160 minute winter	S2	1.012	J12	2.6	0.477	0.087	0.0082	
2160 minute winter	S3	1.019	J18	3.5	0.724	0.066	0.0256	
2160 minute winter	S4	1.022	BASIN 1	5.6	0.824	0.034	1.1778	
2160 minute winter	S5	1.024	SWALE 1	3.3	0.368	0.039	0.1796	
2160 minute winter	S6	1.026	BASIN 2	3.3	0.415	0.037	0.0515	
2160 minute winter	S7	1.028	SWALE 2	3.3	0.541	0.011	0.1036	
2160 minute winter	S8	1.030	S9	3.3	0.561	0.012	0.0729	
2160 minute winter	S9	1.031	S10	3.3	0.558	0.039	0.0472	
2160 minute winter	S10	1.032	SWALE 3	7.0	0.811	0.021	0.0381	
2160 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038	
2160 minute winter	S12	32.003	J30	0.9	0.395	0.067	0.0116	
2160 minute winter	S13	32.007	J33	1.5	0.897	0.015	0.0221	
2160 minute winter	S14	32.009	J34	2.1	0.529	0.041	0.0209	
2160 minute winter	S15	32.013	J37	2.8	1.029	0.030	0.0254	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S16	1200	184.509	0.022	3.3	0.0330	0.0000	OK
2160 minute winter	S17	1200	186.168	0.018	0.4	0.0286	0.0000	OK
2160 minute winter	S18	1320	185.856	0.032	1.1	0.0469	0.0000	OK
2160 minute winter	S19	1440	185.821	0.055	1.7	0.0786	0.0000	OK
2160 minute winter	S20	1200	184.655	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	S21	1140	184.431	0.022	0.6	0.0291	0.0000	OK
2160 minute winter	S22	1140	184.264	0.033	1.2	0.0427	0.0000	OK
2160 minute winter	S23	1140	184.239	0.041	1.7	0.0527	0.0000	OK
2160 minute winter	S24	1200	184.072	0.055	3.4	0.0729	0.0000	OK
2160 minute winter	S25	1200	184.025	0.055	3.9	0.0762	0.0000	OK
2160 minute winter	S26	1140	185.391	0.013	0.4	0.0199	0.0000	OK
2160 minute winter	FC1	1260	188.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC2	780	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S16	32.015	J38	3.3	0.660	0.010	0.0122	
2160 minute winter	S17	23.001	J20	0.4	0.426	0.067	0.0067	
2160 minute winter	S18	23.006	J24	1.1	0.325	0.034	0.0062	
2160 minute winter	S19	23.010	J27	1.7	0.385	0.057	0.0930	
2160 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2160 minute winter	S21	48.004	J43	0.6	0.341	0.045	0.0090	
2160 minute winter	S22	48.008	J46	1.2	0.331	0.038	0.0088	
2160 minute winter	S23	48.011	J48	1.7	0.363	0.055	0.0053	
2160 minute winter	S24	48.018	J56	3.4	0.388	0.064	0.0372	
2160 minute winter	S25	48.021	BASIN 4	3.9	0.497	0.073	0.0302	
2160 minute winter	S26	65.001	J54	0.4	0.457	0.039	0.0076	
2160 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0035	
2160 minute winter	FC1	Infiltration		0.0				0.0
2160 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2160 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC3	1200	188.252	0.052	0.2	0.0697	0.0000	OK
2160 minute winter	FC4	1080	188.222	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC5	1500	188.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC6	1140	187.872	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC7	1140	187.772	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC8	1200	187.772	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC9	1260	187.492	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC10	1200	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2160 minute winter	FC3	Infiltration		0.0				0.0
2160 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2160 minute winter	FC4	Infiltration		0.0				0.0
2160 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2160 minute winter	FC5	Infiltration		0.0				0.0
2160 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2160 minute winter	FC6	Infiltration		0.0				0.0
2160 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2160 minute winter	FC7	Infiltration		0.0				0.0
2160 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2160 minute winter	FC8	Infiltration		0.0				0.0
2160 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2160 minute winter	FC9	Infiltration		0.0				0.0
2160 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC11	1440	187.342	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC12	1320	187.252	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC13	1080	187.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC14	1080	186.922	0.022	0.1	0.2805	0.0000	OK
2160 minute winter	FC15	900	187.222	0.022	0.1	0.0274	0.0000	OK
2160 minute winter	FC16	1140	186.922	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC17	1380	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC10	Infiltration		0.0				0.0
2160 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2160 minute winter	FC11	Infiltration		0.0				0.0
2160 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2160 minute winter	FC12	Infiltration		0.0				0.0
2160 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2160 minute winter	FC13	Infiltration		0.0				0.0
2160 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2160 minute winter	FC14	Infiltration		0.0				0.0
2160 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2160 minute winter	FC15	Infiltration		0.0				0.0
2160 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2160 minute winter	FC16	Infiltration		0.0				0.0
2160 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2160 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC18	840	186.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC19	1140	186.422	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC20	780	186.972	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC21	780	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC22	1260	186.472	0.022	0.1	0.2129	0.0000	OK
2160 minute winter	FC23	960	186.322	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC24	900	186.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC25	780	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2160 minute winter	FC18	Infiltration		0.0				0.0
2160 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2160 minute winter	FC19	Infiltration		0.0				0.0
2160 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2160 minute winter	FC20	Infiltration		0.0				0.0
2160 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2160 minute winter	FC21	Infiltration		0.0				0.0
2160 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
2160 minute winter	FC22	Infiltration		0.0				0.0
2160 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2160 minute winter	FC23	Infiltration		0.0				0.0
2160 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2160 minute winter	FC24	Infiltration		0.0				0.0
2160 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC26	1140	186.472	0.022	0.1	0.2216	0.0000	OK
2160 minute winter	FC27	900	186.522	0.022	0.1	0.0273	0.0000	OK
2160 minute winter	FC28	780	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC29	780	186.522	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC30	960	186.772	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC31	1080	186.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC32	1140	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC25	Infiltration		0.0				0.0
2160 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2160 minute winter	FC26	Infiltration		0.0				0.0
2160 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2160 minute winter	FC27	Infiltration		0.0				0.0
2160 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2160 minute winter	FC28	Infiltration		0.0				0.0
2160 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2160 minute winter	FC29	Infiltration		0.0				0.0
2160 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2160 minute winter	FC30	Infiltration		0.0				0.0
2160 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
2160 minute winter	FC31	Infiltration		0.0				0.0
2160 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
2160 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC33	780	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC34	1440	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC35	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC36	780	186.472	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC37	1200	185.850	0.050	0.2	0.0678	0.0000	OK
2160 minute winter	FC38	1080	185.472	0.022	0.1	0.2638	0.0000	OK
2160 minute winter	FC39	1200	185.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC40	780	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2160 minute winter	FC33	Infiltration		0.0				0.0
2160 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2160 minute winter	FC34	Infiltration		0.0				0.0
2160 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2160 minute winter	FC35	Infiltration		0.0				0.0
2160 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2160 minute winter	FC36	Infiltration		0.0				0.0
2160 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2160 minute winter	FC37	Infiltration		0.0				0.0
2160 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2160 minute winter	FC38	Infiltration		0.0				0.0
2160 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2160 minute winter	FC39	Infiltration		0.0				0.0
2160 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC41	960	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC42	1080	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC43	1140	184.622	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC44	900	184.607	0.007	0.1	0.0088	0.0000	OK
2160 minute winter	FC45	960	184.622	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC46	1200	184.752	0.052	0.2	0.0702	0.0000	OK
2160 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC48	1320	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC40	Infiltration		0.0				0.0
2160 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2160 minute winter	FC41	Infiltration		0.0				0.0
2160 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2160 minute winter	FC42	Infiltration		0.0				0.0
2160 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2160 minute winter	FC43	Infiltration		0.0				0.0
2160 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2160 minute winter	FC44	Infiltration		0.0				0.0
2160 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2160 minute winter	FC45	Infiltration		0.0				0.0
2160 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2160 minute winter	FC46	Infiltration		0.0				0.0
2160 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2160 minute winter	FC48	50.000	J42	0.1	0.268	0.007	0.0024	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC49	960	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC50	1260	184.822	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC51	1440	184.872	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC52	840	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC53	1440	185.272	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC54	960	185.272	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC55	1020	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC48	Infiltration		0.0				0.0
2160 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2160 minute winter	FC49	Infiltration		0.0				0.0
2160 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2160 minute winter	FC50	Infiltration		0.0				0.0
2160 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2160 minute winter	FC51	Infiltration		0.0				0.0
2160 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2160 minute winter	FC52	Infiltration		0.0				0.0
2160 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2160 minute winter	FC53	Infiltration		0.0				0.0
2160 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2160 minute winter	FC54	Infiltration		0.0				0.0
2160 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2160 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC56	900	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC57	1380	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC58	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC59	900	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC60	900	185.372	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC61	1500	185.322	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC62	1200	185.301	0.050	0.2	0.0682	0.0000	OK
2160 minute winter	FC63	960	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2160 minute winter	FC56	Infiltration		0.0				0.0
2160 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2160 minute winter	FC57	Infiltration		0.0				0.0
2160 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2160 minute winter	FC58	Infiltration		0.0				0.0
2160 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2160 minute winter	FC59	Infiltration		0.0				0.0
2160 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2160 minute winter	FC60	Infiltration		0.0				0.0
2160 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2160 minute winter	FC61	Infiltration		0.0				0.0
2160 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2160 minute winter	FC62	Infiltration		0.0				0.0
2160 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC64	960	185.172	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC65	1140	185.172	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC66	1260	185.022	0.022	0.1	0.0284	0.0000	OK
2160 minute winter	FC67	1260	184.822	0.022	0.1	0.2262	0.0000	OK
2160 minute winter	FC68	1140	184.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	J1	1140	188.220	0.020	0.7	0.0299	0.0000	OK
2160 minute winter	J2	1140	188.085	0.029	0.8	0.0325	0.0000	OK
2160 minute winter	J3	1140	188.078	0.028	1.0	0.0319	0.0000	OK
2160 minute winter	J4	1140	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC63	Infiltration		0.0				0.0
2160 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
2160 minute winter	FC64	Infiltration		0.0				0.0
2160 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0014	
2160 minute winter	FC65	Infiltration		0.0				0.0
2160 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2160 minute winter	FC66	Infiltration		0.0				0.0
2160 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2160 minute winter	FC67	Infiltration		0.0				0.0
2160 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2160 minute winter	FC68	Infiltration		0.0				0.0
2160 minute winter	J1	1.001	J2	0.7	0.630	0.084	0.0056	
2160 minute winter	J2	1.002	J3	0.8	0.345	0.060	0.0024	
2160 minute winter	J3	1.003	J4	1.0	0.559	0.075	0.0035	
2160 minute winter	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J5	1140	187.928	0.018	1.2	0.0207	0.0000	OK
2160 minute winter	J6	1140	187.674	0.024	1.3	0.0269	0.0000	OK
2160 minute winter	J7	1140	187.555	0.030	1.4	0.0342	0.0000	OK
2160 minute winter	J8	1140	187.541	0.020	1.5	0.0230	0.0000	OK
2160 minute winter	J9	1140	187.308	0.033	1.6	0.0369	0.0000	OK
2160 minute winter	J10	1140	187.289	0.019	1.8	0.0211	0.0000	OK
2160 minute winter	J11	1140	187.148	0.027	1.9	0.0300	0.0000	OK
2160 minute winter	J12	1140	186.841	0.032	2.7	0.0363	0.0000	OK
2160 minute winter	J13	1140	186.679	0.052	2.8	0.0583	0.0000	OK
2160 minute winter	J14	1140	186.672	0.050	2.9	0.0564	0.0000	OK
2160 minute winter	J15	1140	186.663	0.046	3.0	0.0516	0.0000	OK
2160 minute winter	J16	1140	186.638	0.033	3.1	0.0372	0.0000	OK
2160 minute winter	J17	1140	186.305	0.022	3.2	0.0244	0.0000	OK
2160 minute winter	J18	1140	186.150	0.025	3.6	0.0281	0.0000	OK
2160 minute winter	J19	1140	186.080	0.053	3.7	0.0603	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J5	1.005	J6	1.2	0.801	0.031	0.0085	
2160 minute winter	J6	1.006	J7	1.3	0.771	0.046	0.0033	
2160 minute winter	J7	1.007	J8	1.4	0.574	0.046	0.0028	
2160 minute winter	J8	1.008	J9	1.5	0.574	0.017	0.0225	
2160 minute winter	J9	1.009	J10	1.6	0.649	0.048	0.0031	
2160 minute winter	J10	1.010	J11	1.8	0.872	0.014	0.0051	
2160 minute winter	J11	1.011	S2	1.9	0.451	0.030	0.0231	
2160 minute winter	J12	1.013	J13	2.7	0.806	0.040	0.0217	
2160 minute winter	J13	1.014	J14	2.8	0.356	0.049	0.0149	
2160 minute winter	J14	1.015	J15	2.9	0.403	0.051	0.0138	
2160 minute winter	J15	1.016	J16	3.0	0.555	0.056	0.0279	
2160 minute winter	J16	1.017	J17	3.1	0.785	0.022	0.0133	
2160 minute winter	J17	1.018	S3	3.2	0.709	0.010	0.0089	
2160 minute winter	J18	1.020	J19	3.6	0.671	0.013	0.0083	
2160 minute winter	J19	1.021	S4	3.7	0.493	0.067	0.0331	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J20	1200	186.051	0.020	0.5	0.0230	0.0000	OK
2160 minute winter	J21	1140	186.031	0.022	0.6	0.0245	0.0000	OK
2160 minute winter	J22	1320	185.987	0.024	0.7	0.0274	0.0000	OK
2160 minute winter	J23	1140	185.968	0.025	0.8	0.0288	0.0000	OK
2160 minute winter	J24	1320	185.849	0.032	1.2	0.0357	0.0000	OK
2160 minute winter	J25	1320	185.829	0.033	1.3	0.0376	0.0000	OK
2160 minute winter	J26	1440	185.821	0.042	1.4	0.0479	0.0000	OK
2160 minute winter	J27	1440	185.820	0.084	1.8	0.0950	0.0000	OK
2160 minute winter	J28	1020	186.374	0.018	0.4	0.0199	0.0000	OK
2160 minute winter	J29	1020	186.291	0.020	0.5	0.0229	0.0000	OK
2160 minute winter	J30	1020	186.176	0.029	1.0	0.0327	0.0000	OK
2160 minute winter	J31	1140	186.074	0.030	1.1	0.0338	0.0000	OK
2160 minute winter	J32	1260	186.042	0.031	1.2	0.0346	0.0000	OK
2160 minute winter	J33	1200	185.555	0.020	1.7	0.0227	0.0000	OK
2160 minute winter	J34	1200	185.163	0.038	2.2	0.0430	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J20	23.002	J21	0.5	0.335	0.037	0.0056	
2160 minute winter	J21	23.003	J22	0.6	0.354	0.045	0.0136	
2160 minute winter	J22	23.004	J23	0.7	0.367	0.052	0.0069	
2160 minute winter	J23	23.005	S18	0.8	0.413	0.060	0.0146	
2160 minute winter	J24	23.007	J25	1.2	0.342	0.040	0.0217	
2160 minute winter	J25	23.008	J26	1.3	0.343	0.043	0.0200	
2160 minute winter	J26	23.009	S19	1.4	0.340	0.046	0.0233	
2160 minute winter	J27	23.011	S4	1.8	0.436	0.060	0.0343	
2160 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091	
2160 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051	
2160 minute winter	J30	32.004	J31	1.0	0.433	0.075	0.0115	
2160 minute winter	J31	32.005	J32	1.1	0.348	0.037	0.0308	
2160 minute winter	J32	32.006	S13	1.2	0.499	0.040	0.0130	
2160 minute winter	J33	32.008	S14	1.7	0.661	0.016	0.0239	
2160 minute winter	J34	32.010	J35	2.2	0.654	0.057	0.0307	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J35	1200	185.100	0.025	2.3	0.0282	0.0000	OK
2160 minute winter	J36	1200	184.916	0.041	2.4	0.0460	0.0000	OK
2160 minute winter	J37	1200	184.544	0.044	2.9	0.0495	0.0000	OK
2160 minute winter	J38	1200	184.353	0.053	3.4	0.0596	0.0000	OK
2160 minute winter	J39	1200	184.324	0.050	3.5	0.0563	0.0000	OK
2160 minute winter	J40	1200	184.305	0.040	3.6	0.0455	0.0000	OK
2160 minute winter	J41	1200	184.610	0.013	0.2	0.0143	0.0000	OK
2160 minute winter	J42	1140	184.553	0.016	0.3	0.0176	0.0000	OK
2160 minute winter	J43	1140	184.405	0.025	0.7	0.0284	0.0000	OK
2160 minute winter	J44	1140	184.395	0.025	0.8	0.0283	0.0000	OK
2160 minute winter	J45	1200	184.348	0.028	0.9	0.0315	0.0000	OK
2160 minute winter	J46	1200	184.255	0.033	1.3	0.0378	0.0000	OK
2160 minute winter	J47	1140	184.245	0.038	1.4	0.0426	0.0000	OK
2160 minute winter	J48	1200	184.232	0.038	1.8	0.0433	0.0000	OK
2160 minute winter	J49	1200	184.213	0.044	1.9	0.0501	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J35	32.011	J36	2.3	0.644	0.026	0.0249	
2160 minute winter	J36	32.012	S15	2.4	0.635	0.080	0.0091	
2160 minute winter	J37	32.014	S16	2.9	0.703	0.053	0.0223	
2160 minute winter	J38	32.016	J39	3.4	0.426	0.063	0.0863	
2160 minute winter	J39	32.017	J40	3.5	0.530	0.064	0.0242	
2160 minute winter	J40	32.018	S10	3.6	0.660	0.036	0.0522	
2160 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0042	
2160 minute winter	J42	48.003	S21	0.3	0.392	0.051	0.0063	
2160 minute winter	J43	48.005	J44	0.7	0.362	0.050	0.0031	
2160 minute winter	J44	48.006	J45	0.8	0.384	0.060	0.0183	
2160 minute winter	J45	48.007	S22	0.9	0.419	0.066	0.0051	
2160 minute winter	J46	48.009	J47	1.3	0.324	0.042	0.0169	
2160 minute winter	J47	48.010	S23	1.4	0.303	0.046	0.0122	
2160 minute winter	J48	48.012	J49	1.8	0.361	0.060	0.0371	
2160 minute winter	J49	48.013	J50	1.9	0.357	0.062	0.0060	

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J50	1200	184.207	0.042	2.0	0.0478	0.0000	OK
2160 minute winter	J51	1200	184.195	0.047	2.1	0.0529	0.0000	OK
2160 minute winter	J52	1200	184.189	0.045	2.3	0.0504	0.0000	OK
2160 minute winter	J53	1140	184.171	0.044	2.4	0.0500	0.0000	OK
2160 minute winter	J54	1200	185.149	0.020	0.5	0.0231	0.0000	OK
2160 minute winter	J55	1200	185.113	0.019	0.6	0.0219	0.0000	OK
2160 minute winter	J56	1200	184.061	0.054	3.5	0.0610	0.0000	OK
2160 minute winter	J57	1200	184.041	0.056	3.6	0.0629	0.0000	OK
2160 minute winter	BASIN 1	1440	185.820	0.895	5.8	105.3680	0.0000	SURCHARGED
2160 minute winter	BASIN 2	1440	184.847	0.547	3.4	55.3358	0.0000	OK
2160 minute winter	BASIN 3	2400	183.632	0.532	7.5	413.5179	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J50	48.014	J51	2.0	0.361	0.067	0.0282	
2160 minute winter	J51	48.015	J52	2.1	0.370	0.069	0.0065	
2160 minute winter	J52	48.016	J53	2.3	0.417	0.075	0.0269	
2160 minute winter	J53	48.017	S24	2.4	0.474	0.080	0.0520	
2160 minute winter	J54	65.002	J55	0.5	0.453	0.084	0.0040	
2160 minute winter	J55	65.003	S24	0.6	0.572	0.079	0.0082	
2160 minute winter	J56	48.019	J57	3.5	0.399	0.065	0.0797	
2160 minute winter	J57	48.020	S25	3.6	0.404	0.066	0.0545	
2160 minute winter	BASIN 1	1.023	S5	3.3	0.096	0.039	0.9418	
2160 minute winter	BASIN 1	Infiltration		0.1				10.4
2160 minute winter	BASIN 2	1.027	S7	3.3	0.545	0.039	0.1336	
2160 minute winter	BASIN 2	71.000	BH1	0.4	0.263	0.065	0.1829	
2160 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute winter	BASIN 3	1.034	BH2	0.3	0.015	0.003	1.8265	
2160 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	BASIN 4	1860	183.910	0.580	4.3	174.4622	0.0000	SURCHARGED
2160 minute winter	SWALE 1	1440	184.924	0.050	3.3	0.0716	0.0000	OK
2160 minute winter	SWALE 2	1440	184.426	0.051	3.3	0.0724	0.0000	OK
2160 minute winter	SWALE 3	1200	184.055	0.060	7.0	0.0864	0.0000	OK
2160 minute winter	BH1	1440	184.847	0.770	0.4	3.0350	0.0000	OK
2160 minute winter	BH2	2400	183.632	0.549	0.3	4.3348	0.0000	OK
2160 minute winter	BH3	1860	183.910	0.591	0.3	4.3630	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	BASIN 4	48.022	BH3	0.3	0.196	0.005	0.3211	
2160 minute winter	BASIN 4	Infiltration		0.0				0.0
2160 minute winter	SWALE 1	1.025	S6	3.3	0.363	0.039	0.3378	
2160 minute winter	SWALE 2	1.029	S8	3.3	0.522	0.039	0.1644	
2160 minute winter	SWALE 3	1.033	BASIN 3	7.0	0.624	0.056	0.4828	
2160 minute winter	BH1	Infiltration		0.1				11.8
2160 minute winter	BH2	Infiltration		0.2				12.1
2160 minute winter	BH3	Infiltration		0.2				20.1

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S1	1440	188.383	0.013	0.3	0.0188	0.0000	OK
2880 minute summer	S2	1500	187.087	0.048	2.7	0.0829	0.0000	OK
2880 minute summer	S3	1500	186.186	0.049	3.7	0.0653	0.0000	OK
2880 minute summer	S4	1800	185.818	0.440	6.3	0.5640	0.0000	SURCHARGED
2880 minute summer	S5	1800	185.818	0.908	3.2	1.2989	0.0000	SURCHARGED
2880 minute summer	S6	1800	184.860	0.052	3.2	0.0745	0.0000	OK
2880 minute summer	S7	1800	184.786	0.027	3.3	0.0391	0.0000	OK
2880 minute summer	S8	1800	184.359	0.029	3.3	0.0418	0.0000	OK
2880 minute summer	S9	1680	184.174	0.049	3.3	0.0695	0.0000	OK
2880 minute summer	S10	1500	184.153	0.040	7.2	0.0719	0.0000	OK
2880 minute summer	S11	1500	186.418	0.018	0.4	0.0282	0.0000	OK
2880 minute summer	S12	1500	186.206	0.030	1.1	0.0448	0.0000	OK
2880 minute summer	S13	1500	186.014	0.021	1.8	0.0321	0.0000	OK
2880 minute summer	S14	1500	185.211	0.036	2.5	0.0563	0.0000	OK
2880 minute summer	S15	1500	184.897	0.030	3.3	0.0471	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S1	1.000	J1	0.3	0.355	0.034	0.0070	
2880 minute summer	S2	1.012	J12	2.7	0.483	0.090	0.0084	
2880 minute summer	S3	1.019	J18	3.7	0.735	0.069	0.0266	
2880 minute summer	S4	1.022	BASIN 1	6.2	0.791	0.037	1.1778	
2880 minute summer	S5	1.024	SWALE 1	3.2	0.367	0.039	0.1795	
2880 minute summer	S6	1.026	BASIN 2	3.2	0.412	0.037	0.0515	
2880 minute summer	S7	1.028	SWALE 2	3.3	0.540	0.011	0.1035	
2880 minute summer	S8	1.030	S9	3.3	0.562	0.012	0.0731	
2880 minute summer	S9	1.031	S10	3.3	0.559	0.039	0.0474	
2880 minute summer	S10	1.032	SWALE 3	7.2	0.817	0.022	0.0388	
2880 minute summer	S11	32.000	J28	0.4	0.394	0.067	0.0046	
2880 minute summer	S12	32.003	J30	1.1	0.419	0.082	0.0133	
2880 minute summer	S13	32.007	J33	1.8	0.936	0.018	0.0250	
2880 minute summer	S14	32.009	J34	2.5	0.556	0.049	0.0236	
2880 minute summer	S15	32.013	J37	3.3	1.081	0.036	0.0285	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S16	1500	184.510	0.023	3.9	0.0356	0.0000	OK
2880 minute summer	S17	1560	186.170	0.020	0.5	0.0319	0.0000	OK
2880 minute summer	S18	1560	185.859	0.035	1.3	0.0512	0.0000	OK
2880 minute summer	S19	1800	185.819	0.053	2.0	0.0761	0.0000	OK
2880 minute summer	S20	1560	184.655	0.013	0.2	0.0145	0.0000	OK
2880 minute summer	S21	1500	184.433	0.024	0.7	0.0316	0.0000	OK
2880 minute summer	S22	1500	184.267	0.036	1.4	0.0464	0.0000	OK
2880 minute summer	S23	1500	184.243	0.045	2.0	0.0574	0.0000	OK
2880 minute summer	S24	1500	184.075	0.058	3.7	0.0762	0.0000	OK
2880 minute summer	S25	1500	184.027	0.057	4.2	0.0790	0.0000	OK
2880 minute summer	S26	1440	185.391	0.013	0.4	0.0199	0.0000	OK
2880 minute summer	FC1	1320	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC2	1680	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S16	32.015	J38	3.9	0.695	0.012	0.0137	
2880 minute summer	S17	23.001	J20	0.5	0.455	0.084	0.0079	
2880 minute summer	S18	23.006	J24	1.3	0.340	0.041	0.0070	
2880 minute summer	S19	23.010	J27	2.0	0.403	0.067	0.0899	
2880 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2880 minute summer	S21	48.004	J43	0.7	0.356	0.053	0.0100	
2880 minute summer	S22	48.008	J46	1.4	0.343	0.045	0.0099	
2880 minute summer	S23	48.011	J48	2.0	0.378	0.065	0.0059	
2880 minute summer	S24	48.018	J56	3.7	0.397	0.069	0.0396	
2880 minute summer	S25	48.021	BASIN 4	4.2	0.508	0.079	0.0319	
2880 minute summer	S26	65.001	J54	0.4	0.457	0.039	0.0076	
2880 minute summer	FC1	2.000	J1	0.1	0.212	0.016	0.0035	
2880 minute summer	FC1	Infiltration		0.0				0.0
2880 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC3	1560	188.252	0.052	0.2	0.0697	0.0000	OK
2880 minute summer	FC4	1380	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC5	1680	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC6	1680	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC7	1620	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC8	1380	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC9	1680	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC10	1560	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2880 minute summer	FC3	Infiltration		0.0				0.0
2880 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute summer	FC4	Infiltration		0.0				0.0
2880 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute summer	FC5	Infiltration		0.0				0.0
2880 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute summer	FC6	Infiltration		0.0				0.0
2880 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute summer	FC7	Infiltration		0.0				0.0
2880 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute summer	FC8	Infiltration		0.0				0.0
2880 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute summer	FC9	Infiltration		0.0				0.0
2880 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC11	1560	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC12	1440	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC13	1680	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC14	1560	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute summer	FC15	1260	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute summer	FC16	1680	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC17	1560	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC10	Infiltration		0.0				0.0
2880 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute summer	FC11	Infiltration		0.0				0.0
2880 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute summer	FC12	Infiltration		0.0				0.0
2880 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute summer	FC13	Infiltration		0.0				0.0
2880 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute summer	FC14	Infiltration		0.0				0.0
2880 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute summer	FC15	Infiltration		0.0				0.0
2880 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2880 minute summer	FC16	Infiltration		0.0				0.0
2880 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC18	1680	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC19	1500	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC20	1200	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC21	1800	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC22	1620	186.472	0.022	0.1	0.2129	0.0000	OK
2880 minute summer	FC23	1560	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC24	1680	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC25	1200	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute summer	FC18	Infiltration		0.0				0.0
2880 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute summer	FC19	Infiltration		0.0				0.0
2880 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute summer	FC20	Infiltration		0.0				0.0
2880 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute summer	FC21	Infiltration		0.0				0.0
2880 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
2880 minute summer	FC22	Infiltration		0.0				0.0
2880 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2880 minute summer	FC23	Infiltration		0.0				0.0
2880 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2880 minute summer	FC24	Infiltration		0.0				0.0
2880 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC26	1560	186.472	0.022	0.1	0.2216	0.0000	OK
2880 minute summer	FC27	1260	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute summer	FC28	1200	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC29	1200	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC30	1800	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC31	1620	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC32	1440	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC25	Infiltration		0.0				0.0
2880 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2880 minute summer	FC26	Infiltration		0.0				0.0
2880 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2880 minute summer	FC27	Infiltration		0.0				0.0
2880 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute summer	FC28	Infiltration		0.0				0.0
2880 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute summer	FC29	Infiltration		0.0				0.0
2880 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute summer	FC30	Infiltration		0.0				0.0
2880 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
2880 minute summer	FC31	Infiltration		0.0				0.0
2880 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
2880 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC33	1560	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC34	1680	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC35	1560	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC36	1200	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC37	1560	185.850	0.050	0.2	0.0678	0.0000	OK
2880 minute summer	FC38	1440	185.472	0.022	0.1	0.2638	0.0000	OK
2880 minute summer	FC39	1500	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC40	1200	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute summer	FC33	Infiltration		0.0				0.0
2880 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute summer	FC34	Infiltration		0.0				0.0
2880 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute summer	FC35	Infiltration		0.0				0.0
2880 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute summer	FC36	Infiltration		0.0				0.0
2880 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2880 minute summer	FC37	Infiltration		0.0				0.0
2880 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2880 minute summer	FC38	Infiltration		0.0				0.0
2880 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute summer	FC39	Infiltration		0.0				0.0
2880 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC41	1800	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC42	1680	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC43	1500	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC44	1260	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute summer	FC45	1680	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC46	1560	184.752	0.052	0.2	0.0702	0.0000	OK
2880 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	FC48	1620	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC40	Infiltration		0.0				0.0
2880 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute summer	FC41	Infiltration		0.0				0.0
2880 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute summer	FC42	Infiltration		0.0				0.0
2880 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute summer	FC43	Infiltration		0.0				0.0
2880 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute summer	FC44	Infiltration		0.0				0.0
2880 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute summer	FC45	Infiltration		0.0				0.0
2880 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2880 minute summer	FC46	Infiltration		0.0				0.0
2880 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2880 minute summer	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC49	1440	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC50	1500	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC51	1620	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC52	1380	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC53	1620	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC54	1740	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC55	1560	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC48	Infiltration		0.0				0.0
2880 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute summer	FC49	Infiltration		0.0				0.0
2880 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute summer	FC50	Infiltration		0.0				0.0
2880 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute summer	FC51	Infiltration		0.0				0.0
2880 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute summer	FC52	Infiltration		0.0				0.0
2880 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute summer	FC53	Infiltration		0.0				0.0
2880 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute summer	FC54	Infiltration		0.0				0.0
2880 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC56	1260	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC57	1680	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC58	1500	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC59	1320	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC60	1500	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC61	1680	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC62	1560	185.301	0.050	0.2	0.0682	0.0000	OK
2880 minute summer	FC63	1380	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute summer	FC56	Infiltration		0.0				0.0
2880 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute summer	FC57	Infiltration		0.0				0.0
2880 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute summer	FC58	Infiltration		0.0				0.0
2880 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute summer	FC59	Infiltration		0.0				0.0
2880 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute summer	FC60	Infiltration		0.0				0.0
2880 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute summer	FC61	Infiltration		0.0				0.0
2880 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2880 minute summer	FC62	Infiltration		0.0				0.0
2880 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC64	1440	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC65	1200	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC66	1620	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute summer	FC67	1680	184.822	0.022	0.1	0.2262	0.0000	OK
2880 minute summer	FC68	1380	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	J1	1440	188.220	0.020	0.7	0.0299	0.0000	OK
2880 minute summer	J2	1560	188.085	0.029	0.8	0.0325	0.0000	OK
2880 minute summer	J3	1500	188.078	0.028	1.0	0.0319	0.0000	OK
2880 minute summer	J4	1500	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC63	Infiltration		0.0				0.0
2880 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
2880 minute summer	FC64	Infiltration		0.0				0.0
2880 minute summer	FC65	67.000	J55	0.1	0.267	0.010	0.0014	
2880 minute summer	FC65	Infiltration		0.0				0.0
2880 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute summer	FC66	Infiltration		0.0				0.0
2880 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2880 minute summer	FC67	Infiltration		0.0				0.0
2880 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute summer	FC68	Infiltration		0.0				0.0
2880 minute summer	J1	1.001	J2	0.7	0.630	0.084	0.0056	
2880 minute summer	J2	1.002	J3	0.8	0.347	0.060	0.0024	
2880 minute summer	J3	1.003	J4	1.0	0.559	0.075	0.0035	
2880 minute summer	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J5	1500	187.928	0.018	1.2	0.0207	0.0000	OK
2880 minute summer	J6	1560	187.674	0.024	1.3	0.0269	0.0000	OK
2880 minute summer	J7	1500	187.555	0.030	1.4	0.0342	0.0000	OK
2880 minute summer	J8	1560	187.541	0.020	1.5	0.0230	0.0000	OK
2880 minute summer	J9	1560	187.308	0.033	1.6	0.0369	0.0000	OK
2880 minute summer	J10	1440	187.289	0.019	1.8	0.0211	0.0000	OK
2880 minute summer	J11	1560	187.148	0.027	1.9	0.0300	0.0000	OK
2880 minute summer	J12	1500	186.842	0.033	2.8	0.0370	0.0000	OK
2880 minute summer	J13	1500	186.680	0.052	2.9	0.0594	0.0000	OK
2880 minute summer	J14	1500	186.673	0.051	3.0	0.0574	0.0000	OK
2880 minute summer	J15	1500	186.663	0.046	3.1	0.0524	0.0000	OK
2880 minute summer	J16	1500	186.638	0.033	3.2	0.0378	0.0000	OK
2880 minute summer	J17	1500	186.305	0.022	3.3	0.0247	0.0000	OK
2880 minute summer	J18	1500	186.151	0.026	3.8	0.0290	0.0000	OK
2880 minute summer	J19	1500	186.082	0.055	3.9	0.0619	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J5	1.005	J6	1.2	0.801	0.031	0.0085	
2880 minute summer	J6	1.006	J7	1.3	0.771	0.046	0.0033	
2880 minute summer	J7	1.007	J8	1.4	0.574	0.046	0.0028	
2880 minute summer	J8	1.008	J9	1.5	0.574	0.017	0.0225	
2880 minute summer	J9	1.009	J10	1.6	0.650	0.048	0.0031	
2880 minute summer	J10	1.010	J11	1.8	0.873	0.014	0.0051	
2880 minute summer	J11	1.011	S2	1.9	0.451	0.030	0.0236	
2880 minute summer	J12	1.013	J13	2.8	0.814	0.042	0.0223	
2880 minute summer	J13	1.014	J14	2.9	0.360	0.051	0.0153	
2880 minute summer	J14	1.015	J15	3.0	0.407	0.053	0.0141	
2880 minute summer	J15	1.016	J16	3.1	0.561	0.058	0.0286	
2880 minute summer	J16	1.017	J17	3.2	0.792	0.022	0.0136	
2880 minute summer	J17	1.018	S3	3.3	0.709	0.011	0.0092	
2880 minute summer	J18	1.020	J19	3.8	0.679	0.013	0.0087	
2880 minute summer	J19	1.021	S4	3.9	0.500	0.071	0.0343	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J20	1560	186.053	0.022	0.6	0.0253	0.0000	OK
2880 minute summer	J21	1560	186.032	0.023	0.7	0.0265	0.0000	OK
2880 minute summer	J22	1560	185.989	0.026	0.8	0.0294	0.0000	OK
2880 minute summer	J23	1560	185.969	0.027	0.9	0.0306	0.0000	OK
2880 minute summer	J24	1560	185.851	0.034	1.4	0.0387	0.0000	OK
2880 minute summer	J25	1560	185.832	0.036	1.5	0.0406	0.0000	OK
2880 minute summer	J26	1800	185.820	0.041	1.6	0.0462	0.0000	OK
2880 minute summer	J27	1800	185.818	0.082	2.1	0.0930	0.0000	OK
2880 minute summer	J28	1500	186.376	0.020	0.5	0.0222	0.0000	OK
2880 minute summer	J29	1500	186.293	0.022	0.6	0.0251	0.0000	OK
2880 minute summer	J30	1500	186.179	0.032	1.2	0.0359	0.0000	OK
2880 minute summer	J31	1500	186.077	0.032	1.3	0.0367	0.0000	OK
2880 minute summer	J32	1500	186.044	0.033	1.4	0.0371	0.0000	OK
2880 minute summer	J33	1500	185.557	0.022	2.0	0.0245	0.0000	OK
2880 minute summer	J34	1500	185.166	0.041	2.6	0.0466	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J20	23.002	J21	0.6	0.355	0.044	0.0064	
2880 minute summer	J21	23.003	J22	0.7	0.370	0.052	0.0152	
2880 minute summer	J22	23.004	J23	0.8	0.382	0.059	0.0075	
2880 minute summer	J23	23.005	S18	0.9	0.427	0.067	0.0158	
2880 minute summer	J24	23.007	J25	1.4	0.357	0.047	0.0242	
2880 minute summer	J25	23.008	J26	1.5	0.354	0.050	0.0210	
2880 minute summer	J26	23.009	S19	1.6	0.347	0.052	0.0222	
2880 minute summer	J27	23.011	S4	2.1	0.454	0.070	0.0334	
2880 minute summer	J28	32.001	J29	0.5	0.421	0.084	0.0105	
2880 minute summer	J29	32.002	S12	0.6	0.476	0.101	0.0059	
2880 minute summer	J30	32.004	J31	1.2	0.456	0.090	0.0131	
2880 minute summer	J31	32.005	J32	1.3	0.367	0.043	0.0345	
2880 minute summer	J32	32.006	S13	1.4	0.518	0.047	0.0145	
2880 minute summer	J33	32.008	S14	2.0	0.681	0.019	0.0272	
2880 minute summer	J34	32.010	J35	2.6	0.691	0.067	0.0344	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J35	1500	185.102	0.027	2.7	0.0304	0.0000	OK
2880 minute summer	J36	1500	184.919	0.044	2.8	0.0495	0.0000	OK
2880 minute summer	J37	1500	184.547	0.047	3.4	0.0532	0.0000	OK
2880 minute summer	J38	1500	184.357	0.057	4.0	0.0647	0.0000	OK
2880 minute summer	J39	1500	184.328	0.054	4.1	0.0606	0.0000	OK
2880 minute summer	J40	1500	184.308	0.043	4.2	0.0491	0.0000	OK
2880 minute summer	J41	1560	184.610	0.013	0.2	0.0143	0.0000	OK
2880 minute summer	J42	1500	184.553	0.016	0.3	0.0176	0.0000	OK
2880 minute summer	J43	1500	184.407	0.027	0.8	0.0305	0.0000	OK
2880 minute summer	J44	1500	184.397	0.027	0.9	0.0301	0.0000	OK
2880 minute summer	J45	1500	184.349	0.029	1.0	0.0332	0.0000	OK
2880 minute summer	J46	1500	184.258	0.036	1.5	0.0410	0.0000	OK
2880 minute summer	J47	1500	184.248	0.041	1.6	0.0463	0.0000	OK
2880 minute summer	J48	1500	184.236	0.042	2.1	0.0471	0.0000	OK
2880 minute summer	J49	1500	184.217	0.048	2.2	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J35	32.011	J36	2.7	0.680	0.030	0.0278	
2880 minute summer	J36	32.012	S15	2.8	0.662	0.093	0.0101	
2880 minute summer	J37	32.014	S16	3.4	0.738	0.062	0.0247	
2880 minute summer	J38	32.016	J39	4.0	0.448	0.074	0.0965	
2880 minute summer	J39	32.017	J40	4.1	0.557	0.075	0.0270	
2880 minute summer	J40	32.018	S10	4.2	0.690	0.042	0.0583	
2880 minute summer	J41	48.002	J42	0.2	0.299	0.034	0.0042	
2880 minute summer	J42	48.003	S21	0.3	0.392	0.051	0.0063	
2880 minute summer	J43	48.005	J44	0.8	0.377	0.057	0.0034	
2880 minute summer	J44	48.006	J45	0.9	0.398	0.067	0.0199	
2880 minute summer	J45	48.007	S22	1.0	0.432	0.074	0.0055	
2880 minute summer	J46	48.009	J47	1.5	0.332	0.049	0.0190	
2880 minute summer	J47	48.010	S23	1.6	0.306	0.053	0.0138	
2880 minute summer	J48	48.012	J49	2.1	0.375	0.070	0.0417	
2880 minute summer	J49	48.013	J50	2.2	0.369	0.072	0.0068	

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J50	1500	184.211	0.046	2.3	0.0516	0.0000	OK
2880 minute summer	J51	1500	184.198	0.050	2.4	0.0566	0.0000	OK
2880 minute summer	J52	1500	184.192	0.047	2.6	0.0537	0.0000	OK
2880 minute summer	J53	1500	184.174	0.047	2.7	0.0530	0.0000	OK
2880 minute summer	J54	1500	185.149	0.020	0.5	0.0231	0.0000	OK
2880 minute summer	J55	1440	185.113	0.019	0.6	0.0219	0.0000	OK
2880 minute summer	J56	1500	184.063	0.056	3.8	0.0637	0.0000	OK
2880 minute summer	J57	1500	184.043	0.058	3.9	0.0655	0.0000	OK
2880 minute summer	BASIN 1	1800	185.818	0.893	6.4	105.1045	0.0000	SURCHARGED
2880 minute summer	BASIN 2	1800	184.847	0.547	3.3	55.3344	0.0000	OK
2880 minute summer	BASIN 3	2940	183.612	0.512	7.7	404.2027	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J50	48.014	J51	2.3	0.374	0.077	0.0312	
2880 minute summer	J51	48.015	J52	2.4	0.380	0.078	0.0072	
2880 minute summer	J52	48.016	J53	2.6	0.431	0.085	0.0294	
2880 minute summer	J53	48.017	S24	2.7	0.491	0.090	0.0565	
2880 minute summer	J54	65.002	J55	0.5	0.453	0.084	0.0040	
2880 minute summer	J55	65.003	S24	0.6	0.572	0.079	0.0082	
2880 minute summer	J56	48.019	J57	3.8	0.408	0.070	0.0847	
2880 minute summer	J57	48.020	S25	3.9	0.414	0.071	0.0576	
2880 minute summer	BASIN 1	1.023	S5	3.2	0.096	0.039	0.9418	
2880 minute summer	BASIN 1	Infiltration		0.1				10.1
2880 minute summer	BASIN 2	1.027	S7	3.3	0.545	0.039	0.1336	
2880 minute summer	BASIN 2	71.000	BH1	0.3	0.276	0.058	0.1829	
2880 minute summer	BASIN 2	Infiltration		0.0				0.0
2880 minute summer	BASIN 3	1.034	BH2	1.7	0.290	0.014	1.8265	
2880 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	BASIN 4	2160	183.881	0.551	4.7	165.0483	0.0000	SURCHARGED
2880 minute summer	SWALE 1	1800	184.924	0.050	3.2	0.0715	0.0000	OK
2880 minute summer	SWALE 2	1800	184.426	0.051	3.3	0.0724	0.0000	OK
2880 minute summer	SWALE 3	1500	184.056	0.061	7.2	0.0874	0.0000	OK
2880 minute summer	BH1	1800	184.847	0.770	0.3	3.0350	0.0000	OK
2880 minute summer	BH2	2940	183.612	0.529	1.7	4.2309	0.0000	OK
2880 minute summer	BH3	2160	183.881	0.562	0.3	4.2267	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
2880 minute summer	BASIN 4	Infiltration		0.0				0.0
2880 minute summer	SWALE 1	1.025	S6	3.2	0.363	0.039	0.3376	
2880 minute summer	SWALE 2	1.029	S8	3.3	0.522	0.039	0.1644	
2880 minute summer	SWALE 3	1.033	BASIN 3	7.1	0.627	0.057	0.4913	
2880 minute summer	BH1	Infiltration		0.1				15.0
2880 minute summer	BH2	Infiltration		0.2				15.8
2880 minute summer	BH3	Infiltration		0.2				24.2

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S1	1260	188.381	0.011	0.2	0.0155	0.0000	OK
2880 minute winter	S2	1500	187.081	0.042	2.1	0.0728	0.0000	OK
2880 minute winter	S3	1500	186.182	0.045	3.0	0.0594	0.0000	OK
2880 minute winter	S4	1860	185.819	0.441	5.2	0.5649	0.0000	SURCHARGED
2880 minute winter	S5	1860	185.818	0.908	3.3	1.2999	0.0000	SURCHARGED
2880 minute winter	S6	1860	184.860	0.052	3.2	0.0745	0.0000	OK
2880 minute winter	S7	1860	184.786	0.027	3.3	0.0391	0.0000	OK
2880 minute winter	S8	1860	184.359	0.029	3.3	0.0418	0.0000	OK
2880 minute winter	S9	1800	184.173	0.048	3.3	0.0691	0.0000	OK
2880 minute winter	S10	1560	184.150	0.037	6.5	0.0679	0.0000	OK
2880 minute winter	S11	1440	186.415	0.015	0.3	0.0243	0.0000	OK
2880 minute winter	S12	1560	186.203	0.027	0.9	0.0404	0.0000	OK
2880 minute winter	S13	1500	186.013	0.020	1.5	0.0295	0.0000	OK
2880 minute winter	S14	1440	185.206	0.031	1.9	0.0488	0.0000	OK
2880 minute winter	S15	1440	184.893	0.026	2.5	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
2880 minute winter	S2	1.012	J12	2.1	0.453	0.070	0.0069	
2880 minute winter	S3	1.019	J18	3.0	0.696	0.056	0.0229	
2880 minute winter	S4	1.022	BASIN 1	5.1	0.707	0.031	1.1778	
2880 minute winter	S5	1.024	SWALE 1	3.2	0.368	0.039	0.1795	
2880 minute winter	S6	1.026	BASIN 2	3.2	0.396	0.037	0.0515	
2880 minute winter	S7	1.028	SWALE 2	3.3	0.541	0.011	0.1036	
2880 minute winter	S8	1.030	S9	3.3	0.561	0.012	0.0731	
2880 minute winter	S9	1.031	S10	3.3	0.555	0.039	0.0462	
2880 minute winter	S10	1.032	SWALE 3	6.5	0.795	0.020	0.0360	
2880 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038	
2880 minute winter	S12	32.003	J30	0.9	0.395	0.067	0.0116	
2880 minute winter	S13	32.007	J33	1.5	0.898	0.015	0.0217	
2880 minute winter	S14	32.009	J34	1.9	0.514	0.037	0.0194	
2880 minute winter	S15	32.013	J37	2.5	0.996	0.027	0.0234	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S16	1440	184.507	0.020	2.9	0.0311	0.0000	OK
2880 minute winter	S17	1500	186.168	0.018	0.4	0.0286	0.0000	OK
2880 minute winter	S18	1500	185.856	0.032	1.1	0.0469	0.0000	OK
2880 minute winter	S19	1860	185.819	0.053	1.7	0.0770	0.0000	OK
2880 minute winter	S20	1020	184.651	0.009	0.1	0.0104	0.0000	OK
2880 minute winter	S21	1680	184.429	0.020	0.5	0.0264	0.0000	OK
2880 minute winter	S22	1440	184.262	0.031	1.1	0.0407	0.0000	OK
2880 minute winter	S23	1500	184.238	0.040	1.6	0.0510	0.0000	OK
2880 minute winter	S24	1620	184.069	0.052	3.0	0.0683	0.0000	OK
2880 minute winter	S25	1380	184.022	0.052	3.4	0.0713	0.0000	OK
2880 minute winter	S26	1440	185.389	0.012	0.3	0.0174	0.0000	OK
2880 minute winter	FC1	1860	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC2	1200	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S16	32.015	J38	2.9	0.635	0.009	0.0111	
2880 minute winter	S17	23.001	J20	0.4	0.426	0.067	0.0067	
2880 minute winter	S18	23.006	J24	1.1	0.325	0.034	0.0062	
2880 minute winter	S19	23.010	J27	1.7	0.385	0.057	0.0910	
2880 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
2880 minute winter	S21	48.004	J43	0.5	0.322	0.038	0.0079	
2880 minute winter	S22	48.008	J46	1.1	0.324	0.035	0.0083	
2880 minute winter	S23	48.011	J48	1.6	0.357	0.052	0.0050	
2880 minute winter	S24	48.018	J56	3.0	0.376	0.056	0.0339	
2880 minute winter	S25	48.021	BASIN 4	3.4	0.478	0.064	0.0274	
2880 minute winter	S26	65.001	J54	0.3	0.409	0.029	0.0063	
2880 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
2880 minute winter	FC1	Infiltration		0.0				0.0
2880 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC3	1020	188.222	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC4	1200	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC5	1200	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC6	1440	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC7	1620	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC8	1200	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC9	1320	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC10	1440	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
2880 minute winter	FC3	Infiltration		0.0				0.0
2880 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute winter	FC4	Infiltration		0.0				0.0
2880 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute winter	FC5	Infiltration		0.0				0.0
2880 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute winter	FC6	Infiltration		0.0				0.0
2880 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute winter	FC7	Infiltration		0.0				0.0
2880 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute winter	FC8	Infiltration		0.0				0.0
2880 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute winter	FC9	Infiltration		0.0				0.0
2880 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC11	1260	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC12	1260	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC13	1860	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC14	1740	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute winter	FC15	1200	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute winter	FC16	1740	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC17	1200	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC10	Infiltration		0.0				0.0
2880 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute winter	FC11	Infiltration		0.0				0.0
2880 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute winter	FC12	Infiltration		0.0				0.0
2880 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute winter	FC13	Infiltration		0.0				0.0
2880 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute winter	FC14	Infiltration		0.0				0.0
2880 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute winter	FC15	Infiltration		0.0				0.0
2880 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2880 minute winter	FC16	Infiltration		0.0				0.0
2880 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC18	1680	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC19	1320	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC20	1080	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC21	1920	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC22	1560	186.472	0.022	0.1	0.2129	0.0000	OK
2880 minute winter	FC23	1500	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC24	1260	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC25	1080	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute winter	FC18	Infiltration		0.0				0.0
2880 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute winter	FC19	Infiltration		0.0				0.0
2880 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute winter	FC20	Infiltration		0.0				0.0
2880 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute winter	FC21	Infiltration		0.0				0.0
2880 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
2880 minute winter	FC22	Infiltration		0.0				0.0
2880 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2880 minute winter	FC23	Infiltration		0.0				0.0
2880 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
2880 minute winter	FC24	Infiltration		0.0				0.0
2880 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC26	1320	186.472	0.022	0.1	0.2216	0.0000	OK
2880 minute winter	FC27	1200	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute winter	FC28	1080	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC29	1080	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC30	1560	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC31	1560	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC32	1440	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC25	Infiltration		0.0				0.0
2880 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2880 minute winter	FC26	Infiltration		0.0				0.0
2880 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
2880 minute winter	FC27	Infiltration		0.0				0.0
2880 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute winter	FC28	Infiltration		0.0				0.0
2880 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute winter	FC29	Infiltration		0.0				0.0
2880 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute winter	FC30	Infiltration		0.0				0.0
2880 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
2880 minute winter	FC31	Infiltration		0.0				0.0
2880 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
2880 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC33	1200	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC34	1440	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC35	1080	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC36	1080	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC37	1920	185.822	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC38	1740	185.472	0.022	0.1	0.2638	0.0000	OK
2880 minute winter	FC39	1260	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC40	1080	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute winter	FC33	Infiltration		0.0				0.0
2880 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute winter	FC34	Infiltration		0.0				0.0
2880 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute winter	FC35	Infiltration		0.0				0.0
2880 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute winter	FC36	Infiltration		0.0				0.0
2880 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
2880 minute winter	FC37	Infiltration		0.0				0.0
2880 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2880 minute winter	FC38	Infiltration		0.0				0.0
2880 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute winter	FC39	Infiltration		0.0				0.0
2880 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC41	1080	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC42	1560	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC43	1080	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC44	1200	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute winter	FC45	1440	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC46	2040	184.722	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC48	1140	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC40	Infiltration		0.0				0.0
2880 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute winter	FC41	Infiltration		0.0				0.0
2880 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute winter	FC42	Infiltration		0.0				0.0
2880 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute winter	FC43	Infiltration		0.0				0.0
2880 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute winter	FC44	Infiltration		0.0				0.0
2880 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute winter	FC45	Infiltration		0.0				0.0
2880 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
2880 minute winter	FC46	Infiltration		0.0				0.0
2880 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
2880 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC49	1260	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC50	1440	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC51	1260	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC52	1200	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC53	1200	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC54	1320	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC55	1200	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC48	Infiltration		0.0				0.0
2880 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute winter	FC49	Infiltration		0.0				0.0
2880 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute winter	FC50	Infiltration		0.0				0.0
2880 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute winter	FC51	Infiltration		0.0				0.0
2880 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute winter	FC52	Infiltration		0.0				0.0
2880 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute winter	FC53	Infiltration		0.0				0.0
2880 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute winter	FC54	Infiltration		0.0				0.0
2880 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC56	1200	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC57	1440	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC58	1320	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC59	1800	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC60	1200	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC61	1140	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC62	1020	185.272	0.022	0.1	0.0297	0.0000	OK
2880 minute winter	FC63	1440	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute winter	FC56	Infiltration		0.0				0.0
2880 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute winter	FC57	Infiltration		0.0				0.0
2880 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute winter	FC58	Infiltration		0.0				0.0
2880 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute winter	FC59	Infiltration		0.0				0.0
2880 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute winter	FC60	Infiltration		0.0				0.0
2880 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute winter	FC61	Infiltration		0.0				0.0
2880 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
2880 minute winter	FC62	Infiltration		0.0				0.0
2880 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC64	1740	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC65	1740	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC66	1260	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC67	1560	184.822	0.022	0.1	0.2262	0.0000	OK
2880 minute winter	FC68	1200	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	J1	1320	188.217	0.017	0.5	0.0252	0.0000	OK
2880 minute winter	J2	1440	188.080	0.024	0.6	0.0276	0.0000	OK
2880 minute winter	J3	1740	188.074	0.024	0.7	0.0269	0.0000	OK
2880 minute winter	J4	1260	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC63	Infiltration		0.0				0.0
2880 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
2880 minute winter	FC64	Infiltration		0.0				0.0
2880 minute winter	FC65	67.000	J55	0.1	0.276	0.010	0.0013	
2880 minute winter	FC65	Infiltration		0.0				0.0
2880 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute winter	FC66	Infiltration		0.0				0.0
2880 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2880 minute winter	FC67	Infiltration		0.0				0.0
2880 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute winter	FC68	Infiltration		0.0				0.0
2880 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
2880 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0019	
2880 minute winter	J3	1.003	J4	0.7	0.498	0.053	0.0028	
2880 minute winter	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J5	1740	187.926	0.016	0.9	0.0181	0.0000	OK
2880 minute winter	J6	1560	187.671	0.021	1.0	0.0235	0.0000	OK
2880 minute winter	J7	1380	187.552	0.027	1.1	0.0306	0.0000	OK
2880 minute winter	J8	1740	187.539	0.018	1.2	0.0208	0.0000	OK
2880 minute winter	J9	1560	187.305	0.030	1.3	0.0334	0.0000	OK
2880 minute winter	J10	1320	187.287	0.017	1.4	0.0188	0.0000	OK
2880 minute winter	J11	1560	187.145	0.024	1.5	0.0268	0.0000	OK
2880 minute winter	J12	1500	186.838	0.029	2.2	0.0328	0.0000	OK
2880 minute winter	J13	1500	186.674	0.047	2.3	0.0528	0.0000	OK
2880 minute winter	J14	1500	186.668	0.045	2.4	0.0514	0.0000	OK
2880 minute winter	J15	1500	186.659	0.042	2.5	0.0474	0.0000	OK
2880 minute winter	J16	1500	186.635	0.030	2.6	0.0340	0.0000	OK
2880 minute winter	J17	1500	186.303	0.020	2.7	0.0226	0.0000	OK
2880 minute winter	J18	1500	186.148	0.023	3.1	0.0257	0.0000	OK
2880 minute winter	J19	1500	186.077	0.050	3.2	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J5	1.005	J6	0.9	0.733	0.024	0.0070	
2880 minute winter	J6	1.006	J7	1.0	0.719	0.035	0.0027	
2880 minute winter	J7	1.007	J8	1.1	0.529	0.036	0.0024	
2880 minute winter	J8	1.008	J9	1.2	0.534	0.013	0.0194	
2880 minute winter	J9	1.009	J10	1.3	0.628	0.040	0.0026	
2880 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043	
2880 minute winter	J11	1.011	S2	1.5	0.438	0.023	0.0197	
2880 minute winter	J12	1.013	J13	2.2	0.760	0.033	0.0187	
2880 minute winter	J13	1.014	J14	2.3	0.337	0.041	0.0130	
2880 minute winter	J14	1.015	J15	2.4	0.379	0.043	0.0121	
2880 minute winter	J15	1.016	J16	2.5	0.525	0.047	0.0246	
2880 minute winter	J16	1.017	J17	2.6	0.748	0.018	0.0117	
2880 minute winter	J17	1.018	S3	2.7	0.665	0.009	0.0080	
2880 minute winter	J18	1.020	J19	3.1	0.645	0.011	0.0075	
2880 minute winter	J19	1.021	S4	3.2	0.473	0.058	0.0299	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J20	1620	186.051	0.020	0.5	0.0230	0.0000	OK
2880 minute winter	J21	1500	186.031	0.022	0.6	0.0245	0.0000	OK
2880 minute winter	J22	1500	185.987	0.024	0.7	0.0274	0.0000	OK
2880 minute winter	J23	1500	185.968	0.025	0.8	0.0288	0.0000	OK
2880 minute winter	J24	1500	185.849	0.032	1.2	0.0357	0.0000	OK
2880 minute winter	J25	1500	185.829	0.033	1.3	0.0376	0.0000	OK
2880 minute winter	J26	1860	185.820	0.041	1.4	0.0468	0.0000	OK
2880 minute winter	J27	1860	185.819	0.083	1.8	0.0937	0.0000	OK
2880 minute winter	J28	1500	186.374	0.018	0.4	0.0199	0.0000	OK
2880 minute winter	J29	1440	186.291	0.020	0.5	0.0229	0.0000	OK
2880 minute winter	J30	1440	186.176	0.029	1.0	0.0327	0.0000	OK
2880 minute winter	J31	1500	186.074	0.030	1.1	0.0338	0.0000	OK
2880 minute winter	J32	1500	186.042	0.031	1.2	0.0346	0.0000	OK
2880 minute winter	J33	1440	185.555	0.020	1.6	0.0221	0.0000	OK
2880 minute winter	J34	1560	185.161	0.036	2.0	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J20	23.002	J21	0.5	0.335	0.037	0.0056	
2880 minute winter	J21	23.003	J22	0.6	0.354	0.045	0.0136	
2880 minute winter	J22	23.004	J23	0.7	0.367	0.052	0.0069	
2880 minute winter	J23	23.005	S18	0.8	0.413	0.060	0.0146	
2880 minute winter	J24	23.007	J25	1.2	0.342	0.040	0.0217	
2880 minute winter	J25	23.008	J26	1.3	0.343	0.043	0.0193	
2880 minute winter	J26	23.009	S19	1.4	0.340	0.046	0.0226	
2880 minute winter	J27	23.011	S4	1.8	0.436	0.060	0.0337	
2880 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091	
2880 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051	
2880 minute winter	J30	32.004	J31	1.0	0.433	0.075	0.0115	
2880 minute winter	J31	32.005	J32	1.1	0.348	0.037	0.0308	
2880 minute winter	J32	32.006	S13	1.2	0.498	0.040	0.0130	
2880 minute winter	J33	32.008	S14	1.6	0.660	0.015	0.0224	
2880 minute winter	J34	32.010	J35	2.0	0.636	0.052	0.0288	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J35	1500	185.099	0.024	2.1	0.0270	0.0000	OK
2880 minute winter	J36	1500	184.914	0.039	2.2	0.0441	0.0000	OK
2880 minute winter	J37	1500	184.542	0.042	2.6	0.0472	0.0000	OK
2880 minute winter	J38	1500	184.350	0.050	3.0	0.0560	0.0000	OK
2880 minute winter	J39	1500	184.321	0.047	3.1	0.0532	0.0000	OK
2880 minute winter	J40	1500	184.303	0.038	3.2	0.0429	0.0000	OK
2880 minute winter	J41	960	184.606	0.009	0.1	0.0104	0.0000	OK
2880 minute winter	J42	1440	184.550	0.013	0.2	0.0145	0.0000	OK
2880 minute winter	J43	1440	184.403	0.023	0.6	0.0262	0.0000	OK
2880 minute winter	J44	1320	184.393	0.023	0.7	0.0264	0.0000	OK
2880 minute winter	J45	1320	184.346	0.026	0.8	0.0296	0.0000	OK
2880 minute winter	J46	1380	184.254	0.032	1.2	0.0362	0.0000	OK
2880 minute winter	J47	1500	184.243	0.036	1.3	0.0410	0.0000	OK
2880 minute winter	J48	1680	184.231	0.037	1.7	0.0420	0.0000	OK
2880 minute winter	J49	1380	184.212	0.043	1.8	0.0486	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J35	32.011	J36	2.1	0.626	0.024	0.0234	
2880 minute winter	J36	32.012	S15	2.2	0.623	0.073	0.0085	
2880 minute winter	J37	32.014	S16	2.6	0.678	0.047	0.0206	
2880 minute winter	J38	32.016	J39	3.0	0.410	0.056	0.0791	
2880 minute winter	J39	32.017	J40	3.1	0.510	0.057	0.0223	
2880 minute winter	J40	32.018	S10	3.2	0.638	0.032	0.0480	
2880 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
2880 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
2880 minute winter	J43	48.005	J44	0.6	0.348	0.043	0.0028	
2880 minute winter	J44	48.006	J45	0.7	0.369	0.052	0.0167	
2880 minute winter	J45	48.007	S22	0.8	0.406	0.059	0.0047	
2880 minute winter	J46	48.009	J47	1.2	0.318	0.039	0.0159	
2880 minute winter	J47	48.010	S23	1.3	0.295	0.043	0.0116	
2880 minute winter	J48	48.012	J49	1.7	0.357	0.057	0.0356	
2880 minute winter	J49	48.013	J50	1.8	0.353	0.059	0.0058	

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J50	1380	184.206	0.041	1.9	0.0464	0.0000	OK
2880 minute winter	J51	1320	184.193	0.045	2.0	0.0509	0.0000	OK
2880 minute winter	J52	1320	184.187	0.042	2.1	0.0480	0.0000	OK
2880 minute winter	J53	1500	184.169	0.042	2.2	0.0479	0.0000	OK
2880 minute winter	J54	1380	185.147	0.018	0.4	0.0206	0.0000	OK
2880 minute winter	J55	1740	185.112	0.018	0.5	0.0201	0.0000	OK
2880 minute winter	J56	1320	184.058	0.051	3.1	0.0572	0.0000	OK
2880 minute winter	J57	1680	184.037	0.052	3.2	0.0591	0.0000	OK
2880 minute winter	BASIN 1	1860	185.818	0.893	5.2	105.2019	0.0000	SURCHARGED
2880 minute winter	BASIN 2	1860	184.847	0.547	3.3	55.3355	0.0000	OK
2880 minute winter	BASIN 3	3000	183.752	0.652	6.9	467.3843	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J50	48.014	J51	1.9	0.360	0.064	0.0268	
2880 minute winter	J51	48.015	J52	2.0	0.370	0.065	0.0061	
2880 minute winter	J52	48.016	J53	2.1	0.406	0.069	0.0252	
2880 minute winter	J53	48.017	S24	2.2	0.465	0.073	0.0487	
2880 minute winter	J54	65.002	J55	0.4	0.420	0.068	0.0035	
2880 minute winter	J55	65.003	S24	0.5	0.542	0.066	0.0072	
2880 minute winter	J56	48.019	J57	3.1	0.387	0.057	0.0728	
2880 minute winter	J57	48.020	S25	3.2	0.394	0.059	0.0496	
2880 minute winter	BASIN 1	1.023	S5	3.3	0.093	0.039	0.9418	
2880 minute winter	BASIN 1	Infiltration		0.1				11.7
2880 minute winter	BASIN 2	1.027	S7	3.3	0.545	0.039	0.1336	
2880 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.056	0.1829	
2880 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	1.1	0.319	0.009	1.8265	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2280	183.964	0.634	3.7	191.9655	0.0000	SURCHARGED
2880 minute winter	SWALE 1	1860	184.924	0.050	3.2	0.0715	0.0000	OK
2880 minute winter	SWALE 2	1860	184.426	0.051	3.3	0.0724	0.0000	OK
2880 minute winter	SWALE 3	1560	184.053	0.058	6.5	0.0833	0.0000	OK
2880 minute winter	BH1	1860	184.847	0.770	0.3	3.0350	0.0000	OK
2880 minute winter	BH2	3000	183.752	0.669	1.1	4.9272	0.0000	OK
2880 minute winter	BH3	2280	183.964	0.645	0.3	4.6139	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.3	0.135	0.005	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
2880 minute winter	SWALE 1	1.025	S6	3.2	0.363	0.039	0.3377	
2880 minute winter	SWALE 2	1.029	S8	3.3	0.522	0.039	0.1644	
2880 minute winter	SWALE 3	1.033	BASIN 3	6.5	0.611	0.052	0.4570	
2880 minute winter	BH1	Infiltration		0.1				15.0
2880 minute winter	BH2	Infiltration		0.2				16.3
2880 minute winter	BH3	Infiltration		0.2				25.4

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S1	2040	188.381	0.011	0.2	0.0155	0.0000	OK
4320 minute summer	S2	2220	187.083	0.044	2.3	0.0765	0.0000	OK
4320 minute summer	S3	2220	186.183	0.046	3.2	0.0611	0.0000	OK
4320 minute summer	S4	2520	185.772	0.394	5.4	0.5047	0.0000	SURCHARGED
4320 minute summer	S5	2520	185.772	0.861	3.2	1.2328	0.0000	SURCHARGED
4320 minute summer	S6	2580	184.859	0.051	3.2	0.0735	0.0000	OK
4320 minute summer	S7	2580	184.786	0.027	3.2	0.0386	0.0000	OK
4320 minute summer	S8	2580	184.359	0.029	3.2	0.0413	0.0000	OK
4320 minute summer	S9	2460	184.173	0.048	3.2	0.0683	0.0000	OK
4320 minute summer	S10	2220	184.151	0.038	6.7	0.0695	0.0000	OK
4320 minute summer	S11	2160	186.415	0.015	0.3	0.0243	0.0000	OK
4320 minute summer	S12	2160	186.203	0.027	0.9	0.0404	0.0000	OK
4320 minute summer	S13	2280	186.013	0.020	1.5	0.0295	0.0000	OK
4320 minute summer	S14	2220	185.208	0.033	2.1	0.0514	0.0000	OK
4320 minute summer	S15	2220	184.895	0.028	2.8	0.0434	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S1	1.000	J1	0.2	0.307	0.023	0.0054	
4320 minute summer	S2	1.012	J12	2.3	0.462	0.077	0.0075	
4320 minute summer	S3	1.019	J18	3.2	0.707	0.060	0.0240	
4320 minute summer	S4	1.022	BASIN 1	5.3	0.685	0.032	1.1778	
4320 minute summer	S5	1.024	SWALE 1	3.2	0.365	0.038	0.1760	
4320 minute summer	S6	1.026	BASIN 2	3.2	0.400	0.036	0.0505	
4320 minute summer	S7	1.028	SWALE 2	3.2	0.536	0.010	0.1017	
4320 minute summer	S8	1.030	S9	3.2	0.556	0.012	0.0718	
4320 minute summer	S9	1.031	S10	3.2	0.550	0.038	0.0453	
4320 minute summer	S10	1.032	SWALE 3	6.7	0.804	0.020	0.0371	
4320 minute summer	S11	32.000	J28	0.3	0.355	0.050	0.0038	
4320 minute summer	S12	32.003	J30	0.9	0.395	0.067	0.0116	
4320 minute summer	S13	32.007	J33	1.5	0.897	0.015	0.0221	
4320 minute summer	S14	32.009	J34	2.1	0.529	0.041	0.0209	
4320 minute summer	S15	32.013	J37	2.8	1.029	0.030	0.0254	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S16	2220	184.509	0.022	3.3	0.0330	0.0000	OK
4320 minute summer	S17	2280	186.168	0.018	0.4	0.0286	0.0000	OK
4320 minute summer	S18	2280	185.856	0.032	1.1	0.0469	0.0000	OK
4320 minute summer	S19	2340	185.803	0.037	1.7	0.0536	0.0000	OK
4320 minute summer	S20	2220	184.655	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	S21	2220	184.431	0.022	0.6	0.0291	0.0000	OK
4320 minute summer	S22	2220	184.264	0.033	1.2	0.0427	0.0000	OK
4320 minute summer	S23	2220	184.239	0.041	1.7	0.0527	0.0000	OK
4320 minute summer	S24	2220	184.072	0.055	3.4	0.0729	0.0000	OK
4320 minute summer	S25	2220	184.025	0.055	3.9	0.0762	0.0000	OK
4320 minute summer	S26	2220	185.391	0.013	0.4	0.0199	0.0000	OK
4320 minute summer	FC1	2520	188.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC2	2580	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S16	32.015	J38	3.3	0.660	0.010	0.0122	
4320 minute summer	S17	23.001	J20	0.4	0.426	0.067	0.0067	
4320 minute summer	S18	23.006	J24	1.1	0.325	0.034	0.0062	
4320 minute summer	S19	23.010	J27	1.7	0.385	0.057	0.0393	
4320 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
4320 minute summer	S21	48.004	J43	0.6	0.341	0.045	0.0090	
4320 minute summer	S22	48.008	J46	1.2	0.331	0.038	0.0088	
4320 minute summer	S23	48.011	J48	1.7	0.363	0.055	0.0053	
4320 minute summer	S24	48.018	J56	3.4	0.388	0.064	0.0372	
4320 minute summer	S25	48.021	BASIN 4	3.9	0.497	0.073	0.0302	
4320 minute summer	S26	65.001	J54	0.4	0.457	0.039	0.0076	
4320 minute summer	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
4320 minute summer	FC1	Infiltration		0.0				0.0
4320 minute summer	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
4320 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC3	2220	188.252	0.052	0.2	0.0697	0.0000	OK
4320 minute summer	FC4	2340	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC5	2580	188.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC6	2280	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC7	2460	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC8	2520	187.772	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC9	2220	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC10	2220	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
4320 minute summer	FC3	Infiltration		0.0				0.0
4320 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute summer	FC4	Infiltration		0.0				0.0
4320 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
4320 minute summer	FC5	Infiltration		0.0				0.0
4320 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute summer	FC6	Infiltration		0.0				0.0
4320 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute summer	FC7	Infiltration		0.0				0.0
4320 minute summer	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
4320 minute summer	FC8	Infiltration		0.0				0.0
4320 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute summer	FC9	Infiltration		0.0				0.0
4320 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC11	2400	187.342	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC12	2340	187.252	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC13	2220	187.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC14	1920	186.922	0.022	0.1	0.2805	0.0000	OK
4320 minute summer	FC15	1980	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute summer	FC16	2220	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC17	2340	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC10	Infiltration		0.0				0.0
4320 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
4320 minute summer	FC11	Infiltration		0.0				0.0
4320 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
4320 minute summer	FC12	Infiltration		0.0				0.0
4320 minute summer	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
4320 minute summer	FC13	Infiltration		0.0				0.0
4320 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
4320 minute summer	FC14	Infiltration		0.0				0.0
4320 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute summer	FC15	Infiltration		0.0				0.0
4320 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute summer	FC16	Infiltration		0.0				0.0
4320 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC18	2220	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC19	2580	186.422	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC20	1860	186.972	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC21	1980	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC22	2340	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute summer	FC23	2340	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC24	2520	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC25	1860	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute summer	FC18	Infiltration		0.0				0.0
4320 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
4320 minute summer	FC19	Infiltration		0.0				0.0
4320 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
4320 minute summer	FC20	Infiltration		0.0				0.0
4320 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
4320 minute summer	FC21	Infiltration		0.0				0.0
4320 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
4320 minute summer	FC22	Infiltration		0.0				0.0
4320 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute summer	FC23	Infiltration		0.0				0.0
4320 minute summer	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
4320 minute summer	FC24	Infiltration		0.0				0.0
4320 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC26	2100	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute summer	FC27	1980	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute summer	FC28	1860	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC29	1860	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC30	2460	186.772	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC31	2340	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC32	2160	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC25	Infiltration		0.0				0.0
4320 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute summer	FC26	Infiltration		0.0				0.0
4320 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
4320 minute summer	FC27	Infiltration		0.0				0.0
4320 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
4320 minute summer	FC28	Infiltration		0.0				0.0
4320 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
4320 minute summer	FC29	Infiltration		0.0				0.0
4320 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
4320 minute summer	FC30	Infiltration		0.0				0.0
4320 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
4320 minute summer	FC31	Infiltration		0.0				0.0
4320 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
4320 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC33	2580	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC34	2580	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC35	1920	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC36	1860	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC37	2220	185.850	0.050	0.2	0.0678	0.0000	OK
4320 minute summer	FC38	2400	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute summer	FC39	2280	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC40	1860	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
4320 minute summer	FC33	Infiltration		0.0				0.0
4320 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
4320 minute summer	FC34	Infiltration		0.0				0.0
4320 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
4320 minute summer	FC35	Infiltration		0.0				0.0
4320 minute summer	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
4320 minute summer	FC36	Infiltration		0.0				0.0
4320 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
4320 minute summer	FC37	Infiltration		0.0				0.0
4320 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute summer	FC38	Infiltration		0.0				0.0
4320 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute summer	FC39	Infiltration		0.0				0.0
4320 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC41	1920	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC42	2100	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC43	2340	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC44	1980	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute summer	FC45	2160	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC46	2220	184.752	0.052	0.2	0.0701	0.0000	OK
4320 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC48	2160	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC40	Infiltration		0.0				0.0
4320 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
4320 minute summer	FC41	Infiltration		0.0				0.0
4320 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
4320 minute summer	FC42	Infiltration		0.0				0.0
4320 minute summer	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
4320 minute summer	FC43	Infiltration		0.0				0.0
4320 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute summer	FC44	Infiltration		0.0				0.0
4320 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute summer	FC45	Infiltration		0.0				0.0
4320 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
4320 minute summer	FC46	Infiltration		0.0				0.0
4320 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
4320 minute summer	FC48	50.000	J42	0.1	0.268	0.007	0.0024	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC49	2400	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC50	2220	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC51	1920	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC52	2460	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC53	1980	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC54	2460	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC55	2340	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC48	Infiltration		0.0				0.0
4320 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
4320 minute summer	FC49	Infiltration		0.0				0.0
4320 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
4320 minute summer	FC50	Infiltration		0.0				0.0
4320 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
4320 minute summer	FC51	Infiltration		0.0				0.0
4320 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
4320 minute summer	FC52	Infiltration		0.0				0.0
4320 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
4320 minute summer	FC53	Infiltration		0.0				0.0
4320 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute summer	FC54	Infiltration		0.0				0.0
4320 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC56	1980	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC57	2340	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC58	2460	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC59	2280	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC60	2580	185.372	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC61	2520	185.322	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC62	2220	185.301	0.050	0.2	0.0682	0.0000	OK
4320 minute summer	FC63	2400	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute summer	FC56	Infiltration		0.0				0.0
4320 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute summer	FC57	Infiltration		0.0				0.0
4320 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute summer	FC58	Infiltration		0.0				0.0
4320 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute summer	FC59	Infiltration		0.0				0.0
4320 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
4320 minute summer	FC60	Infiltration		0.0				0.0
4320 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
4320 minute summer	FC61	Infiltration		0.0				0.0
4320 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
4320 minute summer	FC62	Infiltration		0.0				0.0
4320 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC64	2400	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC65	1860	185.172	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC66	2400	185.022	0.022	0.1	0.0284	0.0000	OK
4320 minute summer	FC67	2100	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute summer	FC68	2340	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	J1	2280	188.217	0.017	0.5	0.0252	0.0000	OK
4320 minute summer	J2	2220	188.081	0.025	0.6	0.0282	0.0000	OK
4320 minute summer	J3	2220	188.075	0.025	0.8	0.0287	0.0000	OK
4320 minute summer	J4	2220	188.057	0.018	0.9	0.0198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC63	Infiltration		0.0				0.0
4320 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
4320 minute summer	FC64	Infiltration		0.0				0.0
4320 minute summer	FC65	67.000	J55	0.1	0.275	0.010	0.0014	
4320 minute summer	FC65	Infiltration		0.0				0.0
4320 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
4320 minute summer	FC66	Infiltration		0.0				0.0
4320 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute summer	FC67	Infiltration		0.0				0.0
4320 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute summer	FC68	Infiltration		0.0				0.0
4320 minute summer	J1	1.001	J2	0.5	0.572	0.060	0.0044	
4320 minute summer	J2	1.002	J3	0.6	0.329	0.045	0.0020	
4320 minute summer	J3	1.003	J4	0.8	0.520	0.060	0.0030	
4320 minute summer	J4	1.004	J5	0.9	0.811	0.026	0.0039	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J5	2220	187.927	0.017	1.0	0.0190	0.0000	OK
4320 minute summer	J6	2220	187.672	0.022	1.1	0.0246	0.0000	OK
4320 minute summer	J7	2220	187.553	0.028	1.2	0.0319	0.0000	OK
4320 minute summer	J8	2220	187.540	0.019	1.3	0.0216	0.0000	OK
4320 minute summer	J9	2220	187.306	0.031	1.4	0.0347	0.0000	OK
4320 minute summer	J10	2220	187.288	0.018	1.6	0.0200	0.0000	OK
4320 minute summer	J11	2220	187.146	0.025	1.7	0.0285	0.0000	OK
4320 minute summer	J12	2220	186.839	0.030	2.4	0.0342	0.0000	OK
4320 minute summer	J13	2220	186.676	0.049	2.5	0.0551	0.0000	OK
4320 minute summer	J14	2220	186.669	0.047	2.6	0.0535	0.0000	OK
4320 minute summer	J15	2220	186.660	0.043	2.7	0.0491	0.0000	OK
4320 minute summer	J16	2220	186.636	0.031	2.8	0.0353	0.0000	OK
4320 minute summer	J17	2220	186.304	0.021	2.9	0.0233	0.0000	OK
4320 minute summer	J18	2220	186.149	0.024	3.3	0.0266	0.0000	OK
4320 minute summer	J19	2220	186.078	0.051	3.4	0.0579	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J5	1.005	J6	1.0	0.758	0.026	0.0075	
4320 minute summer	J6	1.006	J7	1.1	0.737	0.039	0.0029	
4320 minute summer	J7	1.007	J8	1.2	0.545	0.039	0.0025	
4320 minute summer	J8	1.008	J9	1.3	0.549	0.015	0.0204	
4320 minute summer	J9	1.009	J10	1.4	0.617	0.042	0.0028	
4320 minute summer	J10	1.010	J11	1.6	0.839	0.012	0.0047	
4320 minute summer	J11	1.011	S2	1.7	0.440	0.026	0.0212	
4320 minute summer	J12	1.013	J13	2.4	0.780	0.036	0.0199	
4320 minute summer	J13	1.014	J14	2.5	0.345	0.044	0.0137	
4320 minute summer	J14	1.015	J15	2.6	0.390	0.046	0.0128	
4320 minute summer	J15	1.016	J16	2.7	0.538	0.051	0.0260	
4320 minute summer	J16	1.017	J17	2.8	0.763	0.020	0.0123	
4320 minute summer	J17	1.018	S3	2.9	0.684	0.009	0.0084	
4320 minute summer	J18	1.020	J19	3.3	0.656	0.012	0.0078	
4320 minute summer	J19	1.021	S4	3.4	0.481	0.062	0.0311	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J20	2220	186.051	0.020	0.5	0.0230	0.0000	OK
4320 minute summer	J21	2280	186.031	0.022	0.6	0.0245	0.0000	OK
4320 minute summer	J22	2340	185.987	0.024	0.7	0.0274	0.0000	OK
4320 minute summer	J23	2280	185.968	0.025	0.8	0.0288	0.0000	OK
4320 minute summer	J24	2340	185.849	0.032	1.2	0.0357	0.0000	OK
4320 minute summer	J25	2340	185.829	0.033	1.3	0.0376	0.0000	OK
4320 minute summer	J26	2340	185.814	0.035	1.4	0.0398	0.0000	OK
4320 minute summer	J27	2280	185.775	0.039	1.8	0.0439	0.0000	OK
4320 minute summer	J28	2280	186.374	0.018	0.4	0.0199	0.0000	OK
4320 minute summer	J29	2280	186.291	0.020	0.5	0.0229	0.0000	OK
4320 minute summer	J30	2160	186.176	0.029	1.0	0.0327	0.0000	OK
4320 minute summer	J31	2220	186.074	0.030	1.1	0.0338	0.0000	OK
4320 minute summer	J32	2280	186.042	0.031	1.2	0.0346	0.0000	OK
4320 minute summer	J33	2220	185.555	0.020	1.7	0.0227	0.0000	OK
4320 minute summer	J34	2220	185.163	0.038	2.2	0.0430	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J20	23.002	J21	0.5	0.335	0.037	0.0056	
4320 minute summer	J21	23.003	J22	0.6	0.354	0.045	0.0136	
4320 minute summer	J22	23.004	J23	0.7	0.367	0.052	0.0069	
4320 minute summer	J23	23.005	S18	0.8	0.413	0.060	0.0146	
4320 minute summer	J24	23.007	J25	1.2	0.342	0.040	0.0217	
4320 minute summer	J25	23.008	J26	1.3	0.343	0.043	0.0188	
4320 minute summer	J26	23.009	S19	1.4	0.340	0.046	0.0153	
4320 minute summer	J27	23.011	S4	1.8	0.436	0.060	0.0119	
4320 minute summer	J28	32.001	J29	0.4	0.389	0.068	0.0091	
4320 minute summer	J29	32.002	S12	0.5	0.452	0.084	0.0051	
4320 minute summer	J30	32.004	J31	1.0	0.433	0.075	0.0115	
4320 minute summer	J31	32.005	J32	1.1	0.348	0.037	0.0308	
4320 minute summer	J32	32.006	S13	1.2	0.499	0.040	0.0130	
4320 minute summer	J33	32.008	S14	1.7	0.661	0.016	0.0239	
4320 minute summer	J34	32.010	J35	2.2	0.654	0.057	0.0307	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J35	2220	185.100	0.025	2.3	0.0282	0.0000	OK
4320 minute summer	J36	2220	184.916	0.041	2.4	0.0460	0.0000	OK
4320 minute summer	J37	2220	184.544	0.044	2.9	0.0495	0.0000	OK
4320 minute summer	J38	2220	184.353	0.053	3.4	0.0596	0.0000	OK
4320 minute summer	J39	2220	184.324	0.050	3.5	0.0563	0.0000	OK
4320 minute summer	J40	2220	184.305	0.040	3.6	0.0455	0.0000	OK
4320 minute summer	J41	2220	184.610	0.013	0.2	0.0143	0.0000	OK
4320 minute summer	J42	2220	184.553	0.016	0.3	0.0176	0.0000	OK
4320 minute summer	J43	2220	184.405	0.025	0.7	0.0284	0.0000	OK
4320 minute summer	J44	2220	184.395	0.025	0.8	0.0283	0.0000	OK
4320 minute summer	J45	2220	184.348	0.028	0.9	0.0315	0.0000	OK
4320 minute summer	J46	2220	184.255	0.033	1.3	0.0378	0.0000	OK
4320 minute summer	J47	2220	184.245	0.038	1.4	0.0426	0.0000	OK
4320 minute summer	J48	2220	184.232	0.038	1.8	0.0433	0.0000	OK
4320 minute summer	J49	2220	184.213	0.044	1.9	0.0501	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J35	32.011	J36	2.3	0.644	0.026	0.0249	
4320 minute summer	J36	32.012	S15	2.4	0.635	0.080	0.0091	
4320 minute summer	J37	32.014	S16	2.9	0.703	0.053	0.0223	
4320 minute summer	J38	32.016	J39	3.4	0.426	0.063	0.0863	
4320 minute summer	J39	32.017	J40	3.5	0.530	0.064	0.0242	
4320 minute summer	J40	32.018	S10	3.6	0.660	0.036	0.0522	
4320 minute summer	J41	48.002	J42	0.2	0.299	0.034	0.0042	
4320 minute summer	J42	48.003	S21	0.3	0.392	0.051	0.0063	
4320 minute summer	J43	48.005	J44	0.7	0.362	0.050	0.0031	
4320 minute summer	J44	48.006	J45	0.8	0.384	0.060	0.0183	
4320 minute summer	J45	48.007	S22	0.9	0.419	0.066	0.0051	
4320 minute summer	J46	48.009	J47	1.3	0.324	0.042	0.0169	
4320 minute summer	J47	48.010	S23	1.4	0.303	0.046	0.0122	
4320 minute summer	J48	48.012	J49	1.8	0.361	0.060	0.0371	
4320 minute summer	J49	48.013	J50	1.9	0.357	0.062	0.0060	

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J50	2220	184.207	0.042	2.0	0.0478	0.0000	OK
4320 minute summer	J51	2220	184.195	0.047	2.1	0.0529	0.0000	OK
4320 minute summer	J52	2220	184.189	0.045	2.3	0.0504	0.0000	OK
4320 minute summer	J53	2220	184.171	0.044	2.4	0.0500	0.0000	OK
4320 minute summer	J54	2220	185.149	0.020	0.5	0.0231	0.0000	OK
4320 minute summer	J55	2220	185.113	0.019	0.6	0.0219	0.0000	OK
4320 minute summer	J56	2220	184.061	0.054	3.5	0.0610	0.0000	OK
4320 minute summer	J57	2220	184.041	0.056	3.6	0.0629	0.0000	OK
4320 minute summer	BASIN 1	2520	185.772	0.847	5.5	98.2762	0.0000	SURCHARGED
4320 minute summer	BASIN 2	2580	184.847	0.547	3.3	55.2665	0.0000	OK
4320 minute summer	BASIN 3	3720	183.648	0.548	7.2	420.5886	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J50	48.014	J51	2.0	0.361	0.067	0.0282	
4320 minute summer	J51	48.015	J52	2.1	0.370	0.069	0.0065	
4320 minute summer	J52	48.016	J53	2.3	0.417	0.075	0.0269	
4320 minute summer	J53	48.017	S24	2.4	0.474	0.080	0.0520	
4320 minute summer	J54	65.002	J55	0.5	0.453	0.084	0.0040	
4320 minute summer	J55	65.003	S24	0.6	0.572	0.079	0.0082	
4320 minute summer	J56	48.019	J57	3.5	0.399	0.065	0.0797	
4320 minute summer	J57	48.020	S25	3.6	0.404	0.066	0.0545	
4320 minute summer	BASIN 1	1.023	S5	3.2	0.093	0.038	0.9418	
4320 minute summer	BASIN 1	Infiltration		0.1				10.8
4320 minute summer	BASIN 2	1.027	S7	3.2	0.540	0.038	0.1312	
4320 minute summer	BASIN 2	71.000	BH1	0.2	0.272	0.038	0.1829	
4320 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute summer	BASIN 3	1.034	BH2	0.3	0.012	0.003	1.8265	
4320 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	BASIN 4	3000	183.907	0.577	4.3	173.5654	0.0000	SURCHARGED
4320 minute summer	SWALE 1	2520	184.923	0.049	3.2	0.0706	0.0000	OK
4320 minute summer	SWALE 2	2580	184.425	0.050	3.2	0.0715	0.0000	OK
4320 minute summer	SWALE 3	2220	184.054	0.059	6.7	0.0850	0.0000	OK
4320 minute summer	BH1	2580	184.847	0.770	0.2	3.0333	0.0000	OK
4320 minute summer	BH2	3720	183.648	0.565	0.3	4.4133	0.0000	OK
4320 minute summer	BH3	3000	183.907	0.588	0.3	4.3500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	BASIN 4	48.022	BH3	0.3	0.148	0.005	0.3211	
4320 minute summer	BASIN 4	Infiltration		0.0				0.0
4320 minute summer	SWALE 1	1.025	S6	3.2	0.360	0.038	0.3310	
4320 minute summer	SWALE 2	1.029	S8	3.2	0.517	0.038	0.1615	
4320 minute summer	SWALE 3	1.033	BASIN 3	6.7	0.618	0.054	0.4710	
4320 minute summer	BH1	Infiltration		0.1				21.1
4320 minute summer	BH2	Infiltration		0.2				23.9
4320 minute summer	BH3	Infiltration		0.2				32.9

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S1	2100	188.381	0.011	0.2	0.0155	0.0000	OK
4320 minute winter	S2	2160	187.079	0.040	1.9	0.0692	0.0000	OK
4320 minute winter	S3	2160	186.180	0.043	2.7	0.0566	0.0000	OK
4320 minute winter	S4	2640	185.656	0.278	4.5	0.3564	0.0000	OK
4320 minute winter	S5	2640	185.656	0.746	2.9	1.0672	0.0000	SURCHARGED
4320 minute winter	S6	2640	184.858	0.049	2.9	0.0708	0.0000	OK
4320 minute winter	S7	2640	184.785	0.026	2.9	0.0373	0.0000	OK
4320 minute winter	S8	2640	184.358	0.028	2.9	0.0399	0.0000	OK
4320 minute winter	S9	2400	184.171	0.046	2.9	0.0660	0.0000	OK
4320 minute winter	S10	2400	184.148	0.035	5.7	0.0636	0.0000	OK
4320 minute winter	S11	1860	186.413	0.013	0.2	0.0201	0.0000	OK
4320 minute winter	S12	2040	186.200	0.024	0.7	0.0354	0.0000	OK
4320 minute winter	S13	2040	186.011	0.018	1.2	0.0265	0.0000	OK
4320 minute winter	S14	2040	185.202	0.027	1.5	0.0432	0.0000	OK
4320 minute winter	S15	2160	184.890	0.023	2.0	0.0368	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
4320 minute winter	S2	1.012	J12	1.9	0.441	0.064	0.0064	
4320 minute winter	S3	1.019	J18	2.7	0.675	0.051	0.0213	
4320 minute winter	S4	1.022	BASIN 1	4.5	0.670	0.027	1.1586	
4320 minute winter	S5	1.024	SWALE 1	2.9	0.357	0.035	0.1669	
4320 minute winter	S6	1.026	BASIN 2	2.9	0.382	0.034	0.0479	
4320 minute winter	S7	1.028	SWALE 2	2.9	0.522	0.010	0.0967	
4320 minute winter	S8	1.030	S9	2.9	0.540	0.011	0.0679	
4320 minute winter	S9	1.031	S10	2.9	0.532	0.035	0.0429	
4320 minute winter	S10	1.032	SWALE 3	5.7	0.771	0.017	0.0329	
4320 minute winter	S11	32.000	J28	0.2	0.345	0.034	0.0030	
4320 minute winter	S12	32.003	J30	0.7	0.366	0.052	0.0097	
4320 minute winter	S13	32.007	J33	1.2	0.833	0.012	0.0187	
4320 minute winter	S14	32.009	J34	1.5	0.484	0.030	0.0165	
4320 minute winter	S15	32.013	J37	2.0	0.933	0.022	0.0200	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	2220	184.505	0.018	2.3	0.0279	0.0000	OK
4320 minute winter	S17	2340	186.166	0.016	0.3	0.0248	0.0000	OK
4320 minute winter	S18	2400	185.853	0.029	0.9	0.0423	0.0000	OK
4320 minute winter	S19	2340	185.800	0.034	1.4	0.0485	0.0000	OK
4320 minute winter	S20	2700	184.651	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	S21	1920	184.427	0.018	0.4	0.0237	0.0000	OK
4320 minute winter	S22	2340	184.259	0.028	0.9	0.0367	0.0000	OK
4320 minute winter	S23	2280	184.234	0.036	1.3	0.0458	0.0000	OK
4320 minute winter	S24	2280	184.066	0.049	2.7	0.0647	0.0000	OK
4320 minute winter	S25	2400	184.019	0.049	3.1	0.0682	0.0000	OK
4320 minute winter	S26	2220	185.389	0.012	0.3	0.0174	0.0000	OK
4320 minute winter	FC1	2580	188.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC2	2340	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	2.3	0.594	0.007	0.0095	
4320 minute winter	S17	23.001	J20	0.3	0.393	0.051	0.0055	
4320 minute winter	S18	23.006	J24	0.9	0.307	0.028	0.0054	
4320 minute winter	S19	23.010	J27	1.4	0.364	0.047	0.0343	
4320 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
4320 minute winter	S21	48.004	J43	0.4	0.303	0.030	0.0068	
4320 minute winter	S22	48.008	J46	0.9	0.307	0.029	0.0071	
4320 minute winter	S23	48.011	J48	1.3	0.339	0.042	0.0043	
4320 minute winter	S24	48.018	J56	2.7	0.367	0.050	0.0313	
4320 minute winter	S25	48.021	BASIN 4	3.1	0.465	0.058	0.0257	
4320 minute winter	S26	65.001	J54	0.3	0.409	0.029	0.0063	
4320 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
4320 minute winter	FC1	Infiltration		0.0				0.0
4320 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
4320 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC3	1680	188.222	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC4	2340	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC5	2280	188.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC6	2220	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC7	2340	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC8	2220	187.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC9	2040	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC10	1740	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
4320 minute winter	FC3	Infiltration		0.0				0.0
4320 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute winter	FC4	Infiltration		0.0				0.0
4320 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
4320 minute winter	FC5	Infiltration		0.0				0.0
4320 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute winter	FC6	Infiltration		0.0				0.0
4320 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute winter	FC7	Infiltration		0.0				0.0
4320 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
4320 minute winter	FC8	Infiltration		0.0				0.0
4320 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute winter	FC9	Infiltration		0.0				0.0
4320 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC11	2340	187.342	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC12	2340	187.252	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC13	2280	187.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC14	2580	186.922	0.022	0.1	0.2805	0.0000	OK
4320 minute winter	FC15	2040	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute winter	FC16	2280	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC17	2280	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC10	Infiltration		0.0				0.0
4320 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
4320 minute winter	FC11	Infiltration		0.0				0.0
4320 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
4320 minute winter	FC12	Infiltration		0.0				0.0
4320 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
4320 minute winter	FC13	Infiltration		0.0				0.0
4320 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
4320 minute winter	FC14	Infiltration		0.0				0.0
4320 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute winter	FC15	Infiltration		0.0				0.0
4320 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute winter	FC16	Infiltration		0.0				0.0
4320 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC18	2340	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC19	1860	186.422	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC20	1800	186.972	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC21	2340	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC22	2400	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute winter	FC23	2100	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC24	2100	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC25	1800	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute winter	FC18	Infiltration		0.0				0.0
4320 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
4320 minute winter	FC19	Infiltration		0.0				0.0
4320 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
4320 minute winter	FC20	Infiltration		0.0				0.0
4320 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
4320 minute winter	FC21	Infiltration		0.0				0.0
4320 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0023	
4320 minute winter	FC22	Infiltration		0.0				0.0
4320 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute winter	FC23	Infiltration		0.0				0.0
4320 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
4320 minute winter	FC24	Infiltration		0.0				0.0
4320 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC26	2340	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute winter	FC27	2040	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute winter	FC28	1800	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC29	1800	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC30	2340	186.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC31	2340	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC32	2400	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC25	Infiltration		0.0				0.0
4320 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute winter	FC26	Infiltration		0.0				0.0
4320 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0007	
4320 minute winter	FC27	Infiltration		0.0				0.0
4320 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
4320 minute winter	FC28	Infiltration		0.0				0.0
4320 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
4320 minute winter	FC29	Infiltration		0.0				0.0
4320 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
4320 minute winter	FC30	Infiltration		0.0				0.0
4320 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0022	
4320 minute winter	FC31	Infiltration		0.0				0.0
4320 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0024	
4320 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC33	2040	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC34	1980	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC35	2040	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC36	1800	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC37	1620	185.822	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC38	2340	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute winter	FC39	2100	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC40	1800	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
4320 minute winter	FC33	Infiltration		0.0				0.0
4320 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
4320 minute winter	FC34	Infiltration		0.0				0.0
4320 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
4320 minute winter	FC35	Infiltration		0.0				0.0
4320 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
4320 minute winter	FC36	Infiltration		0.0				0.0
4320 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
4320 minute winter	FC37	Infiltration		0.0				0.0
4320 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute winter	FC38	Infiltration		0.0				0.0
4320 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute winter	FC39	Infiltration		0.0				0.0
4320 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC41	2460	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC42	2280	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC43	1800	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC44	2040	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute winter	FC45	2100	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC46	2880	184.722	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC48	2460	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC40	Infiltration		0.0				0.0
4320 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
4320 minute winter	FC41	Infiltration		0.0				0.0
4320 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
4320 minute winter	FC42	Infiltration		0.0				0.0
4320 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
4320 minute winter	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute winter	FC44	Infiltration		0.0				0.0
4320 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute winter	FC45	Infiltration		0.0				0.0
4320 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
4320 minute winter	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
4320 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC49	2340	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC50	2040	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC51	2160	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC52	2340	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC53	2520	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC54	2400	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC55	2340	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC48	Infiltration		0.0				0.0
4320 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
4320 minute winter	FC49	Infiltration		0.0				0.0
4320 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
4320 minute winter	FC50	Infiltration		0.0				0.0
4320 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
4320 minute winter	FC51	Infiltration		0.0				0.0
4320 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
4320 minute winter	FC52	Infiltration		0.0				0.0
4320 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
4320 minute winter	FC53	Infiltration		0.0				0.0
4320 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute winter	FC54	Infiltration		0.0				0.0
4320 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC56	2040	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC57	2340	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC58	2340	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC59	2220	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC60	1860	185.372	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC61	2400	185.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC62	2460	185.272	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC63	2220	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute winter	FC56	Infiltration		0.0				0.0
4320 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute winter	FC57	Infiltration		0.0				0.0
4320 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute winter	FC58	Infiltration		0.0				0.0
4320 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute winter	FC59	Infiltration		0.0				0.0
4320 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
4320 minute winter	FC60	Infiltration		0.0				0.0
4320 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
4320 minute winter	FC61	Infiltration		0.0				0.0
4320 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
4320 minute winter	FC62	Infiltration		0.0				0.0
4320 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC64	2100	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC65	1860	185.172	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC66	2340	185.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC67	2340	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute winter	FC68	2040	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	J1	2160	188.217	0.017	0.5	0.0252	0.0000	OK
4320 minute winter	J2	2280	188.080	0.024	0.6	0.0276	0.0000	OK
4320 minute winter	J3	2100	188.074	0.024	0.7	0.0269	0.0000	OK
4320 minute winter	J4	2220	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC63	Infiltration		0.0				0.0
4320 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
4320 minute winter	FC64	Infiltration		0.0				0.0
4320 minute winter	FC65	67.000	J55	0.1	0.276	0.010	0.0013	
4320 minute winter	FC65	Infiltration		0.0				0.0
4320 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
4320 minute winter	FC66	Infiltration		0.0				0.0
4320 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute winter	FC67	Infiltration		0.0				0.0
4320 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute winter	FC68	Infiltration		0.0				0.0
4320 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
4320 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0019	
4320 minute winter	J3	1.003	J4	0.7	0.498	0.053	0.0028	
4320 minute winter	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J5	2220	187.926	0.016	0.9	0.0181	0.0000	OK
4320 minute winter	J6	2160	187.671	0.021	1.0	0.0235	0.0000	OK
4320 minute winter	J7	2340	187.552	0.027	1.1	0.0306	0.0000	OK
4320 minute winter	J8	2340	187.539	0.018	1.2	0.0208	0.0000	OK
4320 minute winter	J9	2280	187.305	0.030	1.3	0.0334	0.0000	OK
4320 minute winter	J10	2340	187.287	0.017	1.4	0.0188	0.0000	OK
4320 minute winter	J11	2280	187.145	0.024	1.5	0.0268	0.0000	OK
4320 minute winter	J12	2340	186.837	0.028	2.0	0.0313	0.0000	OK
4320 minute winter	J13	2160	186.672	0.045	2.1	0.0505	0.0000	OK
4320 minute winter	J14	2220	186.666	0.044	2.2	0.0494	0.0000	OK
4320 minute winter	J15	2340	186.657	0.040	2.3	0.0456	0.0000	OK
4320 minute winter	J16	2160	186.634	0.029	2.4	0.0326	0.0000	OK
4320 minute winter	J17	2340	186.302	0.019	2.5	0.0218	0.0000	OK
4320 minute winter	J18	2160	186.146	0.021	2.8	0.0242	0.0000	OK
4320 minute winter	J19	2160	186.075	0.047	2.9	0.0537	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J5	1.005	J6	0.9	0.733	0.024	0.0070	
4320 minute winter	J6	1.006	J7	1.0	0.719	0.035	0.0027	
4320 minute winter	J7	1.007	J8	1.1	0.529	0.036	0.0024	
4320 minute winter	J8	1.008	J9	1.2	0.534	0.013	0.0194	
4320 minute winter	J9	1.009	J10	1.3	0.631	0.040	0.0026	
4320 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043	
4320 minute winter	J11	1.011	S2	1.5	0.439	0.023	0.0187	
4320 minute winter	J12	1.013	J13	2.0	0.739	0.030	0.0175	
4320 minute winter	J13	1.014	J14	2.1	0.327	0.037	0.0122	
4320 minute winter	J14	1.015	J15	2.2	0.369	0.039	0.0114	
4320 minute winter	J15	1.016	J16	2.3	0.512	0.043	0.0232	
4320 minute winter	J16	1.017	J17	2.4	0.732	0.017	0.0110	
4320 minute winter	J17	1.018	S3	2.5	0.656	0.008	0.0075	
4320 minute winter	J18	1.020	J19	2.8	0.628	0.010	0.0070	
4320 minute winter	J19	1.021	S4	2.9	0.457	0.053	0.0279	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J20	2280	186.049	0.018	0.4	0.0205	0.0000	OK
4320 minute winter	J21	2400	186.029	0.020	0.5	0.0224	0.0000	OK
4320 minute winter	J22	2400	185.985	0.022	0.6	0.0253	0.0000	OK
4320 minute winter	J23	2400	185.966	0.024	0.7	0.0270	0.0000	OK
4320 minute winter	J24	2340	185.846	0.029	1.0	0.0325	0.0000	OK
4320 minute winter	J25	2340	185.827	0.030	1.1	0.0345	0.0000	OK
4320 minute winter	J26	2340	185.811	0.032	1.2	0.0366	0.0000	OK
4320 minute winter	J27	2400	185.772	0.036	1.5	0.0402	0.0000	OK
4320 minute winter	J28	2400	186.371	0.015	0.3	0.0173	0.0000	OK
4320 minute winter	J29	2220	186.289	0.018	0.4	0.0205	0.0000	OK
4320 minute winter	J30	2400	186.173	0.026	0.8	0.0293	0.0000	OK
4320 minute winter	J31	2220	186.071	0.027	0.9	0.0305	0.0000	OK
4320 minute winter	J32	2220	186.039	0.028	1.0	0.0318	0.0000	OK
4320 minute winter	J33	2280	185.553	0.018	1.3	0.0200	0.0000	OK
4320 minute winter	J34	2340	185.158	0.033	1.6	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J20	23.002	J21	0.4	0.311	0.030	0.0049	
4320 minute winter	J21	23.003	J22	0.5	0.333	0.037	0.0120	
4320 minute winter	J22	23.004	J23	0.6	0.350	0.044	0.0062	
4320 minute winter	J23	23.005	S18	0.7	0.397	0.052	0.0132	
4320 minute winter	J24	23.007	J25	1.0	0.326	0.033	0.0190	
4320 minute winter	J25	23.008	J26	1.1	0.328	0.036	0.0166	
4320 minute winter	J26	23.009	S19	1.2	0.333	0.039	0.0133	
4320 minute winter	J27	23.011	S4	1.5	0.413	0.050	0.0087	
4320 minute winter	J28	32.001	J29	0.3	0.350	0.051	0.0076	
4320 minute winter	J29	32.002	S12	0.4	0.424	0.067	0.0044	
4320 minute winter	J30	32.004	J31	0.8	0.407	0.060	0.0098	
4320 minute winter	J31	32.005	J32	0.9	0.326	0.030	0.0269	
4320 minute winter	J32	32.006	S13	1.0	0.475	0.033	0.0114	
4320 minute winter	J33	32.008	S14	1.3	0.631	0.012	0.0190	
4320 minute winter	J34	32.010	J35	1.6	0.593	0.041	0.0247	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J35	2400	185.097	0.022	1.7	0.0244	0.0000	OK
4320 minute winter	J36	2400	184.910	0.035	1.8	0.0401	0.0000	OK
4320 minute winter	J37	2280	184.538	0.038	2.1	0.0429	0.0000	OK
4320 minute winter	J38	2220	184.344	0.044	2.4	0.0501	0.0000	OK
4320 minute winter	J39	2340	184.317	0.043	2.5	0.0482	0.0000	OK
4320 minute winter	J40	2340	184.299	0.034	2.6	0.0388	0.0000	OK
4320 minute winter	J41	1560	184.606	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J42	2100	184.550	0.013	0.2	0.0145	0.0000	OK
4320 minute winter	J43	2340	184.401	0.021	0.5	0.0239	0.0000	OK
4320 minute winter	J44	2160	184.392	0.022	0.6	0.0244	0.0000	OK
4320 minute winter	J45	2160	184.345	0.024	0.7	0.0277	0.0000	OK
4320 minute winter	J46	2160	184.251	0.029	1.0	0.0328	0.0000	OK
4320 minute winter	J47	2040	184.240	0.033	1.1	0.0370	0.0000	OK
4320 minute winter	J48	2280	184.228	0.033	1.4	0.0379	0.0000	OK
4320 minute winter	J49	2100	184.208	0.039	1.5	0.0442	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J35	32.011	J36	1.7	0.585	0.019	0.0203	
4320 minute winter	J36	32.012	S15	1.8	0.591	0.060	0.0073	
4320 minute winter	J37	32.014	S16	2.1	0.635	0.038	0.0178	
4320 minute winter	J38	32.016	J39	2.4	0.382	0.044	0.0679	
4320 minute winter	J39	32.017	J40	2.5	0.476	0.046	0.0193	
4320 minute winter	J40	32.018	S10	2.6	0.600	0.026	0.0415	
4320 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
4320 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
4320 minute winter	J43	48.005	J44	0.5	0.348	0.036	0.0025	
4320 minute winter	J44	48.006	J45	0.6	0.351	0.045	0.0150	
4320 minute winter	J45	48.007	S22	0.7	0.391	0.052	0.0043	
4320 minute winter	J46	48.009	J47	1.0	0.306	0.032	0.0138	
4320 minute winter	J47	48.010	S23	1.1	0.291	0.036	0.0100	
4320 minute winter	J48	48.012	J49	1.4	0.339	0.047	0.0308	
4320 minute winter	J49	48.013	J50	1.5	0.337	0.049	0.0051	

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	2160	184.202	0.037	1.6	0.0423	0.0000	OK
4320 minute winter	J51	2100	184.189	0.041	1.7	0.0468	0.0000	OK
4320 minute winter	J52	2220	184.183	0.039	1.8	0.0444	0.0000	OK
4320 minute winter	J53	2100	184.166	0.039	1.9	0.0446	0.0000	OK
4320 minute winter	J54	2220	185.147	0.018	0.4	0.0206	0.0000	OK
4320 minute winter	J55	2040	185.112	0.018	0.5	0.0201	0.0000	OK
4320 minute winter	J56	2160	184.055	0.048	2.8	0.0543	0.0000	OK
4320 minute winter	J57	2160	184.035	0.050	2.9	0.0562	0.0000	OK
4320 minute winter	BASIN 1	2640	185.656	0.731	4.6	81.6642	0.0000	SURCHARGED
4320 minute winter	BASIN 2	2640	184.845	0.545	3.0	55.0732	0.0000	OK
4320 minute winter	BASIN 3	3780	183.688	0.588	6.0	438.5313	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	1.6	0.344	0.054	0.0236	
4320 minute winter	J51	48.015	J52	1.7	0.354	0.055	0.0055	
4320 minute winter	J52	48.016	J53	1.8	0.388	0.059	0.0226	
4320 minute winter	J53	48.017	S24	1.9	0.447	0.063	0.0436	
4320 minute winter	J54	65.002	J55	0.4	0.420	0.068	0.0035	
4320 minute winter	J55	65.003	S24	0.5	0.542	0.066	0.0072	
4320 minute winter	J56	48.019	J57	2.8	0.377	0.052	0.0675	
4320 minute winter	J57	48.020	S25	2.9	0.382	0.053	0.0464	
4320 minute winter	BASIN 1	1.023	S5	2.9	0.096	0.035	0.9418	
4320 minute winter	BASIN 1	Infiltration		0.1				11.8
4320 minute winter	BASIN 2	1.027	S7	2.9	0.526	0.035	0.1248	
4320 minute winter	BASIN 2	71.000	BH1	0.1	0.272	0.025	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.3	0.089	0.003	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	3180	183.918	0.588	3.4	176.9415	0.0000	SURCHARGED
4320 minute winter	SWALE 1	2640	184.922	0.048	2.9	0.0681	0.0000	OK
4320 minute winter	SWALE 2	2640	184.423	0.048	2.9	0.0691	0.0000	OK
4320 minute winter	SWALE 3	2400	184.050	0.055	5.7	0.0785	0.0000	OK
4320 minute winter	BH1	2640	184.845	0.768	0.1	3.0284	0.0000	OK
4320 minute winter	BH2	3780	183.688	0.605	0.3	4.6116	0.0000	OK
4320 minute winter	BH3	3180	183.918	0.599	0.2	4.3987	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.2	0.196	0.004	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	2.9	0.352	0.035	0.3136	
4320 minute winter	SWALE 2	1.029	S8	2.9	0.504	0.035	0.1535	
4320 minute winter	SWALE 3	1.033	BASIN 3	5.7	0.590	0.046	0.4198	
4320 minute winter	BH1	Infiltration		0.1				21.7
4320 minute winter	BH2	Infiltration		0.2				23.9
4320 minute winter	BH3	Infiltration		0.2				34.7

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.762	0.392	9.2	0.5761	0.0000	SURCHARGED
15 minute summer	S2	11	187.250	0.211	39.7	0.3656	0.0000	OK
15 minute summer	S3	12	186.335	0.198	51.2	0.2630	0.0000	OK
15 minute summer	S4	62	185.630	0.252	95.6	0.3235	0.0000	OK
15 minute summer	S5	62	185.630	0.720	6.2	1.0308	0.0000	SURCHARGED
15 minute summer	S6	65	184.854	0.046	2.9	0.0664	0.0000	OK
15 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.311	0.186	3.0	0.2659	0.0000	OK
15 minute summer	S10	12	184.311	0.198	89.7	0.3595	0.0000	OK
15 minute summer	S11	12	186.883	0.483	11.9	0.7582	0.0000	SURCHARGED
15 minute summer	S12	11	186.429	0.253	18.9	0.3739	0.0000	SURCHARGED
15 minute summer	S13	11	186.089	0.095	31.8	0.1428	0.0000	OK
15 minute summer	S14	11	185.404	0.229	45.4	0.3611	0.0000	SURCHARGED
15 minute summer	S15	11	185.021	0.153	59.4	0.2413	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	7.2	0.921	0.825	0.0642	
15 minute summer	S2	1.012	J12	39.3	1.105	1.317	0.0524	
15 minute summer	S3	1.019	J18	51.3	1.185	0.963	0.2220	
15 minute summer	S4	1.022	BASIN 1	95.9	2.288	0.572	1.1179	
15 minute summer	S5	1.024	SWALE 1	2.9	0.408	0.034	0.1668	
15 minute summer	S6	1.026	BASIN 2	2.9	0.432	0.033	0.0385	
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.3270	
15 minute summer	S9	1.031	S10	-3.0	-0.207	-0.036	0.3785	
15 minute summer	S10	1.032	SWALE 3	88.5	1.368	0.268	0.2936	
15 minute summer	S11	32.000	J28	9.4	1.205	1.586	0.0355	
15 minute summer	S12	32.003	J30	18.5	1.053	1.388	0.0895	
15 minute summer	S13	32.007	J33	31.8	2.122	0.324	0.1949	
15 minute summer	S14	32.009	J34	45.3	1.152	0.893	0.2040	
15 minute summer	S15	32.013	J37	59.3	2.217	0.643	0.2508	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.647	0.160	72.8	0.2435	0.0000	OK
15 minute summer	S17	12	186.493	0.343	12.6	0.5459	0.0000	SURCHARGED
15 minute summer	S18	12	186.064	0.240	22.8	0.3547	0.0000	SURCHARGED
15 minute summer	S19	11	185.996	0.230	35.3	0.3312	0.0000	SURCHARGED
15 minute summer	S20	17	184.668	0.026	0.8	0.0294	0.0000	OK
15 minute summer	S21	12	184.571	0.162	10.1	0.2146	0.0000	SURCHARGED
15 minute summer	S22	12	184.489	0.258	18.6	0.3345	0.0000	SURCHARGED
15 minute summer	S23	12	184.462	0.264	26.3	0.3403	0.0000	SURCHARGED
15 minute summer	S24	12	184.281	0.264	46.4	0.3472	0.0000	OK
15 minute summer	S25	12	184.194	0.224	55.0	0.3102	0.0000	OK
15 minute summer	S26	12	185.555	0.178	9.7	0.2622	0.0000	SURCHARGED
15 minute summer	FC1	16	188.918	0.668	4.3	1.4307	0.0000	SURCHARGED
15 minute summer	FC2	16	188.809	0.659	4.3	1.3499	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	72.6	1.203	0.228	0.1253	
15 minute summer	S17	23.001	J20	11.2	1.435	1.894	0.0560	
15 minute summer	S18	23.006	J24	22.1	0.594	0.691	0.0729	
15 minute summer	S19	23.010	J27	35.1	0.898	1.171	0.3426	
15 minute summer	S20	48.001	J41	0.8	0.521	0.137	0.0073	
15 minute summer	S21	48.004	J43	9.7	0.642	0.728	0.0898	
15 minute summer	S22	48.008	J46	17.7	0.487	0.562	0.0967	
15 minute summer	S23	48.011	J48	25.8	0.649	0.837	0.0447	
15 minute summer	S24	48.018	J56	46.4	0.719	0.867	0.2736	
15 minute summer	S25	48.021	BASIN 4	55.1	1.083	1.033	0.1950	
15 minute summer	S26	65.001	J54	8.7	1.137	0.844	0.0667	
15 minute summer	FC1	2.000	J1	2.5	0.565	0.405	0.0372	
15 minute summer	FC1	Infiltration		0.0				0.0
15 minute summer	FC2	3.000	J2	1.0	0.516	0.176	0.0294	
15 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC3	16	188.864	0.664	5.9	1.9745	0.0000	SURCHARGED
15 minute summer	FC4	15	188.833	0.633	3.2	0.9330	0.0000	SURCHARGED
15 minute summer	FC5	16	188.656	0.656	4.3	1.3444	0.0000	SURCHARGED
15 minute summer	FC6	15	188.485	0.635	3.2	0.9324	0.0000	SURCHARGED
15 minute summer	FC7	15	188.385	0.635	3.2	0.9333	0.0000	SURCHARGED
15 minute summer	FC8	16	188.408	0.658	4.3	1.3407	0.0000	SURCHARGED
15 minute summer	FC9	15	188.105	0.635	3.2	0.9344	0.0000	SURCHARGED
15 minute summer	FC10	16	188.144	0.674	5.9	1.9780	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC3	4.000	J3	0.8	0.542	0.130	0.0374	
15 minute summer	FC3	Infiltration		0.0				0.0
15 minute summer	FC4	5.000	J4	0.8	0.608	0.106	0.0154	
15 minute summer	FC4	Infiltration		0.0				0.0
15 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0071	
15 minute summer	FC5	Infiltration		0.0				0.0
15 minute summer	FC6	7.000	J6	0.8	0.677	0.091	0.0238	
15 minute summer	FC6	Infiltration		0.0				0.0
15 minute summer	FC7	8.000	J7	0.8	0.588	0.111	0.0098	
15 minute summer	FC7	Infiltration		0.0				0.0
15 minute summer	FC8	9.000	J8	0.8	0.723	0.084	0.0047	
15 minute summer	FC8	Infiltration		0.0				0.0
15 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
15 minute summer	FC9	Infiltration		0.0				0.0
15 minute summer	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC11	16	187.982	0.662	4.3	1.3428	0.0000	SURCHARGED
15 minute summer	FC12	16	187.893	0.663	4.3	1.3422	0.0000	SURCHARGED
15 minute summer	FC13	16	187.662	0.662	4.3	1.3429	0.0000	SURCHARGED
15 minute summer	FC14	18	187.031	0.131	4.3	1.6662	0.0000	SURCHARGED
15 minute summer	FC15	15	187.836	0.636	3.2	0.9309	0.0000	SURCHARGED
15 minute summer	FC16	15	187.536	0.635	3.2	0.9339	0.0000	SURCHARGED
15 minute summer	FC17	15	187.636	0.635	3.2	0.9311	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC10	Infiltration		0.0				0.0
15 minute summer	FC11	12.000	J11	0.8	0.519	0.137	0.0120	
15 minute summer	FC11	Infiltration		0.0				0.0
15 minute summer	FC12	13.000	S2	0.8	0.519	0.137	0.0299	
15 minute summer	FC12	Infiltration		0.0				0.0
15 minute summer	FC13	14.000	J12	0.8	0.520	0.136	0.0107	
15 minute summer	FC13	Infiltration		0.0				0.0
15 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0067	
15 minute summer	FC14	Infiltration		0.0				0.0
15 minute summer	FC15	16.000	J14	0.8	1.101	0.046	0.0034	
15 minute summer	FC15	Infiltration		0.0				0.0
15 minute summer	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
15 minute summer	FC16	Infiltration		0.0				0.0
15 minute summer	FC17	18.000	J16	0.8	0.859	0.065	0.0045	
15 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC18	15	187.186	0.636	3.2	0.9342	0.0000	SURCHARGED
15 minute summer	FC19	16	187.062	0.662	4.3	1.3430	0.0000	SURCHARGED
15 minute summer	FC20	16	187.607	0.657	4.3	1.3388	0.0000	SURCHARGED
15 minute summer	FC21	16	186.958	0.658	4.3	1.3435	0.0000	SURCHARGED
15 minute summer	FC22	17	186.575	0.125	3.2	1.2057	0.0000	SURCHARGED
15 minute summer	FC23	15	186.935	0.635	3.2	0.9312	0.0000	SURCHARGED
15 minute summer	FC24	16	186.959	0.659	4.3	1.3392	0.0000	SURCHARGED
15 minute summer	FC25	16	187.208	0.658	4.3	1.3388	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC18	19.000	J17	0.8	0.515	0.134	0.0107	
15 minute summer	FC18	Infiltration		0.0				0.0
15 minute summer	FC19	20.000	S3	0.8	0.517	0.137	0.0103	
15 minute summer	FC19	Infiltration		0.0				0.0
15 minute summer	FC20	21.000	J18	0.8	1.046	0.050	0.0034	
15 minute summer	FC20	Infiltration		0.0				0.0
15 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0119	
15 minute summer	FC21	Infiltration		0.0				0.0
15 minute summer	FC22	23.000	S17	0.5	0.532	0.033	0.0268	
15 minute summer	FC22	Infiltration		0.0				0.0
15 minute summer	FC23	24.000	J20	0.8	0.910	0.060	0.0199	
15 minute summer	FC23	Infiltration		0.0				0.0
15 minute summer	FC24	25.000	J21	0.8	0.943	0.058	0.0201	
15 minute summer	FC24	Infiltration		0.0				0.0
15 minute summer	FC25	26.000	J22	0.8	1.038	0.051	0.0037	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC26	17	186.569	0.119	3.2	1.2025	0.0000	SURCHARGED
15 minute summer	FC27	15	187.134	0.634	3.2	0.9302	0.0000	SURCHARGED
15 minute summer	FC28	16	187.157	0.657	4.3	1.3390	0.0000	SURCHARGED
15 minute summer	FC29	16	187.154	0.654	4.3	1.3397	0.0000	SURCHARGED
15 minute summer	FC30	16	187.407	0.657	4.3	1.3395	0.0000	SURCHARGED
15 minute summer	FC31	15	187.090	0.640	3.2	0.9925	0.0000	SURCHARGED
15 minute summer	FC32	15	187.086	0.636	3.2	0.9436	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC25	Infiltration		0.0				0.0
15 minute summer	FC26	27.000	J23	0.3	0.707	0.025	0.0022	
15 minute summer	FC26	Infiltration		0.0				0.0
15 minute summer	FC27	28.000	J24	0.8	1.281	0.037	0.0190	
15 minute summer	FC27	Infiltration		0.0				0.0
15 minute summer	FC28	29.000	J25	0.8	1.044	0.051	0.0034	
15 minute summer	FC28	Infiltration		0.0				0.0
15 minute summer	FC29	30.000	J26	0.8	1.014	0.052	0.0038	
15 minute summer	FC29	Infiltration		0.0				0.0
15 minute summer	FC30	31.000	J27	0.8	0.973	0.056	0.0037	
15 minute summer	FC30	Infiltration		0.0				0.0
15 minute summer	FC31	33.000	J28	1.9	0.583	0.206	0.0333	
15 minute summer	FC31	Infiltration		0.0				0.0
15 minute summer	FC32	34.000	J29	1.4	0.433	0.109	0.0325	
15 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC33	16	187.110	0.660	4.3	1.3388	0.0000	SURCHARGED
15 minute summer	FC34	16	187.110	0.660	4.3	1.3427	0.0000	SURCHARGED
15 minute summer	FC35	16	187.107	0.657	4.3	1.3396	0.0000	SURCHARGED
15 minute summer	FC36	16	187.101	0.651	4.3	1.3402	0.0000	SURCHARGED
15 minute summer	FC37	16	186.480	0.680	5.9	1.9684	0.0000	SURCHARGED
15 minute summer	FC38	17	185.552	0.102	3.2	1.2194	0.0000	SURCHARGED
15 minute summer	FC39	15	186.083	0.633	3.2	0.9312	0.0000	SURCHARGED
15 minute summer	FC40	16	186.113	0.613	4.3	1.3496	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC33	35.000	S12	0.8	0.954	0.057	0.0179	
15 minute summer	FC33	Infiltration		0.0				0.0
15 minute summer	FC34	36.000	J30	0.8	0.531	0.130	0.0072	
15 minute summer	FC34	Infiltration		0.0				0.0
15 minute summer	FC35	37.000	J31	0.8	0.964	0.057	0.0048	
15 minute summer	FC35	Infiltration		0.0				0.0
15 minute summer	FC36	38.000	J32	0.8	1.010	0.053	0.0040	
15 minute summer	FC36	Infiltration		0.0				0.0
15 minute summer	FC37	39.000	J33	0.8	0.694	0.093	0.0078	
15 minute summer	FC37	Infiltration		0.0				0.0
15 minute summer	FC38	40.000	J34	0.3	0.661	0.024	0.0168	
15 minute summer	FC38	Infiltration		0.0				0.0
15 minute summer	FC39	41.000	J35	0.8	0.966	0.055	0.0042	
15 minute summer	FC39	Infiltration		0.0				0.0
15 minute summer	FC40	42.000	J36	0.8	1.177	0.041	0.0192	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC41	16	185.505	0.655	4.3	1.3420	0.0000	SURCHARGED
15 minute summer	FC42	16	185.255	0.655	4.3	1.3425	0.0000	SURCHARGED
15 minute summer	FC43	16	185.229	0.629	4.3	1.3458	0.0000	SURCHARGED
15 minute summer	FC44	10	184.641	0.041	3.2	0.0507	0.0000	OK
15 minute summer	FC45	15	185.234	0.634	3.2	0.9312	0.0000	SURCHARGED
15 minute summer	FC46	16	185.373	0.673	5.9	1.9715	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	16	185.458	0.658	4.3	1.3392	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC40	Infiltration		0.0				0.0
15 minute summer	FC41	43.000	J37	0.8	0.774	0.077	0.0052	
15 minute summer	FC41	Infiltration		0.0				0.0
15 minute summer	FC42	44.000	J38	1.1	0.674	0.122	0.0242	
15 minute summer	FC42	Infiltration		0.0				0.0
15 minute summer	FC43	45.000	J39	0.8	0.760	0.076	0.0165	
15 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	3.2	1.125	0.298	0.0124	
15 minute summer	FC44	Infiltration		0.0				0.0
15 minute summer	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
15 minute summer	FC45	Infiltration		0.0				0.0
15 minute summer	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
15 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute summer	FC48	50.000	J42	0.8	0.788	0.058	0.0087	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC49	16	185.459	0.659	4.3	1.3438	0.0000	SURCHARGED
15 minute summer	FC50	16	185.459	0.659	4.3	1.3436	0.0000	SURCHARGED
15 minute summer	FC51	16	185.505	0.655	4.3	1.3443	0.0000	SURCHARGED
15 minute summer	FC52	16	185.898	0.648	4.3	1.3424	0.0000	SURCHARGED
15 minute summer	FC53	16	185.908	0.658	4.3	1.3410	0.0000	SURCHARGED
15 minute summer	FC54	15	185.885	0.635	3.2	0.9318	0.0000	SURCHARGED
15 minute summer	FC55	15	185.884	0.634	3.2	0.9311	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC48	Infiltration		0.0				0.0
15 minute summer	FC49	51.000	S21	0.8	0.514	0.136	0.0068	
15 minute summer	FC49	Infiltration		0.0				0.0
15 minute summer	FC50	52.000	J43	0.8	0.515	0.136	0.0073	
15 minute summer	FC50	Infiltration		0.0				0.0
15 minute summer	FC51	55.000	S22	0.8	0.517	0.136	0.0095	
15 minute summer	FC51	Infiltration		0.0				0.0
15 minute summer	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
15 minute summer	FC52	Infiltration		0.0				0.0
15 minute summer	FC53	61.000	J50	0.8	0.708	0.087	0.0049	
15 minute summer	FC53	Infiltration		0.0				0.0
15 minute summer	FC54	62.000	J51	0.8	0.781	0.074	0.0040	
15 minute summer	FC54	Infiltration		0.0				0.0
15 minute summer	FC55	64.000	J53	0.8	0.988	0.053	0.0033	
15 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC56	15	185.980	0.630	3.2	0.9313	0.0000	SURCHARGED
15 minute summer	FC57	15	185.981	0.631	3.2	0.9315	0.0000	SURCHARGED
15 minute summer	FC58	15	185.984	0.634	3.2	0.9314	0.0000	SURCHARGED
15 minute summer	FC59	15	185.985	0.635	3.2	0.9312	0.0000	SURCHARGED
15 minute summer	FC60	16	186.009	0.659	4.3	1.3411	0.0000	SURCHARGED
15 minute summer	FC61	16	185.959	0.659	4.3	1.3413	0.0000	SURCHARGED
15 minute summer	FC62	16	185.919	0.669	5.9	1.9738	0.0000	SURCHARGED
15 minute summer	FC63	15	186.037	0.637	3.2	0.9577	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
15 minute summer	FC56	Infiltration		0.0				0.0
15 minute summer	FC57	54.000	J45	0.8	0.957	0.056	0.0054	
15 minute summer	FC57	Infiltration		0.0				0.0
15 minute summer	FC58	56.000	J46	0.8	0.920	0.059	0.0054	
15 minute summer	FC58	Infiltration		0.0				0.0
15 minute summer	FC59	57.000	J47	0.8	0.853	0.066	0.0060	
15 minute summer	FC59	Infiltration		0.0				0.0
15 minute summer	FC60	59.000	J48	0.8	0.848	0.068	0.0063	
15 minute summer	FC60	Infiltration		0.0				0.0
15 minute summer	FC61	60.000	J49	0.8	0.680	0.093	0.0088	
15 minute summer	FC61	Infiltration		0.0				0.0
15 minute summer	FC62	63.000	J52	0.8	0.628	0.106	0.0122	
15 minute summer	FC62	Infiltration		0.0				0.0
15 minute summer	FC63	65.000	S26	1.8	0.598	0.308	0.0188	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC64	15	185.790	0.640	3.2	0.9852	0.0000	SURCHARGED
15 minute summer	FC65	16	185.812	0.662	4.3	1.3608	0.0000	SURCHARGED
15 minute summer	FC66	16	185.660	0.660	4.3	1.3415	0.0000	SURCHARGED
15 minute summer	FC67	17	184.918	0.118	3.2	1.2081	0.0000	SURCHARGED
15 minute summer	FC68	15	185.185	0.635	3.2	0.9328	0.0000	SURCHARGED
15 minute summer	J1	12	188.614	0.414	15.8	0.6094	0.0000	SURCHARGED
15 minute summer	J2	12	188.212	0.156	15.4	0.1762	0.0000	SURCHARGED
15 minute summer	J3	12	188.178	0.128	16.1	0.1445	0.0000	OK
15 minute summer	J4	13	188.129	0.090	16.8	0.1017	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC63	Infiltration		0.0				0.0
15 minute summer	FC64	66.000	J54	1.7	0.358	0.294	0.0172	
15 minute summer	FC64	Infiltration		0.0				0.0
15 minute summer	FC65	67.000	J55	1.5	0.435	0.156	0.0172	
15 minute summer	FC65	Infiltration		0.0				0.0
15 minute summer	FC66	68.000	S24	0.8	0.577	0.112	0.0030	
15 minute summer	FC66	Infiltration		0.0				0.0
15 minute summer	FC67	69.000	J56	0.3	0.390	0.054	0.0017	
15 minute summer	FC67	Infiltration		0.0				0.0
15 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
15 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	14.6	1.870	1.764	0.0393	
15 minute summer	J2	1.002	J3	15.3	0.889	1.140	0.0174	
15 minute summer	J3	1.003	J4	16.1	1.174	1.209	0.0263	
15 minute summer	J4	1.004	J5	16.8	1.656	0.494	0.0360	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.989	0.078	17.6	0.0888	0.0000	OK
15 minute summer	J6	13	187.765	0.115	18.5	0.1297	0.0000	OK
15 minute summer	J7	12	187.645	0.120	19.3	0.1359	0.0000	OK
15 minute summer	J8	13	187.597	0.076	20.7	0.0860	0.0000	OK
15 minute summer	J9	13	187.398	0.123	20.9	0.1396	0.0000	OK
15 minute summer	J10	13	187.349	0.079	22.4	0.0890	0.0000	OK
15 minute summer	J11	11	187.253	0.132	22.5	0.1496	0.0000	OK
15 minute summer	J12	11	186.959	0.150	40.1	0.1701	0.0000	OK
15 minute summer	J13	12	186.846	0.219	40.2	0.2478	0.0000	OK
15 minute summer	J14	12	186.823	0.201	40.9	0.2276	0.0000	OK
15 minute summer	J15	12	186.792	0.175	41.8	0.1976	0.0000	OK
15 minute summer	J16	12	186.744	0.139	42.7	0.1569	0.0000	OK
15 minute summer	J17	12	186.404	0.121	43.5	0.1369	0.0000	OK
15 minute summer	J18	12	186.282	0.157	52.1	0.1773	0.0000	OK
15 minute summer	J19	12	186.246	0.219	53.0	0.2479	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	17.7	1.477	0.462	0.0675	
15 minute summer	J6	1.006	J7	18.5	1.460	0.650	0.0248	
15 minute summer	J7	1.007	J8	19.9	1.205	0.647	0.0188	
15 minute summer	J8	1.008	J9	20.1	1.184	0.226	0.1442	
15 minute summer	J9	1.009	J10	21.6	1.253	0.647	0.0208	
15 minute summer	J10	1.010	J11	21.7	1.319	0.168	0.0445	
15 minute summer	J11	1.011	S2	22.8	0.832	0.354	0.1691	
15 minute summer	J12	1.013	J13	39.9	1.490	0.596	0.1775	
15 minute summer	J13	1.014	J14	40.1	0.764	0.708	0.0999	
15 minute summer	J14	1.015	J15	41.0	0.883	0.728	0.0889	
15 minute summer	J15	1.016	J16	41.9	1.125	0.786	0.1907	
15 minute summer	J16	1.017	J17	42.7	1.537	0.300	0.0936	
15 minute summer	J17	1.018	S3	43.6	1.178	0.140	0.0716	
15 minute summer	J18	1.020	J19	52.2	1.124	0.182	0.0688	
15 minute summer	J19	1.021	S4	53.1	1.070	0.963	0.2175	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	12	186.217	0.186	12.0	0.2100	0.0000	SURCHARGED
15 minute summer	J21	13	186.192	0.183	11.7	0.2066	0.0000	SURCHARGED
15 minute summer	J22	12	186.145	0.182	12.8	0.2058	0.0000	SURCHARGED
15 minute summer	J23	12	186.115	0.173	13.4	0.1959	0.0000	SURCHARGED
15 minute summer	J24	12	186.053	0.236	22.8	0.2667	0.0000	SURCHARGED
15 minute summer	J25	12	186.032	0.236	23.8	0.2671	0.0000	SURCHARGED
15 minute summer	J26	11	186.013	0.234	24.7	0.2641	0.0000	SURCHARGED
15 minute summer	J27	11	185.935	0.199	35.9	0.2253	0.0000	OK
15 minute summer	J28	13	186.760	0.404	9.4	0.4572	0.0000	SURCHARGED
15 minute summer	J29	13	186.553	0.282	9.2	0.3187	0.0000	SURCHARGED
15 minute summer	J30	12	186.342	0.195	19.3	0.2202	0.0000	SURCHARGED
15 minute summer	J31	12	186.188	0.144	20.1	0.1630	0.0000	OK
15 minute summer	J32	12	186.139	0.128	20.9	0.1444	0.0000	OK
15 minute summer	J33	11	185.621	0.086	32.6	0.0973	0.0000	OK
15 minute summer	J34	11	185.331	0.206	45.6	0.2326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	10.9	0.694	0.809	0.0665	
15 minute summer	J21	23.003	J22	12.0	0.697	0.893	0.1411	
15 minute summer	J22	23.004	J23	13.1	0.746	0.972	0.0633	
15 minute summer	J23	23.005	S18	13.9	0.869	1.035	0.1321	
15 minute summer	J24	23.007	J25	23.0	0.578	0.764	0.2458	
15 minute summer	J25	23.008	J26	23.9	0.604	0.792	0.1975	
15 minute summer	J26	23.009	S19	25.1	0.642	0.821	0.1474	
15 minute summer	J27	23.011	S4	35.7	1.055	1.196	0.0802	
15 minute summer	J28	32.001	J29	8.3	1.058	1.397	0.0691	
15 minute summer	J29	32.002	S12	9.7	1.242	1.638	0.0364	
15 minute summer	J30	32.004	J31	19.3	1.103	1.454	0.0834	
15 minute summer	J31	32.005	J32	20.1	0.804	0.671	0.2441	
15 minute summer	J32	32.006	S13	21.0	1.132	0.699	0.1039	
15 minute summer	J33	32.008	S14	32.5	1.207	0.313	0.2438	
15 minute summer	J34	32.010	J35	45.4	1.365	1.177	0.2943	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.221	0.146	46.1	0.1646	0.0000	OK
15 minute summer	J36	11	185.083	0.208	46.7	0.2348	0.0000	OK
15 minute summer	J37	11	184.710	0.210	60.1	0.2376	0.0000	OK
15 minute summer	J38	11	184.629	0.329	72.8	0.3716	0.0000	SURCHARGED
15 minute summer	J39	11	184.553	0.279	73.3	0.3152	0.0000	OK
15 minute summer	J40	11	184.489	0.224	76.3	0.2531	0.0000	OK
15 minute summer	J41	18	184.622	0.025	0.8	0.0283	0.0000	OK
15 minute summer	J42	17	184.574	0.037	1.6	0.0420	0.0000	OK
15 minute summer	J43	12	184.553	0.173	10.4	0.1957	0.0000	SURCHARGED
15 minute summer	J44	12	184.542	0.172	10.7	0.1944	0.0000	SURCHARGED
15 minute summer	J45	12	184.506	0.186	10.8	0.2108	0.0000	SURCHARGED
15 minute summer	J46	12	184.482	0.260	18.3	0.2936	0.0000	SURCHARGED
15 minute summer	J47	12	184.471	0.264	18.7	0.2987	0.0000	SURCHARGED
15 minute summer	J48	12	184.449	0.255	26.6	0.2881	0.0000	SURCHARGED
15 minute summer	J49	12	184.418	0.249	27.0	0.2814	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	45.9	1.378	0.516	0.2249	
15 minute summer	J36	32.012	S15	46.5	1.387	1.551	0.0796	
15 minute summer	J37	32.014	S16	59.9	1.388	1.085	0.2355	
15 minute summer	J38	32.016	J39	72.5	1.030	1.342	0.7499	
15 minute summer	J39	32.017	J40	73.1	1.161	1.337	0.2277	
15 minute summer	J40	32.018	S10	76.2	1.458	0.766	0.4994	
15 minute summer	J41	48.002	J42	0.8	0.426	0.137	0.0130	
15 minute summer	J42	48.003	S21	1.7	0.628	0.283	0.0423	
15 minute summer	J43	48.005	J44	10.0	0.674	0.719	0.0283	
15 minute summer	J44	48.006	J45	10.1	0.693	0.758	0.1545	
15 minute summer	J45	48.007	S22	11.4	0.706	0.844	0.0419	
15 minute summer	J46	48.009	J47	17.9	0.449	0.580	0.1676	
15 minute summer	J47	48.010	S23	18.7	0.469	0.619	0.1050	
15 minute summer	J48	48.012	J49	26.2	0.659	0.876	0.2962	
15 minute summer	J49	48.013	J50	26.9	0.676	0.877	0.0451	

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.403	0.238	27.7	0.2692	0.0000	SURCHARGED
15 minute summer	J51	12	184.377	0.229	28.3	0.2585	0.0000	SURCHARGED
15 minute summer	J52	12	184.360	0.216	29.0	0.2441	0.0000	OK
15 minute summer	J53	12	184.331	0.204	29.9	0.2305	0.0000	OK
15 minute summer	J54	13	185.361	0.232	8.7	0.2622	0.0000	SURCHARGED
15 minute summer	J55	14	185.261	0.167	8.8	0.1886	0.0000	SURCHARGED
15 minute summer	J56	12	184.259	0.252	46.7	0.2854	0.0000	OK
15 minute summer	J57	12	184.228	0.243	47.4	0.2744	0.0000	OK
15 minute summer	BASIN 1	62	185.630	0.705	100.6	78.0978	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.679	0.379	5.0	36.6028	0.0000	OK
15 minute summer	BASIN 3	255	182.800	-0.300	103.9	72.6692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	27.6	0.693	0.922	0.2018	
15 minute summer	J51	48.015	J52	28.2	0.712	0.922	0.0448	
15 minute summer	J52	48.016	J53	29.1	0.757	0.953	0.1877	
15 minute summer	J53	48.017	S24	30.2	0.860	1.000	0.3768	
15 minute summer	J54	65.002	J55	8.3	1.064	1.407	0.0285	
15 minute summer	J55	65.003	S24	8.7	1.115	1.146	0.0603	
15 minute summer	J56	48.019	J57	46.6	0.750	0.860	0.5646	
15 minute summer	J57	48.020	S25	47.4	0.821	0.868	0.3595	
15 minute summer	BASIN 1	1.023	S5	6.2	0.400	0.075	0.9418	
15 minute summer	BASIN 1	Infiltration		0.1				1.5
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 2	71.000	BH1	2.0	0.746	0.335	0.1829	
15 minute summer	BASIN 2	Infiltration		0.0				0.0
15 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	BASIN 4	102	183.550	0.220	67.8	63.1249	0.0000	OK
15 minute summer	SWALE 1	63	184.922	0.048	2.9	0.0690	0.0000	OK
15 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.239	0.244	88.5	0.3490	0.0000	OK
15 minute summer	BH1	255	184.679	0.602	2.0	2.5482	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute summer	BH3	97	183.550	0.231	13.3	2.6849	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	BASIN 4	48.022	BH3	13.3	1.209	0.245	0.2591	
15 minute summer	BASIN 4	Infiltration		0.0				0.0
15 minute summer	SWALE 1	1.025	S6	2.9	0.359	0.035	0.3025	
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute summer	SWALE 3	1.033	BASIN 3	89.1	1.248	0.712	3.0813	
15 minute summer	BH1	Infiltration		0.1				1.3
15 minute summer	BH2	Infiltration		0.0				0.0
15 minute summer	BH3	Infiltration		0.2				2.6

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	188.710	0.340	8.6	0.5002	0.0000	SURCHARGED
15 minute winter	S2	11	187.244	0.205	37.8	0.3544	0.0000	OK
15 minute winter	S3	12	186.328	0.191	49.0	0.2543	0.0000	OK
15 minute winter	S4	62	185.630	0.252	91.8	0.3228	0.0000	OK
15 minute winter	S5	62	185.630	0.720	6.4	1.0300	0.0000	SURCHARGED
15 minute winter	S6	64	184.854	0.046	2.9	0.0664	0.0000	OK
15 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.303	0.178	2.4	0.2549	0.0000	OK
15 minute winter	S10	12	184.303	0.190	85.2	0.3457	0.0000	OK
15 minute winter	S11	12	186.838	0.438	11.1	0.6876	0.0000	SURCHARGED
15 minute winter	S12	11	186.415	0.239	18.1	0.3539	0.0000	SURCHARGED
15 minute winter	S13	11	186.086	0.093	30.4	0.1388	0.0000	OK
15 minute winter	S14	11	185.389	0.214	43.1	0.3370	0.0000	OK
15 minute winter	S15	11	185.015	0.148	56.4	0.2325	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S1	1.000	J1	6.9	0.878	0.787	0.0642	
15 minute winter	S2	1.012	J12	37.6	1.084	1.261	0.0513	
15 minute winter	S3	1.019	J18	49.0	1.178	0.920	0.2133	
15 minute winter	S4	1.022	BASIN 1	91.8	2.228	0.548	1.1168	
15 minute winter	S5	1.024	SWALE 1	2.9	0.412	0.034	0.1668	
15 minute winter	S6	1.026	BASIN 2	2.9	0.432	0.033	0.0384	
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.3097	
15 minute winter	S9	1.031	S10	-2.4	-0.222	-0.029	0.3594	
15 minute winter	S10	1.032	SWALE 3	84.1	1.343	0.255	0.2805	
15 minute winter	S11	32.000	J28	8.9	1.139	1.498	0.0355	
15 minute winter	S12	32.003	J30	17.9	1.015	1.338	0.0895	
15 minute winter	S13	32.007	J33	30.4	2.082	0.310	0.1898	
15 minute winter	S14	32.009	J34	43.0	1.133	0.847	0.1983	
15 minute winter	S15	32.013	J37	56.3	2.226	0.610	0.2359	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.636	0.149	68.9	0.2270	0.0000	OK
15 minute winter	S17	11	186.464	0.313	11.8	0.4987	0.0000	SURCHARGED
15 minute winter	S18	12	186.051	0.227	22.2	0.3350	0.0000	SURCHARGED
15 minute winter	S19	11	185.989	0.223	34.1	0.3208	0.0000	OK
15 minute winter	S20	17	184.668	0.026	0.8	0.0294	0.0000	OK
15 minute winter	S21	12	184.546	0.137	9.7	0.1813	0.0000	OK
15 minute winter	S22	12	184.474	0.243	17.9	0.3151	0.0000	SURCHARGED
15 minute winter	S23	12	184.449	0.251	25.5	0.3235	0.0000	SURCHARGED
15 minute winter	S24	12	184.275	0.258	45.1	0.3393	0.0000	OK
15 minute winter	S25	12	184.190	0.220	53.2	0.3038	0.0000	OK
15 minute winter	S26	12	185.521	0.144	9.1	0.2132	0.0000	SURCHARGED
15 minute winter	FC1	16	188.916	0.666	4.0	1.4136	0.0000	SURCHARGED
15 minute winter	FC2	16	188.809	0.659	4.0	1.3394	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S16	32.015	J38	68.9	1.199	0.217	0.1215	
15 minute winter	S17	23.001	J20	10.8	1.387	1.831	0.0560	
15 minute winter	S18	23.006	J24	21.7	0.581	0.680	0.0728	
15 minute winter	S19	23.010	J27	33.8	0.881	1.129	0.3390	
15 minute winter	S20	48.001	J41	0.8	0.520	0.137	0.0073	
15 minute winter	S21	48.004	J43	9.3	0.630	0.695	0.0878	
15 minute winter	S22	48.008	J46	17.0	0.476	0.543	0.0967	
15 minute winter	S23	48.011	J48	25.0	0.628	0.811	0.0447	
15 minute winter	S24	48.018	J56	45.1	0.713	0.842	0.2683	
15 minute winter	S25	48.021	BASIN 4	53.2	1.070	0.998	0.1908	
15 minute winter	S26	65.001	J54	8.3	1.097	0.801	0.0667	
15 minute winter	FC1	2.000	J1	2.3	0.565	0.377	0.0372	
15 minute winter	FC1	Infiltration		0.0				0.0
15 minute winter	FC2	3.000	J2	1.0	0.516	0.170	0.0285	
15 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC3	16	188.864	0.664	5.6	1.9667	0.0000	SURCHARGED
15 minute winter	FC4	15	188.833	0.633	3.0	0.9271	0.0000	SURCHARGED
15 minute winter	FC5	16	188.655	0.655	4.0	1.3345	0.0000	SURCHARGED
15 minute winter	FC6	15	188.484	0.634	3.0	0.9265	0.0000	SURCHARGED
15 minute winter	FC7	15	188.384	0.634	3.0	0.9275	0.0000	SURCHARGED
15 minute winter	FC8	16	188.408	0.658	4.0	1.3309	0.0000	SURCHARGED
15 minute winter	FC9	15	188.104	0.634	3.0	0.9281	0.0000	SURCHARGED
15 minute winter	FC10	16	188.143	0.673	5.6	1.9651	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC3	4.000	J3	0.8	0.542	0.130	0.0362	
15 minute winter	FC3	Infiltration		0.0				0.0
15 minute winter	FC4	5.000	J4	0.8	0.608	0.106	0.0147	
15 minute winter	FC4	Infiltration		0.0				0.0
15 minute winter	FC5	6.000	J5	0.8	0.513	0.135	0.0068	
15 minute winter	FC5	Infiltration		0.0				0.0
15 minute winter	FC6	7.000	J6	0.8	0.677	0.091	0.0229	
15 minute winter	FC6	Infiltration		0.0				0.0
15 minute winter	FC7	8.000	J7	0.8	0.588	0.111	0.0098	
15 minute winter	FC7	Infiltration		0.0				0.0
15 minute winter	FC8	9.000	J8	0.8	0.723	0.084	0.0047	
15 minute winter	FC8	Infiltration		0.0				0.0
15 minute winter	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
15 minute winter	FC9	Infiltration		0.0				0.0
15 minute winter	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC11	16	187.981	0.661	4.0	1.3330	0.0000	SURCHARGED
15 minute winter	FC12	16	187.892	0.662	4.0	1.3324	0.0000	SURCHARGED
15 minute winter	FC13	16	187.661	0.661	4.0	1.3330	0.0000	SURCHARGED
15 minute winter	FC14	18	187.030	0.130	4.0	1.6595	0.0000	SURCHARGED
15 minute winter	FC15	15	187.835	0.635	3.0	0.9245	0.0000	SURCHARGED
15 minute winter	FC16	15	187.535	0.635	3.0	0.9280	0.0000	SURCHARGED
15 minute winter	FC17	15	187.635	0.635	3.0	0.9254	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC10	Infiltration		0.0				0.0
15 minute winter	FC11	12.000	J11	0.8	0.519	0.137	0.0120	
15 minute winter	FC11	Infiltration		0.0				0.0
15 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0282	
15 minute winter	FC12	Infiltration		0.0				0.0
15 minute winter	FC13	14.000	J12	0.8	0.520	0.136	0.0106	
15 minute winter	FC13	Infiltration		0.0				0.0
15 minute winter	FC14	15.000	J13	0.3	0.407	0.057	0.0063	
15 minute winter	FC14	Infiltration		0.0				0.0
15 minute winter	FC15	16.000	J14	0.8	1.101	0.046	0.0034	
15 minute winter	FC15	Infiltration		0.0				0.0
15 minute winter	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
15 minute winter	FC16	Infiltration		0.0				0.0
15 minute winter	FC17	18.000	J16	0.8	0.859	0.065	0.0045	
15 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC18	15	187.185	0.635	3.0	0.9280	0.0000	SURCHARGED
15 minute winter	FC19	16	187.061	0.661	4.0	1.3331	0.0000	SURCHARGED
15 minute winter	FC20	16	187.607	0.657	4.0	1.3287	0.0000	SURCHARGED
15 minute winter	FC21	16	186.958	0.658	4.0	1.3337	0.0000	SURCHARGED
15 minute winter	FC22	17	186.574	0.124	3.0	1.1977	0.0000	SURCHARGED
15 minute winter	FC23	15	186.934	0.634	3.0	0.9252	0.0000	SURCHARGED
15 minute winter	FC24	16	186.958	0.658	4.0	1.3289	0.0000	SURCHARGED
15 minute winter	FC25	16	187.207	0.657	4.0	1.3286	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC18	19.000	J17	0.8	0.515	0.134	0.0107	
15 minute winter	FC18	Infiltration		0.0				0.0
15 minute winter	FC19	20.000	S3	0.8	0.517	0.137	0.0103	
15 minute winter	FC19	Infiltration		0.0				0.0
15 minute winter	FC20	21.000	J18	0.8	1.046	0.050	0.0033	
15 minute winter	FC20	Infiltration		0.0				0.0
15 minute winter	FC21	22.000	J19	0.8	0.518	0.136	0.0119	
15 minute winter	FC21	Infiltration		0.0				0.0
15 minute winter	FC22	23.000	S17	0.3	0.531	0.022	0.0201	
15 minute winter	FC22	Infiltration		0.0				0.0
15 minute winter	FC23	24.000	J20	0.8	0.910	0.060	0.0199	
15 minute winter	FC23	Infiltration		0.0				0.0
15 minute winter	FC24	25.000	J21	0.8	0.943	0.058	0.0201	
15 minute winter	FC24	Infiltration		0.0				0.0
15 minute winter	FC25	26.000	J22	0.8	1.038	0.051	0.0037	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC26	17	186.569	0.119	3.0	1.2015	0.0000	SURCHARGED
15 minute winter	FC27	15	187.134	0.634	3.0	0.9240	0.0000	SURCHARGED
15 minute winter	FC28	16	187.156	0.656	4.0	1.3288	0.0000	SURCHARGED
15 minute winter	FC29	16	187.153	0.653	4.0	1.3294	0.0000	SURCHARGED
15 minute winter	FC30	16	187.407	0.656	4.0	1.3292	0.0000	SURCHARGED
15 minute winter	FC31	15	187.089	0.639	3.0	0.9810	0.0000	SURCHARGED
15 minute winter	FC32	15	187.085	0.635	3.0	0.9347	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC25	Infiltration		0.0				0.0
15 minute winter	FC26	27.000	J23	0.3	0.707	0.025	0.0022	
15 minute winter	FC26	Infiltration		0.0				0.0
15 minute winter	FC27	28.000	J24	0.8	1.281	0.037	0.0189	
15 minute winter	FC27	Infiltration		0.0				0.0
15 minute winter	FC28	29.000	J25	0.8	1.043	0.051	0.0034	
15 minute winter	FC28	Infiltration		0.0				0.0
15 minute winter	FC29	30.000	J26	0.8	1.014	0.052	0.0038	
15 minute winter	FC29	Infiltration		0.0				0.0
15 minute winter	FC30	31.000	J27	0.8	0.973	0.056	0.0037	
15 minute winter	FC30	Infiltration		0.0				0.0
15 minute winter	FC31	33.000	J28	1.9	0.583	0.206	0.0333	
15 minute winter	FC31	Infiltration		0.0				0.0
15 minute winter	FC32	34.000	J29	1.3	0.433	0.102	0.0312	
15 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC33	16	187.109	0.659	4.0	1.3285	0.0000	SURCHARGED
15 minute winter	FC34	16	187.110	0.660	4.0	1.3328	0.0000	SURCHARGED
15 minute winter	FC35	16	187.107	0.656	4.0	1.3292	0.0000	SURCHARGED
15 minute winter	FC36	16	187.100	0.650	4.0	1.3298	0.0000	SURCHARGED
15 minute winter	FC37	16	186.479	0.679	5.6	1.9640	0.0000	SURCHARGED
15 minute winter	FC38	17	185.552	0.102	3.0	1.2185	0.0000	SURCHARGED
15 minute winter	FC39	15	186.082	0.632	3.0	0.9255	0.0000	SURCHARGED
15 minute winter	FC40	16	186.112	0.612	4.0	1.3385	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC33	35.000	S12	0.8	0.954	0.057	0.0179	
15 minute winter	FC33	Infiltration		0.0				0.0
15 minute winter	FC34	36.000	J30	0.8	0.531	0.130	0.0072	
15 minute winter	FC34	Infiltration		0.0				0.0
15 minute winter	FC35	37.000	J31	0.8	0.964	0.057	0.0043	
15 minute winter	FC35	Infiltration		0.0				0.0
15 minute winter	FC36	38.000	J32	0.8	1.010	0.053	0.0040	
15 minute winter	FC36	Infiltration		0.0				0.0
15 minute winter	FC37	39.000	J33	0.8	0.694	0.093	0.0078	
15 minute winter	FC37	Infiltration		0.0				0.0
15 minute winter	FC38	40.000	J34	0.3	0.661	0.024	0.0148	
15 minute winter	FC38	Infiltration		0.0				0.0
15 minute winter	FC39	41.000	J35	0.8	0.965	0.055	0.0036	
15 minute winter	FC39	Infiltration		0.0				0.0
15 minute winter	FC40	42.000	J36	0.8	1.177	0.041	0.0175	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC41	16	185.504	0.654	4.0	1.3330	0.0000	SURCHARGED
15 minute winter	FC42	16	185.254	0.654	4.0	1.3318	0.0000	SURCHARGED
15 minute winter	FC43	16	185.229	0.629	4.0	1.3440	0.0000	SURCHARGED
15 minute winter	FC44	10	184.639	0.039	3.0	0.0488	0.0000	OK
15 minute winter	FC45	15	185.234	0.634	3.0	0.9254	0.0000	SURCHARGED
15 minute winter	FC46	16	185.373	0.673	5.6	1.9675	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	16	185.457	0.657	4.0	1.3289	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC40	Infiltration		0.0				0.0
15 minute winter	FC41	43.000	J37	0.8	0.774	0.077	0.0052	
15 minute winter	FC41	Infiltration		0.0				0.0
15 minute winter	FC42	44.000	J38	0.8	0.674	0.093	0.0222	
15 minute winter	FC42	Infiltration		0.0				0.0
15 minute winter	FC43	45.000	J39	0.8	0.760	0.076	0.0146	
15 minute winter	FC43	Infiltration		0.0				0.0
15 minute winter	FC44	46.000	J40	3.0	1.107	0.279	0.0118	
15 minute winter	FC44	Infiltration		0.0				0.0
15 minute winter	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
15 minute winter	FC45	Infiltration		0.0				0.0
15 minute winter	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
15 minute winter	FC46	Infiltration		0.0				0.0
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute winter	FC48	50.000	J42	0.8	0.788	0.058	0.0087	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC49	16	185.458	0.658	4.0	1.3339	0.0000	SURCHARGED
15 minute winter	FC50	16	185.459	0.659	4.0	1.3338	0.0000	SURCHARGED
15 minute winter	FC51	16	185.504	0.654	4.0	1.3344	0.0000	SURCHARGED
15 minute winter	FC52	16	185.897	0.647	4.0	1.3336	0.0000	SURCHARGED
15 minute winter	FC53	16	185.907	0.657	4.0	1.3310	0.0000	SURCHARGED
15 minute winter	FC54	15	185.884	0.634	3.0	0.9258	0.0000	SURCHARGED
15 minute winter	FC55	15	185.883	0.633	3.0	0.9254	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC48	Infiltration		0.0				0.0
15 minute winter	FC49	51.000	S21	0.8	0.514	0.136	0.0068	
15 minute winter	FC49	Infiltration		0.0				0.0
15 minute winter	FC50	52.000	J43	0.8	0.515	0.136	0.0073	
15 minute winter	FC50	Infiltration		0.0				0.0
15 minute winter	FC51	55.000	S22	0.8	0.517	0.136	0.0095	
15 minute winter	FC51	Infiltration		0.0				0.0
15 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
15 minute winter	FC52	Infiltration		0.0				0.0
15 minute winter	FC53	61.000	J50	0.8	0.708	0.087	0.0049	
15 minute winter	FC53	Infiltration		0.0				0.0
15 minute winter	FC54	62.000	J51	0.8	0.781	0.074	0.0040	
15 minute winter	FC54	Infiltration		0.0				0.0
15 minute winter	FC55	64.000	J53	0.8	0.987	0.053	0.0033	
15 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC56	15	185.980	0.630	3.0	0.9255	0.0000	SURCHARGED
15 minute winter	FC57	15	185.980	0.630	3.0	0.9257	0.0000	SURCHARGED
15 minute winter	FC58	15	185.984	0.634	3.0	0.9253	0.0000	SURCHARGED
15 minute winter	FC59	15	185.985	0.635	3.0	0.9254	0.0000	SURCHARGED
15 minute winter	FC60	16	186.008	0.658	4.0	1.3304	0.0000	SURCHARGED
15 minute winter	FC61	16	185.958	0.658	4.0	1.3312	0.0000	SURCHARGED
15 minute winter	FC62	16	185.919	0.669	5.6	1.9699	0.0000	SURCHARGED
15 minute winter	FC63	15	186.036	0.636	3.0	0.9465	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
15 minute winter	FC56	Infiltration		0.0				0.0
15 minute winter	FC57	54.000	J45	0.8	0.956	0.056	0.0054	
15 minute winter	FC57	Infiltration		0.0				0.0
15 minute winter	FC58	56.000	J46	0.8	0.920	0.059	0.0054	
15 minute winter	FC58	Infiltration		0.0				0.0
15 minute winter	FC59	57.000	J47	0.8	0.853	0.066	0.0060	
15 minute winter	FC59	Infiltration		0.0				0.0
15 minute winter	FC60	59.000	J48	0.8	0.848	0.068	0.0063	
15 minute winter	FC60	Infiltration		0.0				0.0
15 minute winter	FC61	60.000	J49	0.8	0.680	0.093	0.0088	
15 minute winter	FC61	Infiltration		0.0				0.0
15 minute winter	FC62	63.000	J52	0.8	0.628	0.106	0.0122	
15 minute winter	FC62	Infiltration		0.0				0.0
15 minute winter	FC63	65.000	S26	1.6	0.598	0.277	0.0188	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC64	15	185.789	0.639	3.0	0.9777	0.0000	SURCHARGED
15 minute winter	FC65	16	185.811	0.661	4.0	1.3489	0.0000	SURCHARGED
15 minute winter	FC66	16	185.660	0.660	4.0	1.3317	0.0000	SURCHARGED
15 minute winter	FC67	17	184.917	0.117	3.0	1.2071	0.0000	SURCHARGED
15 minute winter	FC68	15	185.184	0.634	3.0	0.9268	0.0000	SURCHARGED
15 minute winter	J1	12	188.576	0.376	14.9	0.5531	0.0000	SURCHARGED
15 minute winter	J2	12	188.208	0.152	14.8	0.1717	0.0000	SURCHARGED
15 minute winter	J3	12	188.175	0.125	15.6	0.1411	0.0000	OK
15 minute winter	J4	13	188.127	0.088	16.3	0.0995	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC63	Infiltration		0.0				0.0
15 minute winter	FC64	66.000	J54	1.7	0.358	0.282	0.0172	
15 minute winter	FC64	Infiltration		0.0				0.0
15 minute winter	FC65	67.000	J55	1.5	0.435	0.151	0.0172	
15 minute winter	FC65	Infiltration		0.0				0.0
15 minute winter	FC66	68.000	S24	0.8	0.577	0.112	0.0030	
15 minute winter	FC66	Infiltration		0.0				0.0
15 minute winter	FC67	69.000	J56	0.3	0.390	0.054	0.0017	
15 minute winter	FC67	Infiltration		0.0				0.0
15 minute winter	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
15 minute winter	FC68	Infiltration		0.0				0.0
15 minute winter	J1	1.001	J2	14.1	1.801	1.698	0.0393	
15 minute winter	J2	1.002	J3	14.8	0.872	1.101	0.0173	
15 minute winter	J3	1.003	J4	15.5	1.164	1.170	0.0257	
15 minute winter	J4	1.004	J5	16.3	1.648	0.478	0.0350	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J5	13	187.987	0.077	17.1	0.0868	0.0000	OK
15 minute winter	J6	13	187.762	0.112	17.9	0.1268	0.0000	OK
15 minute winter	J7	13	187.645	0.120	18.7	0.1354	0.0000	OK
15 minute winter	J8	13	187.596	0.075	19.2	0.0844	0.0000	OK
15 minute winter	J9	13	187.397	0.121	20.3	0.1374	0.0000	OK
15 minute winter	J10	13	187.347	0.077	20.7	0.0873	0.0000	OK
15 minute winter	J11	12	187.246	0.125	21.9	0.1418	0.0000	OK
15 minute winter	J12	11	186.955	0.146	38.4	0.1648	0.0000	OK
15 minute winter	J13	12	186.840	0.213	38.6	0.2413	0.0000	OK
15 minute winter	J14	12	186.818	0.196	39.2	0.2218	0.0000	OK
15 minute winter	J15	12	186.788	0.171	40.0	0.1929	0.0000	OK
15 minute winter	J16	12	186.740	0.135	40.9	0.1530	0.0000	OK
15 minute winter	J17	12	186.399	0.116	41.8	0.1317	0.0000	OK
15 minute winter	J18	12	186.277	0.152	49.8	0.1716	0.0000	OK
15 minute winter	J19	12	186.240	0.213	50.7	0.2414	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J5	1.005	J6	17.1	1.470	0.448	0.0658	
15 minute winter	J6	1.006	J7	17.9	1.452	0.631	0.0242	
15 minute winter	J7	1.007	J8	18.4	1.122	0.599	0.0186	
15 minute winter	J8	1.008	J9	19.5	1.178	0.220	0.1411	
15 minute winter	J9	1.009	J10	19.9	1.180	0.597	0.0203	
15 minute winter	J10	1.010	J11	21.1	1.319	0.164	0.0423	
15 minute winter	J11	1.011	S2	22.1	0.825	0.344	0.1621	
15 minute winter	J12	1.013	J13	38.3	1.488	0.572	0.1702	
15 minute winter	J13	1.014	J14	38.4	0.754	0.678	0.0970	
15 minute winter	J14	1.015	J15	39.3	0.871	0.697	0.0863	
15 minute winter	J15	1.016	J16	40.1	1.112	0.753	0.1849	
15 minute winter	J16	1.017	J17	41.0	1.521	0.288	0.0907	
15 minute winter	J17	1.018	S3	41.8	1.171	0.135	0.0685	
15 minute winter	J18	1.020	J19	49.9	1.112	0.174	0.0665	
15 minute winter	J19	1.021	S4	50.8	1.053	0.921	0.2115	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J20	12	186.195	0.164	11.6	0.1857	0.0000	SURCHARGED
15 minute winter	J21	12	186.171	0.162	12.0	0.1837	0.0000	SURCHARGED
15 minute winter	J22	12	186.127	0.164	12.4	0.1856	0.0000	SURCHARGED
15 minute winter	J23	12	186.099	0.157	13.0	0.1772	0.0000	SURCHARGED
15 minute winter	J24	12	186.040	0.223	22.5	0.2527	0.0000	OK
15 minute winter	J25	12	186.022	0.226	23.1	0.2555	0.0000	SURCHARGED
15 minute winter	J26	11	186.004	0.225	24.1	0.2546	0.0000	SURCHARGED
15 minute winter	J27	11	185.930	0.194	34.6	0.2198	0.0000	OK
15 minute winter	J28	13	186.730	0.374	8.9	0.4225	0.0000	SURCHARGED
15 minute winter	J29	13	186.535	0.264	8.9	0.2985	0.0000	SURCHARGED
15 minute winter	J30	11	186.334	0.187	18.7	0.2110	0.0000	SURCHARGED
15 minute winter	J31	12	186.185	0.141	19.4	0.1591	0.0000	OK
15 minute winter	J32	12	186.136	0.125	20.2	0.1412	0.0000	OK
15 minute winter	J33	12	185.621	0.086	31.2	0.0972	0.0000	OK
15 minute winter	J34	11	185.321	0.196	43.2	0.2213	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J20	23.002	J21	11.2	0.687	0.828	0.0665	
15 minute winter	J21	23.003	J22	11.6	0.692	0.866	0.1411	
15 minute winter	J22	23.004	J23	12.7	0.727	0.937	0.0633	
15 minute winter	J23	23.005	S18	13.3	0.858	0.991	0.1321	
15 minute winter	J24	23.007	J25	22.3	0.563	0.742	0.2456	
15 minute winter	J25	23.008	J26	23.3	0.592	0.770	0.1973	
15 minute winter	J26	23.009	S19	24.3	0.628	0.794	0.1472	
15 minute winter	J27	23.011	S4	34.5	1.040	1.154	0.0786	
15 minute winter	J28	32.001	J29	8.0	1.024	1.353	0.0691	
15 minute winter	J29	32.002	S12	9.3	1.193	1.572	0.0364	
15 minute winter	J30	32.004	J31	18.6	1.064	1.399	0.0829	
15 minute winter	J31	32.005	J32	19.4	0.797	0.647	0.2373	
15 minute winter	J32	32.006	S13	20.3	1.117	0.675	0.1007	
15 minute winter	J33	32.008	S14	31.1	1.204	0.299	0.2396	
15 minute winter	J34	32.010	J35	43.2	1.363	1.120	0.2817	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J35	11	185.214	0.139	43.9	0.1574	0.0000	OK
15 minute winter	J36	11	185.075	0.200	44.6	0.2257	0.0000	OK
15 minute winter	J37	11	184.701	0.201	57.1	0.2274	0.0000	OK
15 minute winter	J38	11	184.610	0.310	69.6	0.3505	0.0000	SURCHARGED
15 minute winter	J39	11	184.543	0.269	70.3	0.3039	0.0000	OK
15 minute winter	J40	11	184.481	0.216	72.9	0.2447	0.0000	OK
15 minute winter	J41	18	184.622	0.025	0.8	0.0283	0.0000	OK
15 minute winter	J42	18	184.574	0.037	1.6	0.0420	0.0000	OK
15 minute winter	J43	12	184.533	0.152	10.0	0.1725	0.0000	SURCHARGED
15 minute winter	J44	12	184.523	0.153	10.3	0.1725	0.0000	SURCHARGED
15 minute winter	J45	12	184.490	0.170	10.5	0.1927	0.0000	SURCHARGED
15 minute winter	J46	12	184.467	0.245	17.7	0.2773	0.0000	SURCHARGED
15 minute winter	J47	12	184.458	0.251	18.1	0.2833	0.0000	SURCHARGED
15 minute winter	J48	12	184.437	0.243	25.8	0.2744	0.0000	SURCHARGED
15 minute winter	J49	12	184.408	0.239	26.2	0.2705	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J35	32.011	J36	43.8	1.366	0.492	0.2165	
15 minute winter	J36	32.012	S15	44.5	1.367	1.483	0.0769	
15 minute winter	J37	32.014	S16	57.0	1.368	1.033	0.2205	
15 minute winter	J38	32.016	J39	69.5	0.998	1.286	0.7408	
15 minute winter	J39	32.017	J40	70.0	1.147	1.280	0.2211	
15 minute winter	J40	32.018	S10	72.6	1.441	0.729	0.4818	
15 minute winter	J41	48.002	J42	0.8	0.426	0.137	0.0130	
15 minute winter	J42	48.003	S21	1.6	0.628	0.275	0.0395	
15 minute winter	J43	48.005	J44	9.6	0.664	0.690	0.0283	
15 minute winter	J44	48.006	J45	9.8	0.686	0.734	0.1545	
15 minute winter	J45	48.007	S22	11.0	0.708	0.813	0.0419	
15 minute winter	J46	48.009	J47	17.3	0.438	0.561	0.1676	
15 minute winter	J47	48.010	S23	18.1	0.456	0.602	0.1050	
15 minute winter	J48	48.012	J49	25.4	0.638	0.849	0.2962	
15 minute winter	J49	48.013	J50	26.1	0.656	0.851	0.0451	

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J50	12	184.394	0.229	26.9	0.2595	0.0000	SURCHARGED
15 minute winter	J51	12	184.370	0.222	27.6	0.2512	0.0000	OK
15 minute winter	J52	12	184.353	0.209	28.3	0.2369	0.0000	OK
15 minute winter	J53	12	184.325	0.198	29.1	0.2237	0.0000	OK
15 minute winter	J54	13	185.345	0.216	8.4	0.2443	0.0000	SURCHARGED
15 minute winter	J55	14	185.251	0.157	8.6	0.1780	0.0000	SURCHARGED
15 minute winter	J56	12	184.254	0.247	45.3	0.2789	0.0000	OK
15 minute winter	J57	12	184.223	0.238	46.1	0.2686	0.0000	OK
15 minute winter	BASIN 1	62	185.630	0.705	96.8	78.0163	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.679	0.379	4.7	36.5811	0.0000	OK
15 minute winter	BASIN 3	255	182.800	-0.300	98.3	72.7016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J50	48.014	J51	26.8	0.674	0.896	0.2014	
15 minute winter	J51	48.015	J52	27.5	0.702	0.897	0.0444	
15 minute winter	J52	48.016	J53	28.3	0.750	0.928	0.1841	
15 minute winter	J53	48.017	S24	29.3	0.862	0.970	0.3671	
15 minute winter	J54	65.002	J55	8.1	1.031	1.363	0.0285	
15 minute winter	J55	65.003	S24	8.5	1.093	1.124	0.0601	
15 minute winter	J56	48.019	J57	45.3	0.745	0.835	0.5533	
15 minute winter	J57	48.020	S25	46.0	0.810	0.843	0.3520	
15 minute winter	BASIN 1	1.023	S5	6.4	0.411	0.077	0.9418	
15 minute winter	BASIN 1	Infiltration		0.1				1.5
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 2	71.000	BH1	2.0	0.747	0.335	0.1829	
15 minute winter	BASIN 2	Infiltration		0.0				0.0
15 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	BASIN 4	102	183.550	0.220	64.9	62.9944	0.0000	OK
15 minute winter	SWALE 1	63	184.922	0.048	2.9	0.0690	0.0000	OK
15 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.230	0.235	84.1	0.3363	0.0000	OK
15 minute winter	BH1	255	184.679	0.602	2.0	2.5477	0.0000	OK
15 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute winter	BH3	95	183.550	0.231	13.1	2.6828	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	BASIN 4	48.022	BH3	13.1	1.199	0.241	0.2586	
15 minute winter	BASIN 4	Infiltration		0.0				0.0
15 minute winter	SWALE 1	1.025	S6	2.9	0.359	0.035	0.3024	
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute winter	SWALE 3	1.033	BASIN 3	84.4	1.230	0.676	2.9651	
15 minute winter	BH1	Infiltration		0.1				1.3
15 minute winter	BH2	Infiltration		0.0				0.0
15 minute winter	BH3	Infiltration		0.2				2.6

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	19	188.709	0.339	8.3	0.4986	0.0000	SURCHARGED
30 minute summer	S2	19	187.246	0.207	38.2	0.3581	0.0000	OK
30 minute summer	S3	19	186.331	0.194	50.1	0.2581	0.0000	OK
30 minute summer	S4	78	185.811	0.433	93.5	0.5556	0.0000	SURCHARGED
30 minute summer	S5	78	185.811	0.901	4.4	1.2896	0.0000	SURCHARGED
30 minute summer	S6	80	184.857	0.049	3.2	0.0701	0.0000	OK
30 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.305	0.180	2.1	0.2569	0.0000	OK
30 minute summer	S10	19	184.304	0.191	84.8	0.3483	0.0000	OK
30 minute summer	S11	20	186.848	0.448	10.8	0.7041	0.0000	SURCHARGED
30 minute summer	S12	19	186.419	0.243	18.1	0.3596	0.0000	SURCHARGED
30 minute summer	S13	18	186.085	0.092	30.3	0.1382	0.0000	OK
30 minute summer	S14	18	185.387	0.212	43.2	0.3337	0.0000	OK
30 minute summer	S15	19	185.014	0.147	55.8	0.2313	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S1	1.000	J1	6.9	0.883	0.791	0.0642	
30 minute summer	S2	1.012	J12	38.2	1.092	1.280	0.0517	
30 minute summer	S3	1.019	J18	50.1	1.182	0.940	0.2169	
30 minute summer	S4	1.022	BASIN 1	93.3	2.031	0.557	1.1778	
30 minute summer	S5	1.024	SWALE 1	3.2	0.373	0.039	0.1815	
30 minute summer	S6	1.026	BASIN 2	3.2	0.447	0.037	0.0417	
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.3129	
30 minute summer	S9	1.031	S10	-2.1	-0.171	-0.025	0.3630	
30 minute summer	S10	1.032	SWALE 3	84.6	1.335	0.256	0.2813	
30 minute summer	S11	32.000	J28	8.8	1.124	1.478	0.0355	
30 minute summer	S12	32.003	J30	18.0	1.024	1.349	0.0895	
30 minute summer	S13	32.007	J33	30.2	2.069	0.308	0.1902	
30 minute summer	S14	32.009	J34	42.7	1.133	0.842	0.1970	
30 minute summer	S15	32.013	J37	56.0	2.227	0.607	0.2347	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	19	184.635	0.148	68.1	0.2249	0.0000	OK
30 minute summer	S17	19	186.460	0.310	11.5	0.4933	0.0000	SURCHARGED
30 minute summer	S18	19	186.055	0.231	22.3	0.3408	0.0000	SURCHARGED
30 minute summer	S19	19	185.990	0.224	34.0	0.3228	0.0000	OK
30 minute summer	S20	28	184.668	0.026	0.8	0.0296	0.0000	OK
30 minute summer	S21	20	184.563	0.154	9.6	0.2049	0.0000	SURCHARGED
30 minute summer	S22	20	184.484	0.253	17.7	0.3275	0.0000	SURCHARGED
30 minute summer	S23	20	184.457	0.259	25.6	0.3344	0.0000	SURCHARGED
30 minute summer	S24	19	184.278	0.261	45.9	0.3431	0.0000	OK
30 minute summer	S25	19	184.193	0.222	54.4	0.3077	0.0000	OK
30 minute summer	S26	19	185.522	0.145	9.1	0.2144	0.0000	SURCHARGED
30 minute summer	FC1	25	188.932	0.682	3.9	1.6130	0.0000	SURCHARGED
30 minute summer	FC2	25	188.823	0.673	3.9	1.5358	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S16	32.015	J38	68.2	1.196	0.215	0.1211	
30 minute summer	S17	23.001	J20	10.6	1.352	1.785	0.0560	
30 minute summer	S18	23.006	J24	21.6	0.564	0.677	0.0728	
30 minute summer	S19	23.010	J27	34.1	0.883	1.137	0.3403	
30 minute summer	S20	48.001	J41	0.8	0.520	0.138	0.0073	
30 minute summer	S21	48.004	J43	9.2	0.624	0.691	0.0898	
30 minute summer	S22	48.008	J46	17.1	0.454	0.544	0.0967	
30 minute summer	S23	48.011	J48	25.3	0.636	0.821	0.0447	
30 minute summer	S24	48.018	J56	45.7	0.717	0.855	0.2708	
30 minute summer	S25	48.021	BASIN 4	54.3	1.077	1.018	0.1933	
30 minute summer	S26	65.001	J54	8.5	1.100	0.824	0.0667	
30 minute summer	FC1	2.000	J1	2.3	0.566	0.365	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	1.0	0.517	0.171	0.0287	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	27	188.878	0.678	5.4	2.3212	0.0000	SURCHARGED
30 minute summer	FC4	24	188.842	0.642	2.9	1.0397	0.0000	SURCHARGED
30 minute summer	FC5	25	188.669	0.669	3.9	1.5300	0.0000	SURCHARGED
30 minute summer	FC6	24	188.495	0.645	2.9	1.0377	0.0000	SURCHARGED
30 minute summer	FC7	24	188.395	0.645	2.9	1.0394	0.0000	SURCHARGED
30 minute summer	FC8	25	188.422	0.672	3.9	1.5252	0.0000	SURCHARGED
30 minute summer	FC9	24	188.115	0.645	2.9	1.0408	0.0000	SURCHARGED
30 minute summer	FC10	27	188.160	0.690	5.4	2.3190	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.8	0.544	0.131	0.0366	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.8	0.609	0.107	0.0149	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.8	0.515	0.137	0.0069	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0231	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.8	0.589	0.112	0.0098	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.8	0.725	0.085	0.0047	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	25	187.997	0.677	3.9	1.5276	0.0000	SURCHARGED
30 minute summer	FC12	25	187.908	0.678	3.9	1.5270	0.0000	SURCHARGED
30 minute summer	FC13	25	187.676	0.676	3.9	1.5277	0.0000	SURCHARGED
30 minute summer	FC14	31	187.061	0.161	3.9	2.0506	0.0000	SURCHARGED
30 minute summer	FC15	23	187.846	0.646	2.9	1.0351	0.0000	SURCHARGED
30 minute summer	FC16	24	187.546	0.646	2.9	1.0404	0.0000	SURCHARGED
30 minute summer	FC17	24	187.646	0.646	2.9	1.0360	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.8	0.521	0.138	0.0121	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.8	0.520	0.138	0.0289	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0107	
30 minute summer	FC13	Infiltration		0.0				0.0
30 minute summer	FC14	15.000	J13	0.4	0.421	0.064	0.0069	
30 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.104	0.046	0.0034	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.8	0.543	0.126	0.0112	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.8	0.861	0.065	0.0045	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	24	187.197	0.647	2.9	1.0406	0.0000	SURCHARGED
30 minute summer	FC19	25	187.076	0.676	3.9	1.5278	0.0000	SURCHARGED
30 minute summer	FC20	25	187.620	0.670	3.9	1.5232	0.0000	SURCHARGED
30 minute summer	FC21	25	186.972	0.672	3.9	1.5287	0.0000	SURCHARGED
30 minute summer	FC22	30	186.600	0.149	2.9	1.4469	0.0000	SURCHARGED
30 minute summer	FC23	24	186.945	0.645	2.9	1.0359	0.0000	SURCHARGED
30 minute summer	FC24	25	186.972	0.672	3.9	1.5228	0.0000	SURCHARGED
30 minute summer	FC25	25	187.221	0.671	3.9	1.5231	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.8	0.517	0.135	0.0108	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.8	0.519	0.138	0.0104	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.8	1.049	0.051	0.0034	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.8	0.520	0.138	0.0120	
30 minute summer	FC21	Infiltration		0.0				0.0
30 minute summer	FC22	23.000	S17	0.4	0.546	0.025	0.0198	
30 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.912	0.060	0.0199	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.8	0.946	0.059	0.0201	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.8	1.041	0.052	0.0037	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC26	30	186.595	0.145	2.9	1.4553	0.0000	SURCHARGED
30 minute summer	FC27	23	187.144	0.644	2.9	1.0345	0.0000	SURCHARGED
30 minute summer	FC28	25	187.169	0.669	3.9	1.5235	0.0000	SURCHARGED
30 minute summer	FC29	25	187.165	0.665	3.9	1.5251	0.0000	SURCHARGED
30 minute summer	FC30	25	187.420	0.670	3.9	1.5237	0.0000	SURCHARGED
30 minute summer	FC31	24	187.101	0.651	2.9	1.1055	0.0000	SURCHARGED
30 minute summer	FC32	24	187.097	0.647	2.9	1.0482	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
30 minute summer	FC26	27.000	J23	0.4	0.728	0.028	0.0023	
30 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.285	0.037	0.0190	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.8	1.046	0.051	0.0034	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.8	1.017	0.053	0.0038	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.8	0.976	0.056	0.0037	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.7	0.581	0.188	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	1.3	0.431	0.102	0.0317	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	25	187.124	0.674	3.9	1.5233	0.0000	SURCHARGED
30 minute summer	FC34	25	187.124	0.674	3.9	1.5277	0.0000	SURCHARGED
30 minute summer	FC35	25	187.120	0.670	3.9	1.5234	0.0000	SURCHARGED
30 minute summer	FC36	25	187.112	0.662	3.9	1.5261	0.0000	SURCHARGED
30 minute summer	FC37	27	186.498	0.698	5.4	2.3136	0.0000	SURCHARGED
30 minute summer	FC38	31	185.574	0.124	2.9	1.4892	0.0000	SURCHARGED
30 minute summer	FC39	24	186.091	0.641	2.9	1.0363	0.0000	SURCHARGED
30 minute summer	FC40	25	186.126	0.626	3.9	1.5363	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.8	0.957	0.058	0.0179	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.8	0.533	0.132	0.0073	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.8	0.966	0.057	0.0043	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.012	0.053	0.0040	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.8	0.697	0.094	0.0078	
30 minute summer	FC37	Infiltration		0.0				0.0
30 minute summer	FC38	40.000	J34	0.3	0.682	0.027	0.0146	
30 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.181	0.041	0.0175	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	25	185.516	0.666	3.9	1.5247	0.0000	SURCHARGED
30 minute summer	FC42	25	185.267	0.667	3.9	1.5266	0.0000	SURCHARGED
30 minute summer	FC43	25	185.232	0.632	3.9	1.5327	0.0000	SURCHARGED
30 minute summer	FC44	18	184.638	0.038	2.9	0.0480	0.0000	OK
30 minute summer	FC45	24	185.245	0.644	2.9	1.0362	0.0000	SURCHARGED
30 minute summer	FC46	27	185.390	0.690	5.4	2.3212	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	25	185.471	0.671	3.9	1.5237	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.8	0.776	0.077	0.0053	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.8	0.676	0.094	0.0222	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.761	0.076	0.0146	
30 minute summer	FC43	Infiltration		0.0				0.0
30 minute summer	FC44	46.000	J40	2.9	1.100	0.272	0.0116	
30 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.8	0.901	0.061	0.0041	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
30 minute summer	FC46	Infiltration		0.0				0.0
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
30 minute summer	FC48	50.000	J42	0.8	0.726	0.059	0.0088	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	25	185.472	0.672	3.9	1.5291	0.0000	SURCHARGED
30 minute summer	FC50	25	185.473	0.673	3.9	1.5288	0.0000	SURCHARGED
30 minute summer	FC51	25	185.517	0.667	3.9	1.5300	0.0000	SURCHARGED
30 minute summer	FC52	25	185.907	0.657	3.9	1.5272	0.0000	SURCHARGED
30 minute summer	FC53	25	185.921	0.671	3.9	1.5261	0.0000	SURCHARGED
30 minute summer	FC54	24	185.895	0.645	2.9	1.0375	0.0000	SURCHARGED
30 minute summer	FC55	24	185.893	0.643	2.9	1.0360	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.8	0.516	0.137	0.0069	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0074	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.8	0.518	0.137	0.0096	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.754	0.080	0.0058	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.8	0.710	0.088	0.0049	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.8	0.783	0.074	0.0041	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.990	0.054	0.0034	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	24	185.988	0.638	2.9	1.0373	0.0000	SURCHARGED
30 minute summer	FC57	24	185.988	0.638	2.9	1.0368	0.0000	SURCHARGED
30 minute summer	FC58	24	185.994	0.644	2.9	1.0363	0.0000	SURCHARGED
30 minute summer	FC59	24	185.996	0.646	2.9	1.0361	0.0000	SURCHARGED
30 minute summer	FC60	25	186.022	0.672	3.9	1.5238	0.0000	SURCHARGED
30 minute summer	FC61	25	185.972	0.672	3.9	1.5257	0.0000	SURCHARGED
30 minute summer	FC62	27	185.934	0.684	5.4	2.3171	0.0000	SURCHARGED
30 minute summer	FC63	24	186.047	0.647	2.9	1.0598	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.022	0.051	0.0051	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.958	0.056	0.0054	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.8	0.922	0.060	0.0054	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.8	0.855	0.067	0.0060	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.8	0.850	0.069	0.0063	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.8	0.682	0.094	0.0088	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.8	0.630	0.107	0.0123	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	1.6	0.593	0.276	0.0188	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	24	185.801	0.651	2.9	1.0996	0.0000	SURCHARGED
30 minute summer	FC65	25	185.826	0.676	3.9	1.5436	0.0000	SURCHARGED
30 minute summer	FC66	25	185.675	0.674	3.9	1.5270	0.0000	SURCHARGED
30 minute summer	FC67	30	184.943	0.143	2.9	1.4664	0.0000	SURCHARGED
30 minute summer	FC68	24	185.195	0.645	2.9	1.0384	0.0000	SURCHARGED
30 minute summer	J1	20	188.577	0.377	14.9	0.5550	0.0000	SURCHARGED
30 minute summer	J2	20	188.209	0.153	14.9	0.1726	0.0000	SURCHARGED
30 minute summer	J3	20	188.176	0.126	15.7	0.1420	0.0000	OK
30 minute summer	J4	20	188.128	0.089	16.5	0.1002	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.6	0.356	0.277	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.4	0.446	0.145	0.0172	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.8	0.579	0.113	0.0030	
30 minute summer	FC66	Infiltration		0.0				0.0
30 minute summer	FC67	69.000	J56	0.4	0.401	0.061	0.0019	
30 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027	
30 minute summer	FC68	Infiltration		0.0				0.0
30 minute summer	J1	1.001	J2	14.1	1.800	1.698	0.0393	
30 minute summer	J2	1.002	J3	14.9	0.873	1.107	0.0173	
30 minute summer	J3	1.003	J4	15.7	1.166	1.181	0.0259	
30 minute summer	J4	1.004	J5	16.5	1.650	0.483	0.0353	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J5	20	187.987	0.077	17.3	0.0873	0.0000	OK
30 minute summer	J6	20	187.762	0.112	18.0	0.1271	0.0000	OK
30 minute summer	J7	21	187.645	0.120	18.8	0.1354	0.0000	OK
30 minute summer	J8	21	187.596	0.075	20.3	0.0846	0.0000	OK
30 minute summer	J9	21	187.397	0.122	20.4	0.1379	0.0000	OK
30 minute summer	J10	20	187.348	0.077	20.9	0.0877	0.0000	OK
30 minute summer	J11	19	187.249	0.128	22.1	0.1448	0.0000	OK
30 minute summer	J12	19	186.957	0.148	39.0	0.1672	0.0000	OK
30 minute summer	J13	19	186.843	0.216	39.4	0.2445	0.0000	OK
30 minute summer	J14	19	186.820	0.198	40.1	0.2244	0.0000	OK
30 minute summer	J15	19	186.789	0.172	40.8	0.1948	0.0000	OK
30 minute summer	J16	19	186.741	0.136	41.6	0.1543	0.0000	OK
30 minute summer	J17	19	186.401	0.118	42.3	0.1335	0.0000	OK
30 minute summer	J18	19	186.279	0.154	50.9	0.1739	0.0000	OK
30 minute summer	J19	19	186.243	0.216	51.6	0.2437	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J5	1.005	J6	17.3	1.471	0.451	0.0661	
30 minute summer	J6	1.006	J7	18.0	1.452	0.633	0.0243	
30 minute summer	J7	1.007	J8	19.5	1.190	0.636	0.0186	
30 minute summer	J8	1.008	J9	19.6	1.177	0.220	0.1416	
30 minute summer	J9	1.009	J10	20.1	1.186	0.602	0.0204	
30 minute summer	J10	1.010	J11	21.3	1.348	0.165	0.0429	
30 minute summer	J11	1.011	S2	22.3	0.810	0.346	0.1652	
30 minute summer	J12	1.013	J13	39.1	1.485	0.583	0.1743	
30 minute summer	J13	1.014	J14	39.3	0.757	0.694	0.0984	
30 minute summer	J14	1.015	J15	40.1	0.877	0.711	0.0874	
30 minute summer	J15	1.016	J16	40.8	1.117	0.765	0.1871	
30 minute summer	J16	1.017	J17	41.5	1.524	0.291	0.0916	
30 minute summer	J17	1.018	S3	42.2	1.170	0.136	0.0697	
30 minute summer	J18	1.020	J19	50.8	1.118	0.177	0.0674	
30 minute summer	J19	1.021	S4	51.6	1.058	0.935	0.2136	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J20	20	186.201	0.170	11.3	0.1924	0.0000	SURCHARGED
30 minute summer	J21	20	186.178	0.169	11.7	0.1907	0.0000	SURCHARGED
30 minute summer	J22	20	186.131	0.168	12.4	0.1902	0.0000	SURCHARGED
30 minute summer	J23	20	186.100	0.158	13.0	0.1791	0.0000	SURCHARGED
30 minute summer	J24	19	186.044	0.227	22.4	0.2568	0.0000	SURCHARGED
30 minute summer	J25	19	186.025	0.229	23.2	0.2589	0.0000	SURCHARGED
30 minute summer	J26	19	186.007	0.228	24.2	0.2575	0.0000	SURCHARGED
30 minute summer	J27	19	185.932	0.196	34.9	0.2216	0.0000	OK
30 minute summer	J28	21	186.736	0.380	8.8	0.4293	0.0000	SURCHARGED
30 minute summer	J29	21	186.539	0.268	9.0	0.3028	0.0000	SURCHARGED
30 minute summer	J30	19	186.336	0.189	18.8	0.2140	0.0000	SURCHARGED
30 minute summer	J31	19	186.186	0.142	19.6	0.1601	0.0000	OK
30 minute summer	J32	19	186.137	0.126	20.3	0.1421	0.0000	OK
30 minute summer	J33	18	185.621	0.086	31.0	0.0971	0.0000	OK
30 minute summer	J34	19	185.319	0.194	43.0	0.2197	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J20	23.002	J21	10.9	0.680	0.811	0.0665	
30 minute summer	J21	23.003	J22	11.5	0.688	0.861	0.1411	
30 minute summer	J22	23.004	J23	12.7	0.721	0.938	0.0633	
30 minute summer	J23	23.005	S18	13.3	0.849	0.997	0.1321	
30 minute summer	J24	23.007	J25	22.4	0.565	0.744	0.2458	
30 minute summer	J25	23.008	J26	23.4	0.591	0.776	0.1974	
30 minute summer	J26	23.009	S19	24.5	0.628	0.800	0.1473	
30 minute summer	J27	23.011	S4	34.9	1.045	1.168	0.0791	
30 minute summer	J28	32.001	J29	8.1	1.031	1.362	0.0691	
30 minute summer	J29	32.002	S12	9.4	1.198	1.579	0.0364	
30 minute summer	J30	32.004	J31	18.8	1.076	1.415	0.0831	
30 minute summer	J31	32.005	J32	19.5	0.799	0.650	0.2391	
30 minute summer	J32	32.006	S13	20.3	1.116	0.676	0.1009	
30 minute summer	J33	32.008	S14	31.0	1.201	0.298	0.2393	
30 minute summer	J34	32.010	J35	42.9	1.361	1.112	0.2805	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J35	19	185.214	0.139	43.7	0.1571	0.0000	OK
30 minute summer	J36	19	185.074	0.199	44.6	0.2256	0.0000	OK
30 minute summer	J37	19	184.700	0.200	56.8	0.2263	0.0000	OK
30 minute summer	J38	19	184.609	0.309	69.0	0.3493	0.0000	SURCHARGED
30 minute summer	J39	19	184.543	0.269	70.0	0.3039	0.0000	OK
30 minute summer	J40	19	184.482	0.217	72.8	0.2450	0.0000	OK
30 minute summer	J41	28	184.622	0.025	0.8	0.0285	0.0000	OK
30 minute summer	J42	27	184.574	0.037	1.6	0.0423	0.0000	OK
30 minute summer	J43	20	184.548	0.168	10.0	0.1901	0.0000	SURCHARGED
30 minute summer	J44	20	184.538	0.168	10.2	0.1895	0.0000	SURCHARGED
30 minute summer	J45	20	184.502	0.182	10.5	0.2057	0.0000	SURCHARGED
30 minute summer	J46	20	184.477	0.255	17.8	0.2879	0.0000	SURCHARGED
30 minute summer	J47	20	184.467	0.259	18.4	0.2935	0.0000	SURCHARGED
30 minute summer	J48	20	184.445	0.251	26.1	0.2838	0.0000	SURCHARGED
30 minute summer	J49	20	184.416	0.247	26.7	0.2789	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J35	32.011	J36	43.8	1.368	0.492	0.2162	
30 minute summer	J36	32.012	S15	44.7	1.368	1.491	0.0767	
30 minute summer	J37	32.014	S16	57.0	1.368	1.032	0.2187	
30 minute summer	J38	32.016	J39	69.2	0.994	1.280	0.7408	
30 minute summer	J39	32.017	J40	70.1	1.148	1.281	0.2212	
30 minute summer	J40	32.018	S10	72.9	1.443	0.732	0.4827	
30 minute summer	J41	48.002	J42	0.8	0.437	0.139	0.0131	
30 minute summer	J42	48.003	S21	1.6	0.630	0.278	0.0422	
30 minute summer	J43	48.005	J44	9.5	0.659	0.682	0.0283	
30 minute summer	J44	48.006	J45	9.7	0.680	0.728	0.1545	
30 minute summer	J45	48.007	S22	11.1	0.719	0.818	0.0419	
30 minute summer	J46	48.009	J47	17.7	0.444	0.573	0.1676	
30 minute summer	J47	48.010	S23	18.5	0.466	0.615	0.1050	
30 minute summer	J48	48.012	J49	25.9	0.651	0.865	0.2962	
30 minute summer	J49	48.013	J50	26.5	0.666	0.864	0.0451	

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.401	0.236	27.3	0.2673	0.0000	SURCHARGED
30 minute summer	J51	20	184.376	0.227	28.1	0.2573	0.0000	SURCHARGED
30 minute summer	J52	20	184.359	0.215	28.9	0.2430	0.0000	OK
30 minute summer	J53	20	184.330	0.203	29.7	0.2291	0.0000	OK
30 minute summer	J54	21	185.349	0.220	8.5	0.2483	0.0000	SURCHARGED
30 minute summer	J55	21	185.255	0.161	8.7	0.1820	0.0000	SURCHARGED
30 minute summer	J56	20	184.256	0.249	46.0	0.2819	0.0000	OK
30 minute summer	J57	19	184.225	0.240	46.9	0.2714	0.0000	OK
30 minute summer	BASIN 1	78	185.811	0.886	98.2	104.1394	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.748	0.448	5.3	44.1072	0.0000	OK
30 minute summer	BASIN 3	270	182.863	-0.237	99.2	96.3651	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	27.3	0.687	0.914	0.2017	
30 minute summer	J51	48.015	J52	28.1	0.710	0.918	0.0448	
30 minute summer	J52	48.016	J53	28.9	0.754	0.949	0.1871	
30 minute summer	J53	48.017	S24	29.8	0.867	0.987	0.3730	
30 minute summer	J54	65.002	J55	8.1	1.036	1.369	0.0285	
30 minute summer	J55	65.003	S24	8.6	1.101	1.132	0.0602	
30 minute summer	J56	48.019	J57	46.1	0.750	0.850	0.5587	
30 minute summer	J57	48.020	S25	47.1	0.816	0.862	0.3561	
30 minute summer	BASIN 1	1.023	S5	4.4	0.376	0.053	0.9418	
30 minute summer	BASIN 1	Infiltration		0.1				1.6
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 2	71.000	BH1	2.3	0.808	0.389	0.1829	
30 minute summer	BASIN 2	Infiltration		0.0				0.0
30 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	BASIN 4	125	183.621	0.291	66.8	84.2784	0.0000	OK
30 minute summer	SWALE 1	79	184.925	0.051	3.2	0.0731	0.0000	OK
30 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	19	184.230	0.235	84.6	0.3356	0.0000	OK
30 minute summer	BH1	270	184.748	0.671	2.3	2.7479	0.0000	OK
30 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute summer	BH3	123	183.621	0.302	13.7	3.0157	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	BASIN 4	48.022	BH3	13.7	1.160	0.252	0.3197	
30 minute summer	BASIN 4	Infiltration		0.0				0.0
30 minute summer	SWALE 1	1.025	S6	3.2	0.372	0.039	0.3281	
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute summer	SWALE 3	1.033	BASIN 3	83.6	1.231	0.669	2.9513	
30 minute summer	BH1	Infiltration		0.1				1.3
30 minute summer	BH2	Infiltration		0.0				0.0
30 minute summer	BH3	Infiltration		0.2				2.8

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	20	188.594	0.224	6.7	0.3300	0.0000	SURCHARGED
30 minute winter	S2	19	187.231	0.192	34.1	0.3317	0.0000	OK
30 minute winter	S3	19	186.318	0.181	44.8	0.2401	0.0000	OK
30 minute winter	S4	77	185.812	0.434	83.3	0.5559	0.0000	SURCHARGED
30 minute winter	S5	78	185.812	0.901	4.9	1.2900	0.0000	SURCHARGED
30 minute winter	S6	80	184.857	0.049	3.2	0.0701	0.0000	OK
30 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	19	184.283	0.158	1.2	0.2264	0.0000	OK
30 minute winter	S10	19	184.283	0.170	72.6	0.3096	0.0000	OK
30 minute winter	S11	20	186.747	0.347	8.7	0.5444	0.0000	SURCHARGED
30 minute winter	S12	19	186.384	0.208	16.3	0.3082	0.0000	SURCHARGED
30 minute winter	S13	19	186.079	0.086	26.7	0.1286	0.0000	OK
30 minute winter	S14	19	185.358	0.183	37.1	0.2881	0.0000	OK
30 minute winter	S15	19	185.000	0.132	48.2	0.2082	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S1	1.000	J1	6.0	0.766	0.687	0.0642	
30 minute winter	S2	1.012	J12	34.1	1.039	1.141	0.0487	
30 minute winter	S3	1.019	J18	44.7	1.159	0.839	0.1979	
30 minute winter	S4	1.022	BASIN 1	83.6	2.009	0.499	1.1778	
30 minute winter	S5	1.024	SWALE 1	3.2	0.388	0.039	0.1815	
30 minute winter	S6	1.026	BASIN 2	3.2	0.447	0.037	0.0417	
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2652	
30 minute winter	S9	1.031	S10	-1.2	-0.177	-0.015	0.3099	
30 minute winter	S10	1.032	SWALE 3	72.5	1.295	0.220	0.2460	
30 minute winter	S11	32.000	J28	7.5	0.956	1.257	0.0355	
30 minute winter	S12	32.003	J30	16.2	0.921	1.213	0.0895	
30 minute winter	S13	32.007	J33	26.7	2.009	0.273	0.1732	
30 minute winter	S14	32.009	J34	37.0	1.097	0.728	0.1768	
30 minute winter	S15	32.013	J37	48.3	2.162	0.523	0.2084	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	18	184.617	0.130	58.4	0.1985	0.0000	OK
30 minute winter	S17	19	186.373	0.223	9.4	0.3551	0.0000	SURCHARGED
30 minute winter	S18	19	186.023	0.199	19.8	0.2940	0.0000	OK
30 minute winter	S19	19	185.969	0.203	30.4	0.2924	0.0000	OK
30 minute winter	S20	29	184.668	0.026	0.8	0.0296	0.0000	OK
30 minute winter	S21	19	184.516	0.107	8.3	0.1424	0.0000	OK
30 minute winter	S22	20	184.452	0.220	16.4	0.2857	0.0000	OK
30 minute winter	S23	20	184.429	0.231	23.6	0.2983	0.0000	SURCHARGED
30 minute winter	S24	20	184.265	0.248	42.7	0.3258	0.0000	OK
30 minute winter	S25	20	184.182	0.212	49.8	0.2926	0.0000	OK
30 minute winter	S26	19	185.452	0.075	7.7	0.1101	0.0000	OK
30 minute winter	FC1	26	188.929	0.679	3.2	1.5811	0.0000	SURCHARGED
30 minute winter	FC2	26	188.822	0.671	3.2	1.5153	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S16	32.015	J38	58.5	1.171	0.184	0.1112	
30 minute winter	S17	23.001	J20	9.0	1.154	1.523	0.0551	
30 minute winter	S18	23.006	J24	19.7	0.548	0.617	0.0677	
30 minute winter	S19	23.010	J27	30.3	0.839	1.012	0.3209	
30 minute winter	S20	48.001	J41	0.8	0.519	0.138	0.0073	
30 minute winter	S21	48.004	J43	8.2	0.600	0.612	0.0730	
30 minute winter	S22	48.008	J46	16.0	0.441	0.509	0.0964	
30 minute winter	S23	48.011	J48	23.4	0.591	0.760	0.0446	
30 minute winter	S24	48.018	J56	42.7	0.701	0.799	0.2587	
30 minute winter	S25	48.021	BASIN 4	49.9	1.045	0.936	0.1833	
30 minute winter	S26	65.001	J54	7.6	1.015	0.734	0.0600	
30 minute winter	FC1	2.000	J1	1.8	0.566	0.283	0.0372	
30 minute winter	FC1	Infiltration		0.0				0.0
30 minute winter	FC2	3.000	J2	0.9	0.517	0.157	0.0250	
30 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC3	29	188.877	0.677	4.3	2.3011	0.0000	SURCHARGED
30 minute winter	FC4	25	188.839	0.639	2.4	1.0029	0.0000	SURCHARGED
30 minute winter	FC5	26	188.667	0.667	3.2	1.5124	0.0000	SURCHARGED
30 minute winter	FC6	25	188.492	0.642	2.4	1.0012	0.0000	SURCHARGED
30 minute winter	FC7	25	188.392	0.642	2.4	1.0029	0.0000	SURCHARGED
30 minute winter	FC8	26	188.420	0.670	3.2	1.5071	0.0000	SURCHARGED
30 minute winter	FC9	25	188.112	0.642	2.4	1.0043	0.0000	SURCHARGED
30 minute winter	FC10	29	188.159	0.689	4.3	2.2967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC3	4.000	J3	0.8	0.544	0.131	0.0329	
30 minute winter	FC3	Infiltration		0.0				0.0
30 minute winter	FC4	5.000	J4	0.8	0.609	0.107	0.0129	
30 minute winter	FC4	Infiltration		0.0				0.0
30 minute winter	FC5	6.000	J5	0.8	0.515	0.137	0.0065	
30 minute winter	FC5	Infiltration		0.0				0.0
30 minute winter	FC6	7.000	J6	0.8	0.679	0.092	0.0205	
30 minute winter	FC6	Infiltration		0.0				0.0
30 minute winter	FC7	8.000	J7	0.8	0.589	0.112	0.0098	
30 minute winter	FC7	Infiltration		0.0				0.0
30 minute winter	FC8	9.000	J8	0.8	0.725	0.085	0.0047	
30 minute winter	FC8	Infiltration		0.0				0.0
30 minute winter	FC9	10.000	J9	0.8	0.519	0.134	0.0110	
30 minute winter	FC9	Infiltration		0.0				0.0
30 minute winter	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC11	26	187.995	0.675	3.2	1.5100	0.0000	SURCHARGED
30 minute winter	FC12	26	187.906	0.676	3.2	1.5095	0.0000	SURCHARGED
30 minute winter	FC13	26	187.675	0.675	3.2	1.5102	0.0000	SURCHARGED
30 minute winter	FC14	31	187.061	0.161	3.2	2.0585	0.0000	SURCHARGED
30 minute winter	FC15	25	187.842	0.642	2.4	0.9980	0.0000	SURCHARGED
30 minute winter	FC16	25	187.543	0.642	2.4	1.0037	0.0000	SURCHARGED
30 minute winter	FC17	25	187.643	0.642	2.4	0.9994	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC10	Infiltration		0.0				0.0
30 minute winter	FC11	12.000	J11	0.8	0.521	0.138	0.0121	
30 minute winter	FC11	Infiltration		0.0				0.0
30 minute winter	FC12	13.000	S2	0.8	0.520	0.138	0.0243	
30 minute winter	FC12	Infiltration		0.0				0.0
30 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0107	
30 minute winter	FC13	Infiltration		0.0				0.0
30 minute winter	FC14	15.000	J13	0.4	0.422	0.065	0.0069	
30 minute winter	FC14	Infiltration		0.0				0.0
30 minute winter	FC15	16.000	J14	0.8	1.103	0.046	0.0034	
30 minute winter	FC15	Infiltration		0.0				0.0
30 minute winter	FC16	17.000	J15	0.8	0.542	0.126	0.0111	
30 minute winter	FC16	Infiltration		0.0				0.0
30 minute winter	FC17	18.000	J16	0.8	0.861	0.065	0.0045	
30 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC18	25	187.193	0.643	2.4	1.0042	0.0000	SURCHARGED
30 minute winter	FC19	26	187.075	0.675	3.2	1.5102	0.0000	SURCHARGED
30 minute winter	FC20	26	187.619	0.669	3.2	1.5047	0.0000	SURCHARGED
30 minute winter	FC21	26	186.970	0.670	3.2	1.5112	0.0000	SURCHARGED
30 minute winter	FC22	30	186.599	0.149	2.4	1.4420	0.0000	SURCHARGED
30 minute winter	FC23	25	186.942	0.642	2.4	0.9988	0.0000	SURCHARGED
30 minute winter	FC24	26	186.971	0.671	3.2	1.5045	0.0000	SURCHARGED
30 minute winter	FC25	26	187.220	0.670	3.2	1.5046	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC18	19.000	J17	0.8	0.516	0.135	0.0108	
30 minute winter	FC18	Infiltration		0.0				0.0
30 minute winter	FC19	20.000	S3	0.8	0.519	0.138	0.0104	
30 minute winter	FC19	Infiltration		0.0				0.0
30 minute winter	FC20	21.000	J18	0.8	1.049	0.051	0.0034	
30 minute winter	FC20	Infiltration		0.0				0.0
30 minute winter	FC21	22.000	J19	0.8	0.520	0.138	0.0119	
30 minute winter	FC21	Infiltration		0.0				0.0
30 minute winter	FC22	23.000	S17	0.4	0.546	0.025	0.0197	
30 minute winter	FC22	Infiltration		0.0				0.0
30 minute winter	FC23	24.000	J20	0.8	0.912	0.060	0.0153	
30 minute winter	FC23	Infiltration		0.0				0.0
30 minute winter	FC24	25.000	J21	0.8	0.946	0.059	0.0156	
30 minute winter	FC24	Infiltration		0.0				0.0
30 minute winter	FC25	26.000	J22	0.8	1.041	0.052	0.0037	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC26	30	186.594	0.144	2.4	1.4504	0.0000	SURCHARGED
30 minute winter	FC27	25	187.141	0.640	2.4	0.9974	0.0000	SURCHARGED
30 minute winter	FC28	26	187.168	0.668	3.2	1.5049	0.0000	SURCHARGED
30 minute winter	FC29	26	187.164	0.664	3.2	1.5063	0.0000	SURCHARGED
30 minute winter	FC30	26	187.419	0.669	3.2	1.5052	0.0000	SURCHARGED
30 minute winter	FC31	25	187.096	0.646	2.4	1.0553	0.0000	SURCHARGED
30 minute winter	FC32	25	187.092	0.642	2.4	1.0030	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC25	Infiltration		0.0				0.0
30 minute winter	FC26	27.000	J23	0.4	0.728	0.028	0.0023	
30 minute winter	FC26	Infiltration		0.0				0.0
30 minute winter	FC27	28.000	J24	0.8	1.284	0.037	0.0147	
30 minute winter	FC27	Infiltration		0.0				0.0
30 minute winter	FC28	29.000	J25	0.8	1.046	0.051	0.0034	
30 minute winter	FC28	Infiltration		0.0				0.0
30 minute winter	FC29	30.000	J26	0.8	1.017	0.053	0.0038	
30 minute winter	FC29	Infiltration		0.0				0.0
30 minute winter	FC30	31.000	J27	0.8	0.976	0.056	0.0037	
30 minute winter	FC30	Infiltration		0.0				0.0
30 minute winter	FC31	33.000	J28	1.5	0.579	0.170	0.0333	
30 minute winter	FC31	Infiltration		0.0				0.0
30 minute winter	FC32	34.000	J29	1.1	0.430	0.087	0.0236	
30 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC33	26	187.123	0.673	3.2	1.5045	0.0000	SURCHARGED
30 minute winter	FC34	26	187.123	0.673	3.2	1.5104	0.0000	SURCHARGED
30 minute winter	FC35	26	187.119	0.669	3.2	1.5051	0.0000	SURCHARGED
30 minute winter	FC36	26	187.111	0.661	3.2	1.5072	0.0000	SURCHARGED
30 minute winter	FC37	29	186.497	0.697	4.3	2.2909	0.0000	SURCHARGED
30 minute winter	FC38	31	185.574	0.124	2.4	1.4843	0.0000	SURCHARGED
30 minute winter	FC39	25	186.088	0.638	2.4	0.9992	0.0000	SURCHARGED
30 minute winter	FC40	26	186.125	0.625	3.2	1.5196	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC33	35.000	S12	0.8	0.957	0.058	0.0179	
30 minute winter	FC33	Infiltration		0.0				0.0
30 minute winter	FC34	36.000	J30	0.8	0.533	0.132	0.0073	
30 minute winter	FC34	Infiltration		0.0				0.0
30 minute winter	FC35	37.000	J31	0.8	0.966	0.057	0.0043	
30 minute winter	FC35	Infiltration		0.0				0.0
30 minute winter	FC36	38.000	J32	0.8	1.012	0.053	0.0040	
30 minute winter	FC36	Infiltration		0.0				0.0
30 minute winter	FC37	39.000	J33	0.8	0.696	0.094	0.0078	
30 minute winter	FC37	Infiltration		0.0				0.0
30 minute winter	FC38	40.000	J34	0.3	0.682	0.027	0.0099	
30 minute winter	FC38	Infiltration		0.0				0.0
30 minute winter	FC39	41.000	J35	0.8	0.967	0.055	0.0037	
30 minute winter	FC39	Infiltration		0.0				0.0
30 minute winter	FC40	42.000	J36	0.8	1.180	0.041	0.0128	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC41	26	185.515	0.665	3.2	1.5078	0.0000	SURCHARGED
30 minute winter	FC42	26	185.266	0.665	3.2	1.5090	0.0000	SURCHARGED
30 minute winter	FC43	26	185.232	0.632	3.2	1.5165	0.0000	SURCHARGED
30 minute winter	FC44	18	184.635	0.034	2.4	0.0432	0.0000	OK
30 minute winter	FC45	25	185.241	0.641	2.4	0.9995	0.0000	SURCHARGED
30 minute winter	FC46	29	185.389	0.689	4.3	2.3003	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	26	185.470	0.670	3.2	1.5049	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC40	Infiltration		0.0				0.0
30 minute winter	FC41	43.000	J37	0.8	0.776	0.077	0.0053	
30 minute winter	FC41	Infiltration		0.0				0.0
30 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0177	
30 minute winter	FC42	Infiltration		0.0				0.0
30 minute winter	FC43	45.000	J39	0.8	0.761	0.076	0.0084	
30 minute winter	FC43	Infiltration		0.0				0.0
30 minute winter	FC44	46.000	J40	2.4	1.048	0.225	0.0101	
30 minute winter	FC44	Infiltration		0.0				0.0
30 minute winter	FC45	47.000	S10	0.8	0.900	0.061	0.0041	
30 minute winter	FC45	Infiltration		0.0				0.0
30 minute winter	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
30 minute winter	FC46	Infiltration		0.0				0.0
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
30 minute winter	FC48	50.000	J42	0.8	0.757	0.058	0.0088	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC49	26	185.471	0.671	3.2	1.5115	0.0000	SURCHARGED
30 minute winter	FC50	26	185.472	0.672	3.2	1.5112	0.0000	SURCHARGED
30 minute winter	FC51	26	185.516	0.666	3.2	1.5125	0.0000	SURCHARGED
30 minute winter	FC52	26	185.906	0.656	3.2	1.5104	0.0000	SURCHARGED
30 minute winter	FC53	26	185.920	0.670	3.2	1.5073	0.0000	SURCHARGED
30 minute winter	FC54	25	185.891	0.641	2.4	1.0004	0.0000	SURCHARGED
30 minute winter	FC55	25	185.890	0.640	2.4	0.9988	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC48	Infiltration		0.0				0.0
30 minute winter	FC49	51.000	S21	0.8	0.515	0.137	0.0069	
30 minute winter	FC49	Infiltration		0.0				0.0
30 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0074	
30 minute winter	FC50	Infiltration		0.0				0.0
30 minute winter	FC51	55.000	S22	0.8	0.518	0.137	0.0096	
30 minute winter	FC51	Infiltration		0.0				0.0
30 minute winter	FC52	58.000	S23	0.8	0.754	0.080	0.0058	
30 minute winter	FC52	Infiltration		0.0				0.0
30 minute winter	FC53	61.000	J50	0.8	0.710	0.088	0.0049	
30 minute winter	FC53	Infiltration		0.0				0.0
30 minute winter	FC54	62.000	J51	0.8	0.782	0.074	0.0041	
30 minute winter	FC54	Infiltration		0.0				0.0
30 minute winter	FC55	64.000	J53	0.8	0.989	0.053	0.0034	
30 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC56	25	185.985	0.635	2.4	0.9995	0.0000	SURCHARGED
30 minute winter	FC57	25	185.986	0.636	2.4	0.9996	0.0000	SURCHARGED
30 minute winter	FC58	25	185.991	0.641	2.4	0.9993	0.0000	SURCHARGED
30 minute winter	FC59	25	185.992	0.642	2.4	0.9995	0.0000	SURCHARGED
30 minute winter	FC60	26	186.021	0.671	3.2	1.5059	0.0000	SURCHARGED
30 minute winter	FC61	26	185.971	0.671	3.2	1.5077	0.0000	SURCHARGED
30 minute winter	FC62	29	185.934	0.684	4.3	2.2976	0.0000	SURCHARGED
30 minute winter	FC63	25	186.042	0.642	2.4	1.0114	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC56	53.000	J44	0.8	1.022	0.051	0.0051	
30 minute winter	FC56	Infiltration		0.0				0.0
30 minute winter	FC57	54.000	J45	0.8	0.958	0.056	0.0054	
30 minute winter	FC57	Infiltration		0.0				0.0
30 minute winter	FC58	56.000	J46	0.8	0.921	0.060	0.0054	
30 minute winter	FC58	Infiltration		0.0				0.0
30 minute winter	FC59	57.000	J47	0.8	0.854	0.066	0.0060	
30 minute winter	FC59	Infiltration		0.0				0.0
30 minute winter	FC60	59.000	J48	0.8	0.850	0.069	0.0063	
30 minute winter	FC60	Infiltration		0.0				0.0
30 minute winter	FC61	60.000	J49	0.8	0.682	0.094	0.0088	
30 minute winter	FC61	Infiltration		0.0				0.0
30 minute winter	FC62	63.000	J52	0.8	0.630	0.107	0.0123	
30 minute winter	FC62	Infiltration		0.0				0.0
30 minute winter	FC63	65.000	S26	0.9	0.590	0.159	0.0125	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC64	25	185.797	0.647	2.4	1.0568	0.0000	SURCHARGED
30 minute winter	FC65	26	185.824	0.674	3.2	1.5198	0.0000	SURCHARGED
30 minute winter	FC66	26	185.673	0.673	3.2	1.5092	0.0000	SURCHARGED
30 minute winter	FC67	30	184.942	0.142	2.4	1.4616	0.0000	SURCHARGED
30 minute winter	FC68	25	185.191	0.641	2.4	1.0018	0.0000	SURCHARGED
30 minute winter	J1	20	188.493	0.293	12.8	0.4309	0.0000	SURCHARGED
30 minute winter	J2	20	188.196	0.140	13.3	0.1587	0.0000	OK
30 minute winter	J3	20	188.167	0.117	14.1	0.1321	0.0000	OK
30 minute winter	J4	20	188.122	0.083	14.9	0.0936	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC63	Infiltration		0.0				0.0
30 minute winter	FC64	66.000	J54	1.3	0.356	0.225	0.0172	
30 minute winter	FC64	Infiltration		0.0				0.0
30 minute winter	FC65	67.000	J55	1.2	0.446	0.120	0.0161	
30 minute winter	FC65	Infiltration		0.0				0.0
30 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
30 minute winter	FC66	Infiltration		0.0				0.0
30 minute winter	FC67	69.000	J56	0.4	0.401	0.061	0.0019	
30 minute winter	FC67	Infiltration		0.0				0.0
30 minute winter	FC68	70.000	J57	0.8	0.675	0.089	0.0027	
30 minute winter	FC68	Infiltration		0.0				0.0
30 minute winter	J1	1.001	J2	12.6	1.607	1.515	0.0389	
30 minute winter	J2	1.002	J3	13.3	0.830	0.993	0.0165	
30 minute winter	J3	1.003	J4	14.1	1.136	1.064	0.0241	
30 minute winter	J4	1.004	J5	14.9	1.624	0.437	0.0324	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J5	20	187.982	0.072	15.7	0.0817	0.0000	OK
30 minute winter	J6	21	187.755	0.105	16.5	0.1191	0.0000	OK
30 minute winter	J7	21	187.639	0.114	17.3	0.1292	0.0000	OK
30 minute winter	J8	21	187.592	0.071	17.9	0.0804	0.0000	OK
30 minute winter	J9	21	187.393	0.118	18.9	0.1331	0.0000	OK
30 minute winter	J10	21	187.343	0.073	19.4	0.0827	0.0000	OK
30 minute winter	J11	20	187.235	0.114	20.5	0.1294	0.0000	OK
30 minute winter	J12	19	186.945	0.136	34.9	0.1534	0.0000	OK
30 minute winter	J13	19	186.829	0.202	35.1	0.2284	0.0000	OK
30 minute winter	J14	19	186.808	0.186	35.9	0.2102	0.0000	OK
30 minute winter	J15	19	186.779	0.162	36.6	0.1830	0.0000	OK
30 minute winter	J16	20	186.733	0.128	37.4	0.1449	0.0000	OK
30 minute winter	J17	20	186.391	0.108	38.2	0.1218	0.0000	OK
30 minute winter	J18	19	186.267	0.142	45.5	0.1606	0.0000	OK
30 minute winter	J19	19	186.229	0.202	46.3	0.2284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J5	1.005	J6	15.7	1.446	0.410	0.0613	
30 minute winter	J6	1.006	J7	16.5	1.425	0.579	0.0227	
30 minute winter	J7	1.007	J8	17.1	1.112	0.557	0.0175	
30 minute winter	J8	1.008	J9	18.1	1.146	0.203	0.1343	
30 minute winter	J9	1.009	J10	18.6	1.159	0.556	0.0193	
30 minute winter	J10	1.010	J11	19.7	1.343	0.153	0.0384	
30 minute winter	J11	1.011	S2	20.6	0.788	0.320	0.1505	
30 minute winter	J12	1.013	J13	34.8	1.474	0.520	0.1556	
30 minute winter	J13	1.014	J14	35.1	0.729	0.620	0.0913	
30 minute winter	J14	1.015	J15	35.8	0.847	0.636	0.0810	
30 minute winter	J15	1.016	J16	36.6	1.085	0.686	0.1728	
30 minute winter	J16	1.017	J17	37.4	1.487	0.263	0.0846	
30 minute winter	J17	1.018	S3	38.2	1.157	0.123	0.0632	
30 minute winter	J18	1.020	J19	45.5	1.089	0.159	0.0620	
30 minute winter	J19	1.021	S4	46.2	1.020	0.839	0.1991	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J20	20	186.151	0.120	9.8	0.1354	0.0000	OK
30 minute winter	J21	20	186.129	0.120	10.5	0.1361	0.0000	OK
30 minute winter	J22	20	186.095	0.132	11.2	0.1495	0.0000	OK
30 minute winter	J23	20	186.068	0.126	11.6	0.1424	0.0000	OK
30 minute winter	J24	19	186.013	0.196	20.5	0.2217	0.0000	OK
30 minute winter	J25	19	185.998	0.202	21.2	0.2283	0.0000	OK
30 minute winter	J26	19	185.983	0.204	22.1	0.2309	0.0000	OK
30 minute winter	J27	19	185.918	0.182	31.1	0.2056	0.0000	OK
30 minute winter	J28	21	186.662	0.306	7.6	0.3465	0.0000	SURCHARGED
30 minute winter	J29	21	186.496	0.225	8.3	0.2545	0.0000	SURCHARGED
30 minute winter	J30	19	186.317	0.170	17.0	0.1925	0.0000	SURCHARGED
30 minute winter	J31	19	186.177	0.133	17.8	0.1505	0.0000	OK
30 minute winter	J32	19	186.130	0.119	18.6	0.1344	0.0000	OK
30 minute winter	J33	19	185.615	0.080	27.6	0.0909	0.0000	OK
30 minute winter	J34	19	185.299	0.174	37.2	0.1965	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J20	23.002	J21	9.7	0.659	0.721	0.0570	
30 minute winter	J21	23.003	J22	10.4	0.675	0.779	0.1265	
30 minute winter	J22	23.004	J23	11.2	0.705	0.832	0.0579	
30 minute winter	J23	23.005	S18	11.6	0.821	0.865	0.1172	
30 minute winter	J24	23.007	J25	20.4	0.549	0.678	0.2296	
30 minute winter	J25	23.008	J26	21.3	0.566	0.704	0.1873	
30 minute winter	J26	23.009	S19	22.2	0.595	0.725	0.1401	
30 minute winter	J27	23.011	S4	31.1	0.998	1.041	0.0741	
30 minute winter	J28	32.001	J29	7.4	0.947	1.251	0.0691	
30 minute winter	J29	32.002	S12	8.6	1.094	1.443	0.0364	
30 minute winter	J30	32.004	J31	17.0	0.981	1.279	0.0815	
30 minute winter	J31	32.005	J32	17.8	0.779	0.591	0.2226	
30 minute winter	J32	32.006	S13	18.6	1.089	0.618	0.0932	
30 minute winter	J33	32.008	S14	27.6	1.188	0.265	0.2147	
30 minute winter	J34	32.010	J35	37.3	1.340	0.967	0.2492	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J35	19	185.199	0.124	38.1	0.1397	0.0000	OK
30 minute winter	J36	19	185.055	0.180	38.9	0.2035	0.0000	OK
30 minute winter	J37	19	184.681	0.181	49.1	0.2052	0.0000	OK
30 minute winter	J38	19	184.572	0.272	59.3	0.3072	0.0000	OK
30 minute winter	J39	19	184.513	0.239	60.2	0.2705	0.0000	OK
30 minute winter	J40	19	184.460	0.195	62.5	0.2200	0.0000	OK
30 minute winter	J41	30	184.622	0.025	0.8	0.0284	0.0000	OK
30 minute winter	J42	28	184.574	0.037	1.6	0.0423	0.0000	OK
30 minute winter	J43	20	184.502	0.122	8.9	0.1375	0.0000	OK
30 minute winter	J44	20	184.490	0.120	9.5	0.1357	0.0000	OK
30 minute winter	J45	20	184.466	0.146	10.1	0.1654	0.0000	OK
30 minute winter	J46	20	184.446	0.224	16.8	0.2529	0.0000	OK
30 minute winter	J47	20	184.437	0.230	17.4	0.2603	0.0000	SURCHARGED
30 minute winter	J48	20	184.419	0.225	24.2	0.2540	0.0000	OK
30 minute winter	J49	20	184.395	0.226	24.8	0.2554	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J35	32.011	J36	38.1	1.338	0.428	0.1936	
30 minute winter	J36	32.012	S15	38.9	1.326	1.297	0.0691	
30 minute winter	J37	32.014	S16	49.1	1.333	0.890	0.1913	
30 minute winter	J38	32.016	J39	59.4	0.929	1.099	0.6885	
30 minute winter	J39	32.017	J40	60.2	1.104	1.101	0.1984	
30 minute winter	J40	32.018	S10	62.5	1.395	0.628	0.4283	
30 minute winter	J41	48.002	J42	0.8	0.437	0.139	0.0131	
30 minute winter	J42	48.003	S21	1.6	0.630	0.278	0.0291	
30 minute winter	J43	48.005	J44	8.8	0.642	0.631	0.0244	
30 minute winter	J44	48.006	J45	9.3	0.670	0.699	0.1430	
30 minute winter	J45	48.007	S22	10.0	0.728	0.738	0.0416	
30 minute winter	J46	48.009	J47	16.6	0.422	0.538	0.1675	
30 minute winter	J47	48.010	S23	17.3	0.436	0.575	0.1050	
30 minute winter	J48	48.012	J49	24.0	0.607	0.804	0.2960	
30 minute winter	J49	48.013	J50	24.7	0.627	0.807	0.0449	

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J50	20	184.382	0.217	25.5	0.2457	0.0000	OK
30 minute winter	J51	20	184.361	0.213	26.3	0.2405	0.0000	OK
30 minute winter	J52	20	184.344	0.200	27.1	0.2264	0.0000	OK
30 minute winter	J53	20	184.316	0.189	27.9	0.2133	0.0000	OK
30 minute winter	J54	20	185.315	0.186	8.0	0.2104	0.0000	SURCHARGED
30 minute winter	J55	21	185.231	0.137	8.4	0.1554	0.0000	SURCHARGED
30 minute winter	J56	20	184.244	0.237	43.1	0.2680	0.0000	OK
30 minute winter	J57	20	184.214	0.229	43.8	0.2587	0.0000	OK
30 minute winter	BASIN 1	78	185.812	0.887	87.3	104.1808	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.748	0.448	4.7	44.1046	0.0000	OK
30 minute winter	BASIN 3	270	182.863	-0.237	84.9	96.2032	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J50	48.014	J51	25.5	0.653	0.854	0.1984	
30 minute winter	J51	48.015	J52	26.3	0.689	0.858	0.0433	
30 minute winter	J52	48.016	J53	27.1	0.743	0.888	0.1776	
30 minute winter	J53	48.017	S24	27.9	0.878	0.925	0.3501	
30 minute winter	J54	65.002	J55	7.6	0.977	1.292	0.0285	
30 minute winter	J55	65.003	S24	8.2	1.048	1.075	0.0599	
30 minute winter	J56	48.019	J57	43.0	0.734	0.794	0.5331	
30 minute winter	J57	48.020	S25	43.8	0.796	0.803	0.3387	
30 minute winter	BASIN 1	1.023	S5	4.9	0.335	0.059	0.9418	
30 minute winter	BASIN 1	Infiltration		0.1				1.6
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 2	71.000	BH1	2.3	0.799	0.389	0.1829	
30 minute winter	BASIN 2	Infiltration		0.0				0.0
30 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	BASIN 4	125	183.621	0.291	59.9	84.1726	0.0000	OK
30 minute winter	SWALE 1	79	184.925	0.051	3.2	0.0731	0.0000	OK
30 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	19	184.207	0.212	72.5	0.3036	0.0000	OK
30 minute winter	BH1	270	184.748	0.671	2.3	2.7479	0.0000	OK
30 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute winter	BH3	120	183.621	0.302	12.1	3.0140	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	BASIN 4	48.022	BH3	12.1	1.119	0.224	0.3196	
30 minute winter	BASIN 4	Infiltration		0.0				0.0
30 minute winter	SWALE 1	1.025	S6	3.2	0.372	0.039	0.3281	
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute winter	SWALE 3	1.033	BASIN 3	72.1	1.179	0.577	2.6441	
30 minute winter	BH1	Infiltration		0.1				1.3
30 minute winter	BH2	Infiltration		0.0				0.0
30 minute winter	BH3	Infiltration		0.2				2.8

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	34	188.548	0.178	6.2	0.2613	0.0000	SURCHARGED
60 minute summer	S2	34	187.226	0.186	32.7	0.3226	0.0000	OK
60 minute summer	S3	34	186.313	0.176	43.1	0.2345	0.0000	OK
60 minute summer	S4	99	185.978	0.600	79.8	0.7686	0.0000	SURCHARGED
60 minute summer	S5	99	185.977	1.067	3.6	1.5274	0.0000	SURCHARGED
60 minute summer	S6	101	184.859	0.051	3.5	0.0731	0.0000	OK
60 minute summer	S7	300	184.773	0.014	0.8	0.0202	0.0000	OK
60 minute summer	S8	300	184.343	0.013	0.6	0.0188	0.0000	OK
60 minute summer	S9	34	184.277	0.151	1.0	0.2167	0.0000	OK
60 minute summer	S10	34	184.276	0.163	68.7	0.2974	0.0000	OK
60 minute summer	S11	35	186.706	0.306	8.1	0.4803	0.0000	SURCHARGED
60 minute summer	S12	34	186.373	0.197	15.7	0.2911	0.0000	SURCHARGED
60 minute summer	S13	34	186.077	0.084	25.5	0.1254	0.0000	OK
60 minute summer	S14	34	185.350	0.175	35.2	0.2758	0.0000	OK
60 minute summer	S15	34	184.995	0.128	45.8	0.2011	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S1	1.000	J1	5.6	0.719	0.643	0.0642	
60 minute summer	S2	1.012	J12	32.6	1.021	1.093	0.0475	
60 minute summer	S3	1.019	J18	43.0	1.151	0.808	0.1918	
60 minute summer	S4	1.022	BASIN 1	79.2	1.479	0.473	1.1778	
60 minute summer	S5	1.024	SWALE 1	3.5	0.371	0.042	0.1934	
60 minute summer	S6	1.026	BASIN 2	3.5	0.458	0.041	0.0443	
60 minute summer	S7	1.028	SWALE 2	0.8	0.377	0.003	0.0396	
60 minute summer	S8	1.030	S9	0.6	0.395	0.002	0.2503	
60 minute summer	S9	1.031	S10	-1.0	0.321	-0.012	0.2932	
60 minute summer	S10	1.032	SWALE 3	68.7	1.285	0.208	0.2348	
60 minute summer	S11	32.000	J28	7.0	0.901	1.185	0.0355	
60 minute summer	S12	32.003	J30	15.6	0.886	1.167	0.0895	
60 minute summer	S13	32.007	J33	25.6	1.992	0.261	0.1669	
60 minute summer	S14	32.009	J34	35.1	1.084	0.692	0.1700	
60 minute summer	S15	32.013	J37	45.8	2.138	0.497	0.2001	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	33	184.613	0.126	55.4	0.1917	0.0000	OK
60 minute summer	S17	34	186.346	0.196	8.8	0.3111	0.0000	SURCHARGED
60 minute summer	S18	34	186.014	0.190	18.9	0.2803	0.0000	OK
60 minute summer	S19	99	185.978	0.212	29.0	0.3049	0.0000	OK
60 minute summer	S20	45	184.668	0.026	0.8	0.0296	0.0000	OK
60 minute summer	S21	33	184.511	0.102	7.9	0.1358	0.0000	OK
60 minute summer	S22	35	184.441	0.210	15.8	0.2716	0.0000	OK
60 minute summer	S23	35	184.421	0.223	22.9	0.2869	0.0000	OK
60 minute summer	S24	35	184.260	0.243	41.5	0.3189	0.0000	OK
60 minute summer	S25	35	184.178	0.208	48.2	0.2871	0.0000	OK
60 minute summer	S26	34	185.445	0.068	7.3	0.1001	0.0000	OK
60 minute summer	FC1	42	188.928	0.678	2.9	1.5651	0.0000	SURCHARGED
60 minute summer	FC2	42	188.821	0.671	2.9	1.5097	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S16	32.015	J38	55.4	1.161	0.174	0.1072	
60 minute summer	S17	23.001	J20	8.5	1.086	1.433	0.0547	
60 minute summer	S18	23.006	J24	18.8	0.541	0.588	0.0650	
60 minute summer	S19	23.010	J27	28.9	0.824	0.965	0.3496	
60 minute summer	S20	48.001	J41	0.8	0.520	0.139	0.0073	
60 minute summer	S21	48.004	J43	7.8	0.591	0.585	0.0694	
60 minute summer	S22	48.008	J46	15.6	0.431	0.496	0.0942	
60 minute summer	S23	48.011	J48	22.7	0.582	0.737	0.0443	
60 minute summer	S24	48.018	J56	41.5	0.694	0.776	0.2536	
60 minute summer	S25	48.021	BASIN 4	48.3	1.033	0.906	0.1795	
60 minute summer	S26	65.001	J54	7.2	0.983	0.695	0.0574	
60 minute summer	FC1	2.000	J1	1.7	0.560	0.276	0.0372	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	0.9	0.517	0.151	0.0228	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	44	188.880	0.680	4.0	2.3870	0.0000	SURCHARGED
60 minute summer	FC4	40	188.840	0.640	2.2	1.0136	0.0000	SURCHARGED
60 minute summer	FC5	42	188.667	0.667	2.9	1.5082	0.0000	SURCHARGED
60 minute summer	FC6	40	188.493	0.643	2.2	1.0117	0.0000	SURCHARGED
60 minute summer	FC7	40	188.393	0.643	2.2	1.0137	0.0000	SURCHARGED
60 minute summer	FC8	42	188.420	0.670	2.9	1.5021	0.0000	SURCHARGED
60 minute summer	FC9	40	188.113	0.643	2.2	1.0156	0.0000	SURCHARGED
60 minute summer	FC10	44	188.163	0.693	4.0	2.3826	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.8	0.544	0.131	0.0311	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.8	0.609	0.107	0.0119	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.8	0.515	0.137	0.0065	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0193	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.8	0.589	0.112	0.0098	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.8	0.725	0.085	0.0047	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.8	0.566	0.125	0.0091	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	42	187.995	0.675	2.9	1.5060	0.0000	SURCHARGED
60 minute summer	FC12	42	187.906	0.676	2.9	1.5054	0.0000	SURCHARGED
60 minute summer	FC13	42	187.674	0.674	2.9	1.5062	0.0000	SURCHARGED
60 minute summer	FC14	49	187.076	0.176	2.9	2.2496	0.0000	SURCHARGED
60 minute summer	FC15	40	187.843	0.643	2.2	1.0077	0.0000	SURCHARGED
60 minute summer	FC16	40	187.544	0.644	2.2	1.0149	0.0000	SURCHARGED
60 minute summer	FC17	40	187.644	0.643	2.2	1.0093	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.8	0.521	0.138	0.0121	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	0.8	0.520	0.138	0.0226	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0107	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.4	0.427	0.068	0.0071	
60 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.8	1.103	0.046	0.0034	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.8	0.543	0.126	0.0111	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.8	0.861	0.065	0.0045	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	40	187.194	0.644	2.2	1.0155	0.0000	SURCHARGED
60 minute summer	FC19	42	187.075	0.675	2.9	1.5063	0.0000	SURCHARGED
60 minute summer	FC20	42	187.619	0.668	2.9	1.4978	0.0000	SURCHARGED
60 minute summer	FC21	42	186.970	0.670	2.9	1.5074	0.0000	SURCHARGED
60 minute summer	FC22	47	186.614	0.163	2.2	1.5824	0.0000	SURCHARGED
60 minute summer	FC23	40	186.943	0.643	2.2	1.0088	0.0000	SURCHARGED
60 minute summer	FC24	42	186.970	0.670	2.9	1.4985	0.0000	SURCHARGED
60 minute summer	FC25	42	187.219	0.669	2.9	1.4977	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.8	0.516	0.135	0.0108	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.8	0.519	0.138	0.0104	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.8	1.048	0.051	0.0034	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.8	0.520	0.138	0.0119	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	0.4	0.547	0.026	0.0197	
60 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.8	0.912	0.060	0.0140	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.8	0.946	0.059	0.0141	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.8	1.041	0.052	0.0037	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	47	186.608	0.158	2.2	1.5945	0.0000	SURCHARGED
60 minute summer	FC27	40	187.141	0.641	2.2	1.0071	0.0000	SURCHARGED
60 minute summer	FC28	42	187.168	0.668	2.9	1.4981	0.0000	SURCHARGED
60 minute summer	FC29	42	187.164	0.664	2.9	1.4996	0.0000	SURCHARGED
60 minute summer	FC30	42	187.418	0.668	2.9	1.4993	0.0000	SURCHARGED
60 minute summer	FC31	40	187.096	0.646	2.2	1.0547	0.0000	SURCHARGED
60 minute summer	FC32	40	187.093	0.643	2.2	1.0098	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.4	0.739	0.029	0.0024	
60 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.8	1.284	0.037	0.0128	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.8	1.046	0.051	0.0034	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.8	1.017	0.053	0.0038	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.8	0.976	0.056	0.0037	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	1.4	0.512	0.156	0.0333	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	0.9	0.384	0.075	0.0198	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	42	187.122	0.672	2.9	1.4978	0.0000	SURCHARGED
60 minute summer	FC34	42	187.123	0.673	2.9	1.5064	0.0000	SURCHARGED
60 minute summer	FC35	42	187.118	0.668	2.9	1.4994	0.0000	SURCHARGED
60 minute summer	FC36	42	187.110	0.660	2.9	1.5006	0.0000	SURCHARGED
60 minute summer	FC37	44	186.501	0.701	4.0	2.3758	0.0000	FLOOD RISK
60 minute summer	FC38	47	185.587	0.137	2.2	1.6423	0.0000	SURCHARGED
60 minute summer	FC39	40	186.089	0.639	2.2	1.0092	0.0000	SURCHARGED
60 minute summer	FC40	42	186.125	0.625	2.9	1.5156	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	0.8	0.956	0.058	0.0179	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.8	0.533	0.131	0.0073	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.8	0.966	0.057	0.0043	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.8	1.012	0.053	0.0040	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.8	0.697	0.094	0.0079	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute summer	FC38	40.000	J34	0.4	0.693	0.028	0.0085	
60 minute summer	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.180	0.041	0.0113	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	42	185.515	0.665	2.9	1.5024	0.0000	SURCHARGED
60 minute summer	FC42	42	185.265	0.665	2.9	1.5037	0.0000	SURCHARGED
60 minute summer	FC43	42	185.232	0.632	2.9	1.5144	0.0000	SURCHARGED
60 minute summer	FC44	33	184.633	0.033	2.2	0.0411	0.0000	OK
60 minute summer	FC45	40	185.242	0.642	2.2	1.0091	0.0000	SURCHARGED
60 minute summer	FC46	44	185.393	0.693	4.0	2.3837	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	42	185.470	0.670	2.9	1.4987	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.8	0.776	0.077	0.0053	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	0.8	0.675	0.094	0.0150	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.761	0.077	0.0065	
60 minute summer	FC43	Infiltration		0.0				0.0
60 minute summer	FC44	46.000	J40	2.2	1.025	0.206	0.0094	
60 minute summer	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.8	0.900	0.061	0.0041	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
60 minute summer	FC46	Infiltration		0.0				0.0
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
60 minute summer	FC48	50.000	J42	0.8	0.679	0.058	0.0088	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	42	185.471	0.671	2.9	1.5073	0.0000	SURCHARGED
60 minute summer	FC50	42	185.471	0.671	2.9	1.5071	0.0000	SURCHARGED
60 minute summer	FC51	42	185.515	0.665	2.9	1.5089	0.0000	SURCHARGED
60 minute summer	FC52	42	185.906	0.656	2.9	1.5046	0.0000	SURCHARGED
60 minute summer	FC53	42	185.919	0.669	2.9	1.5023	0.0000	SURCHARGED
60 minute summer	FC54	40	185.892	0.642	2.2	1.0103	0.0000	SURCHARGED
60 minute summer	FC55	40	185.891	0.641	2.2	1.0087	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.8	0.515	0.137	0.0069	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0074	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.8	0.518	0.137	0.0096	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.754	0.080	0.0058	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.8	0.710	0.088	0.0049	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.8	0.782	0.074	0.0041	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.8	0.989	0.053	0.0034	
60 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	40	185.986	0.636	2.2	1.0091	0.0000	SURCHARGED
60 minute summer	FC57	40	185.986	0.636	2.2	1.0098	0.0000	SURCHARGED
60 minute summer	FC58	40	185.991	0.641	2.2	1.0091	0.0000	SURCHARGED
60 minute summer	FC59	40	185.993	0.643	2.2	1.0094	0.0000	SURCHARGED
60 minute summer	FC60	42	186.020	0.670	2.9	1.4994	0.0000	SURCHARGED
60 minute summer	FC61	42	185.970	0.670	2.9	1.5025	0.0000	SURCHARGED
60 minute summer	FC62	44	185.937	0.687	4.0	2.3821	0.0000	SURCHARGED
60 minute summer	FC63	40	186.043	0.643	2.2	1.0206	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.8	1.022	0.051	0.0051	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.8	0.958	0.056	0.0054	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.8	0.921	0.060	0.0054	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.8	0.854	0.066	0.0060	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.8	0.850	0.069	0.0063	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.8	0.682	0.094	0.0088	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.8	0.630	0.108	0.0123	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	0.9	0.533	0.155	0.0109	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	40	185.797	0.647	2.2	1.0621	0.0000	SURCHARGED
60 minute summer	FC65	42	185.824	0.673	2.9	1.5105	0.0000	SURCHARGED
60 minute summer	FC66	42	185.673	0.673	2.9	1.5049	0.0000	SURCHARGED
60 minute summer	FC67	47	184.957	0.157	2.2	1.6100	0.0000	SURCHARGED
60 minute summer	FC68	40	185.192	0.642	2.2	1.0121	0.0000	SURCHARGED
60 minute summer	J1	35	188.459	0.259	12.0	0.3809	0.0000	SURCHARGED
60 minute summer	J2	35	188.191	0.134	12.6	0.1521	0.0000	OK
60 minute summer	J3	35	188.163	0.113	13.4	0.1276	0.0000	OK
60 minute summer	J4	35	188.119	0.080	14.2	0.0906	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	1.3	0.332	0.212	0.0172	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	1.7	0.451	0.176	0.0149	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.4	0.407	0.064	0.0019	
60 minute summer	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027	
60 minute summer	FC68	Infiltration		0.0				0.0
60 minute summer	J1	1.001	J2	11.8	1.510	1.425	0.0389	
60 minute summer	J2	1.002	J3	12.6	0.812	0.938	0.0160	
60 minute summer	J3	1.003	J4	13.4	1.120	1.009	0.0232	
60 minute summer	J4	1.004	J5	14.2	1.610	0.416	0.0311	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J5	35	187.980	0.070	15.0	0.0792	0.0000	OK
60 minute summer	J6	35	187.752	0.102	15.8	0.1153	0.0000	OK
60 minute summer	J7	36	187.636	0.111	16.5	0.1258	0.0000	OK
60 minute summer	J8	36	187.590	0.069	17.7	0.0784	0.0000	OK
60 minute summer	J9	36	187.390	0.115	18.1	0.1300	0.0000	OK
60 minute summer	J10	36	187.341	0.071	19.1	0.0804	0.0000	OK
60 minute summer	J11	35	187.231	0.110	19.8	0.1240	0.0000	OK
60 minute summer	J12	34	186.941	0.132	33.4	0.1488	0.0000	OK
60 minute summer	J13	34	186.824	0.197	33.7	0.2232	0.0000	OK
60 minute summer	J14	34	186.804	0.182	34.5	0.2055	0.0000	OK
60 minute summer	J15	34	186.775	0.158	35.2	0.1791	0.0000	OK
60 minute summer	J16	34	186.730	0.125	36.0	0.1416	0.0000	OK
60 minute summer	J17	34	186.388	0.104	36.7	0.1182	0.0000	OK
60 minute summer	J18	34	186.263	0.138	43.8	0.1564	0.0000	OK
60 minute summer	J19	34	186.225	0.198	44.6	0.2236	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J5	1.005	J6	15.0	1.434	0.391	0.0590	
60 minute summer	J6	1.006	J7	15.7	1.411	0.553	0.0219	
60 minute summer	J7	1.007	J8	16.9	1.134	0.549	0.0169	
60 minute summer	J8	1.008	J9	17.3	1.135	0.195	0.1302	
60 minute summer	J9	1.009	J10	18.3	1.184	0.549	0.0187	
60 minute summer	J10	1.010	J11	19.0	1.331	0.147	0.0365	
60 minute summer	J11	1.011	S2	19.8	0.773	0.308	0.1455	
60 minute summer	J12	1.013	J13	33.4	1.472	0.499	0.1493	
60 minute summer	J13	1.014	J14	33.7	0.719	0.595	0.0889	
60 minute summer	J14	1.015	J15	34.5	0.837	0.612	0.0789	
60 minute summer	J15	1.016	J16	35.2	1.074	0.660	0.1680	
60 minute summer	J16	1.017	J17	35.9	1.473	0.252	0.0821	
60 minute summer	J17	1.018	S3	36.7	1.151	0.118	0.0612	
60 minute summer	J18	1.020	J19	43.8	1.080	0.153	0.0603	
60 minute summer	J19	1.021	S4	44.6	1.007	0.808	0.1943	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J20	34	186.145	0.114	9.3	0.1288	0.0000	OK
60 minute summer	J21	35	186.123	0.114	10.0	0.1285	0.0000	OK
60 minute summer	J22	35	186.088	0.125	10.8	0.1418	0.0000	OK
60 minute summer	J23	35	186.061	0.119	11.1	0.1346	0.0000	OK
60 minute summer	J24	34	186.004	0.187	19.6	0.2114	0.0000	OK
60 minute summer	J25	34	185.989	0.193	20.3	0.2185	0.0000	OK
60 minute summer	J26	99	185.978	0.199	21.1	0.2246	0.0000	OK
60 minute summer	J27	99	185.978	0.242	29.7	0.2732	0.0000	SURCHARGED
60 minute summer	J28	36	186.630	0.274	7.3	0.3094	0.0000	SURCHARGED
60 minute summer	J29	36	186.477	0.206	8.0	0.2325	0.0000	SURCHARGED
60 minute summer	J30	34	186.311	0.164	16.4	0.1852	0.0000	SURCHARGED
60 minute summer	J31	34	186.174	0.130	17.1	0.1471	0.0000	OK
60 minute summer	J32	34	186.127	0.116	17.9	0.1316	0.0000	OK
60 minute summer	J33	34	185.613	0.078	26.4	0.0882	0.0000	OK
60 minute summer	J34	34	185.293	0.168	35.4	0.1896	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J20	23.002	J21	9.2	0.652	0.684	0.0540	
60 minute summer	J21	23.003	J22	10.0	0.670	0.743	0.1204	
60 minute summer	J22	23.004	J23	10.8	0.704	0.796	0.0552	
60 minute summer	J23	23.005	S18	11.1	0.825	0.831	0.1098	
60 minute summer	J24	23.007	J25	19.5	0.545	0.648	0.2212	
60 minute summer	J25	23.008	J26	20.3	0.559	0.672	0.1813	
60 minute summer	J26	23.009	S19	21.2	0.587	0.694	0.1406	
60 minute summer	J27	23.011	S4	29.7	0.981	0.994	0.0951	
60 minute summer	J28	32.001	J29	7.1	0.908	1.200	0.0691	
60 minute summer	J29	32.002	S12	8.2	1.044	1.376	0.0364	
60 minute summer	J30	32.004	J31	16.3	0.951	1.231	0.0809	
60 minute summer	J31	32.005	J32	17.1	0.771	0.570	0.2166	
60 minute summer	J32	32.006	S13	18.0	1.077	0.598	0.0905	
60 minute summer	J33	32.008	S14	26.4	1.181	0.253	0.2059	
60 minute summer	J34	32.010	J35	35.5	1.331	0.920	0.2391	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J35	34	185.194	0.119	36.3	0.1345	0.0000	OK
60 minute summer	J36	34	185.049	0.174	37.1	0.1969	0.0000	OK
60 minute summer	J37	34	184.676	0.176	46.6	0.1990	0.0000	OK
60 minute summer	J38	34	184.560	0.260	56.2	0.2943	0.0000	OK
60 minute summer	J39	34	184.504	0.230	57.1	0.2604	0.0000	OK
60 minute summer	J40	34	184.453	0.188	59.2	0.2123	0.0000	OK
60 minute summer	J41	46	184.622	0.025	0.8	0.0285	0.0000	OK
60 minute summer	J42	44	184.574	0.037	1.6	0.0423	0.0000	OK
60 minute summer	J43	34	184.494	0.114	8.6	0.1293	0.0000	OK
60 minute summer	J44	35	184.480	0.110	9.2	0.1245	0.0000	OK
60 minute summer	J45	35	184.456	0.136	9.9	0.1536	0.0000	OK
60 minute summer	J46	35	184.435	0.213	16.4	0.2410	0.0000	OK
60 minute summer	J47	35	184.428	0.221	17.0	0.2495	0.0000	OK
60 minute summer	J48	35	184.410	0.216	23.5	0.2445	0.0000	OK
60 minute summer	J49	35	184.389	0.220	24.2	0.2488	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J35	32.011	J36	36.3	1.326	0.408	0.1863	
60 minute summer	J36	32.012	S15	37.1	1.314	1.236	0.0667	
60 minute summer	J37	32.014	S16	46.7	1.320	0.845	0.1837	
60 minute summer	J38	32.016	J39	56.3	0.913	1.042	0.6649	
60 minute summer	J39	32.017	J40	57.1	1.090	1.044	0.1908	
60 minute summer	J40	32.018	S10	59.2	1.379	0.595	0.4110	
60 minute summer	J41	48.002	J42	0.8	0.450	0.139	0.0131	
60 minute summer	J42	48.003	S21	1.6	0.630	0.278	0.0271	
60 minute summer	J43	48.005	J44	8.5	0.635	0.609	0.0227	
60 minute summer	J44	48.006	J45	9.1	0.668	0.682	0.1344	
60 minute summer	J45	48.007	S22	9.8	0.732	0.721	0.0398	
60 minute summer	J46	48.009	J47	16.2	0.419	0.526	0.1654	
60 minute summer	J47	48.010	S23	16.9	0.428	0.562	0.1046	
60 minute summer	J48	48.012	J49	23.4	0.597	0.782	0.2932	
60 minute summer	J49	48.013	J50	24.1	0.618	0.786	0.0444	

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J50	35	184.377	0.212	24.9	0.2393	0.0000	OK
60 minute summer	J51	35	184.356	0.208	25.7	0.2351	0.0000	OK
60 minute summer	J52	35	184.339	0.195	26.5	0.2210	0.0000	OK
60 minute summer	J53	35	184.311	0.184	27.2	0.2079	0.0000	OK
60 minute summer	J54	35	185.296	0.167	7.8	0.1894	0.0000	SURCHARGED
60 minute summer	J55	36	185.218	0.124	8.9	0.1406	0.0000	SURCHARGED
60 minute summer	J56	35	184.239	0.232	41.8	0.2625	0.0000	OK
60 minute summer	J57	35	184.209	0.224	42.6	0.2537	0.0000	OK
60 minute summer	BASIN 1	99	185.977	1.052	83.0	129.5000	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.826	0.526	4.8	52.8419	0.0000	OK
60 minute summer	BASIN 3	300	182.928	-0.172	80.3	121.0715	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J50	48.014	J51	24.9	0.646	0.832	0.1956	
60 minute summer	J51	48.015	J52	25.6	0.683	0.837	0.0426	
60 minute summer	J52	48.016	J53	26.4	0.740	0.867	0.1739	
60 minute summer	J53	48.017	S24	27.2	0.880	0.902	0.3408	
60 minute summer	J54	65.002	J55	7.3	0.939	1.241	0.0285	
60 minute summer	J55	65.003	S24	7.9	1.044	1.040	0.0596	
60 minute summer	J56	48.019	J57	41.8	0.728	0.771	0.5225	
60 minute summer	J57	48.020	S25	42.6	0.790	0.781	0.3318	
60 minute summer	BASIN 1	1.023	S5	3.6	0.318	0.043	0.9418	
60 minute summer	BASIN 1	Infiltration		0.1				1.8
60 minute summer	BASIN 2	1.027	S7	0.8	0.334	0.010	0.0557	
60 minute summer	BASIN 2	71.000	BH1	2.7	0.754	0.450	0.1829	
60 minute summer	BASIN 2	Infiltration		0.0				0.0
60 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	BASIN 4	152	183.695	0.365	57.7	106.8020	0.0000	SURCHARGED
60 minute summer	SWALE 1	100	184.927	0.053	3.5	0.0763	0.0000	OK
60 minute summer	SWALE 2	300	184.402	0.027	0.8	0.0382	0.0000	OK
60 minute summer	SWALE 3	34	184.200	0.205	68.7	0.2935	0.0000	OK
60 minute summer	BH1	300	184.826	0.748	2.7	2.9723	0.0000	OK
60 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute summer	BH3	153	183.695	0.376	6.6	3.3613	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	BASIN 4	48.022	BH3	6.6	0.789	0.121	0.3211	
60 minute summer	BASIN 4	Infiltration		0.0				0.0
60 minute summer	SWALE 1	1.025	S6	3.5	0.382	0.043	0.3490	
60 minute summer	SWALE 2	1.029	S8	0.6	0.286	0.008	0.0591	
60 minute summer	SWALE 3	1.033	BASIN 3	68.3	1.162	0.546	2.5434	
60 minute summer	BH1	Infiltration		0.1				1.5
60 minute summer	BH2	Infiltration		0.0				0.0
60 minute summer	BH3	Infiltration		0.2				3.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	34	188.423	0.053	4.5	0.0776	0.0000	OK
60 minute winter	S2	35	187.206	0.167	27.3	0.2891	0.0000	OK
60 minute winter	S3	35	186.296	0.159	36.2	0.2114	0.0000	OK
60 minute winter	S4	99	185.978	0.600	65.6	0.7693	0.0000	SURCHARGED
60 minute winter	S5	99	185.978	1.068	3.7	1.5282	0.0000	SURCHARGED
60 minute winter	S6	101	184.859	0.051	3.5	0.0731	0.0000	OK
60 minute winter	S7	300	184.773	0.014	0.8	0.0204	0.0000	OK
60 minute winter	S8	300	184.343	0.013	0.7	0.0190	0.0000	OK
60 minute winter	S9	34	184.251	0.126	0.6	0.1798	0.0000	OK
60 minute winter	S10	34	184.251	0.138	54.1	0.2505	0.0000	OK
60 minute winter	S11	36	186.558	0.158	5.8	0.2480	0.0000	SURCHARGED
60 minute winter	S12	35	186.323	0.147	12.9	0.2172	0.0000	OK
60 minute winter	S13	34	186.068	0.075	20.9	0.1122	0.0000	OK
60 minute winter	S14	34	185.323	0.148	28.2	0.2327	0.0000	OK
60 minute winter	S15	34	184.977	0.110	36.4	0.1733	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S1	1.000	J1	4.5	0.664	0.513	0.0493	
60 minute winter	S2	1.012	J12	27.3	0.953	0.914	0.0427	
60 minute winter	S3	1.019	J18	36.2	1.113	0.680	0.1671	
60 minute winter	S4	1.022	BASIN 1	65.4	1.525	0.391	1.1778	
60 minute winter	S5	1.024	SWALE 1	3.5	0.371	0.042	0.1934	
60 minute winter	S6	1.026	BASIN 2	3.5	0.458	0.041	0.0443	
60 minute winter	S7	1.028	SWALE 2	0.8	0.376	0.003	0.0402	
60 minute winter	S8	1.030	S9	0.6	0.396	0.002	0.1943	
60 minute winter	S9	1.031	S10	0.5	0.325	0.006	0.2305	
60 minute winter	S10	1.032	SWALE 3	54.1	1.234	0.164	0.1918	
60 minute winter	S11	32.000	J28	5.5	0.722	0.919	0.0355	
60 minute winter	S12	32.003	J30	12.9	0.752	0.968	0.0871	
60 minute winter	S13	32.007	J33	20.9	1.903	0.213	0.1428	
60 minute winter	S14	32.009	J34	28.2	1.032	0.555	0.1432	
60 minute winter	S15	32.013	J37	36.4	2.034	0.395	0.1673	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	33	184.596	0.109	43.7	0.1660	0.0000	OK
60 minute winter	S17	34	186.259	0.109	6.4	0.1738	0.0000	SURCHARGED
60 minute winter	S18	35	185.979	0.155	14.9	0.2292	0.0000	OK
60 minute winter	S19	99	185.978	0.212	23.0	0.3057	0.0000	OK
60 minute winter	S20	47	184.668	0.026	0.8	0.0296	0.0000	OK
60 minute winter	S21	33	184.496	0.087	6.4	0.1155	0.0000	OK
60 minute winter	S22	35	184.406	0.175	13.2	0.2264	0.0000	OK
60 minute winter	S23	35	184.388	0.190	19.2	0.2453	0.0000	OK
60 minute winter	S24	35	184.235	0.218	35.9	0.2872	0.0000	OK
60 minute winter	S25	36	184.159	0.189	41.3	0.2620	0.0000	OK
60 minute winter	S26	33	185.429	0.052	5.5	0.0765	0.0000	OK
60 minute winter	FC1	45	188.921	0.671	2.1	1.4699	0.0000	SURCHARGED
60 minute winter	FC2	45	188.816	0.666	2.1	1.4393	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S16	32.015	J38	43.7	1.109	0.138	0.0904	
60 minute winter	S17	23.001	J20	6.3	0.829	1.071	0.0524	
60 minute winter	S18	23.006	J24	14.8	0.521	0.465	0.0544	
60 minute winter	S19	23.010	J27	23.0	0.763	0.768	0.3499	
60 minute winter	S20	48.001	J41	0.8	0.520	0.138	0.0073	
60 minute winter	S21	48.004	J43	6.3	0.563	0.476	0.0578	
60 minute winter	S22	48.008	J46	13.1	0.416	0.418	0.0813	
60 minute winter	S23	48.011	J48	19.1	0.546	0.621	0.0397	
60 minute winter	S24	48.018	J56	35.8	0.667	0.670	0.2280	
60 minute winter	S25	48.021	BASIN 4	41.2	0.980	0.774	0.1619	
60 minute winter	S26	65.001	J54	5.5	0.903	0.530	0.0508	
60 minute winter	FC1	2.000	J1	1.2	0.561	0.194	0.0372	
60 minute winter	FC1	Infiltration		0.0				0.0
60 minute winter	FC2	3.000	J2	0.8	0.517	0.136	0.0160	
60 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC3	47	188.878	0.678	2.9	2.3291	0.0000	SURCHARGED
60 minute winter	FC4	42	188.830	0.630	1.6	0.8924	0.0000	SURCHARGED
60 minute winter	FC5	45	188.663	0.663	2.1	1.4416	0.0000	SURCHARGED
60 minute winter	FC6	42	188.481	0.631	1.6	0.8904	0.0000	SURCHARGED
60 minute winter	FC7	42	188.381	0.631	1.6	0.8928	0.0000	SURCHARGED
60 minute winter	FC8	45	188.415	0.665	2.1	1.4340	0.0000	SURCHARGED
60 minute winter	FC9	42	188.101	0.631	1.6	0.8948	0.0000	SURCHARGED
60 minute winter	FC10	47	188.160	0.690	2.9	2.3234	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC3	4.000	J3	0.8	0.544	0.131	0.0252	
60 minute winter	FC3	Infiltration		0.0				0.0
60 minute winter	FC4	5.000	J4	0.8	0.608	0.106	0.0095	
60 minute winter	FC4	Infiltration		0.0				0.0
60 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065	
60 minute winter	FC5	Infiltration		0.0				0.0
60 minute winter	FC6	7.000	J6	0.8	0.677	0.091	0.0154	
60 minute winter	FC6	Infiltration		0.0				0.0
60 minute winter	FC7	8.000	J7	0.8	0.587	0.111	0.0098	
60 minute winter	FC7	Infiltration		0.0				0.0
60 minute winter	FC8	9.000	J8	0.8	0.724	0.085	0.0047	
60 minute winter	FC8	Infiltration		0.0				0.0
60 minute winter	FC9	10.000	J9	0.8	0.518	0.132	0.0110	
60 minute winter	FC9	Infiltration		0.0				0.0
60 minute winter	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC11	45	187.990	0.670	2.1	1.4385	0.0000	SURCHARGED
60 minute winter	FC12	45	187.901	0.671	2.1	1.4379	0.0000	SURCHARGED
60 minute winter	FC13	45	187.669	0.669	2.1	1.4386	0.0000	SURCHARGED
60 minute winter	FC14	50	187.078	0.178	2.1	2.2689	0.0000	SURCHARGED
60 minute winter	FC15	42	187.831	0.631	1.6	0.8861	0.0000	SURCHARGED
60 minute winter	FC16	42	187.532	0.631	1.6	0.8941	0.0000	SURCHARGED
60 minute winter	FC17	42	187.631	0.631	1.6	0.8880	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC10	Infiltration		0.0				0.0
60 minute winter	FC11	12.000	J11	0.8	0.520	0.137	0.0121	
60 minute winter	FC11	Infiltration		0.0				0.0
60 minute winter	FC12	13.000	S2	0.8	0.520	0.137	0.0160	
60 minute winter	FC12	Infiltration		0.0				0.0
60 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0106	
60 minute winter	FC13	Infiltration		0.0				0.0
60 minute winter	FC14	15.000	J13	0.4	0.428	0.068	0.0071	
60 minute winter	FC14	Infiltration		0.0				0.0
60 minute winter	FC15	16.000	J14	0.8	1.100	0.046	0.0034	
60 minute winter	FC15	Infiltration		0.0				0.0
60 minute winter	FC16	17.000	J15	0.8	0.541	0.125	0.0111	
60 minute winter	FC16	Infiltration		0.0				0.0
60 minute winter	FC17	18.000	J16	0.8	0.859	0.065	0.0044	
60 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC18	42	187.182	0.632	1.6	0.8948	0.0000	SURCHARGED
60 minute winter	FC19	45	187.069	0.669	2.1	1.4387	0.0000	SURCHARGED
60 minute winter	FC20	45	187.614	0.664	2.1	1.4296	0.0000	SURCHARGED
60 minute winter	FC21	45	186.965	0.665	2.1	1.4400	0.0000	SURCHARGED
60 minute winter	FC22	49	186.609	0.159	1.6	1.5385	0.0000	SURCHARGED
60 minute winter	FC23	42	186.931	0.631	1.6	0.8873	0.0000	SURCHARGED
60 minute winter	FC24	45	186.965	0.665	2.1	1.4299	0.0000	SURCHARGED
60 minute winter	FC25	45	187.214	0.664	2.1	1.4294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC18	19.000	J17	0.8	0.515	0.133	0.0107	
60 minute winter	FC18	Infiltration		0.0				0.0
60 minute winter	FC19	20.000	S3	0.8	0.518	0.138	0.0103	
60 minute winter	FC19	Infiltration		0.0				0.0
60 minute winter	FC20	21.000	J18	0.8	1.047	0.051	0.0034	
60 minute winter	FC20	Infiltration		0.0				0.0
60 minute winter	FC21	22.000	J19	0.8	0.519	0.137	0.0119	
60 minute winter	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.4	0.548	0.025	0.0197	
60 minute winter	FC22	Infiltration		0.0				0.0
60 minute winter	FC23	24.000	J20	0.8	0.910	0.060	0.0091	
60 minute winter	FC23	Infiltration		0.0				0.0
60 minute winter	FC24	25.000	J21	0.8	0.945	0.059	0.0093	
60 minute winter	FC24	Infiltration		0.0				0.0
60 minute winter	FC25	26.000	J22	0.8	1.040	0.051	0.0037	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	49	186.604	0.154	1.6	1.5513	0.0000	SURCHARGED
60 minute winter	FC27	42	187.130	0.630	1.6	0.8853	0.0000	SURCHARGED
60 minute winter	FC28	45	187.163	0.663	2.1	1.4298	0.0000	SURCHARGED
60 minute winter	FC29	45	187.159	0.659	2.1	1.4315	0.0000	SURCHARGED
60 minute winter	FC30	45	187.414	0.664	2.1	1.4305	0.0000	SURCHARGED
60 minute winter	FC31	42	187.081	0.631	1.6	0.8991	0.0000	SURCHARGED
60 minute winter	FC32	42	187.081	0.631	1.6	0.8875	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.4	0.735	0.029	0.0024	
60 minute winter	FC26	Infiltration		0.0				0.0
60 minute winter	FC27	28.000	J24	0.8	1.281	0.037	0.0058	
60 minute winter	FC27	Infiltration		0.0				0.0
60 minute winter	FC28	29.000	J25	0.8	1.045	0.051	0.0034	
60 minute winter	FC28	Infiltration		0.0				0.0
60 minute winter	FC29	30.000	J26	0.8	1.016	0.053	0.0038	
60 minute winter	FC29	Infiltration		0.0				0.0
60 minute winter	FC30	31.000	J27	0.8	0.975	0.056	0.0037	
60 minute winter	FC30	Infiltration		0.0				0.0
60 minute winter	FC31	33.000	J28	1.0	0.510	0.113	0.0270	
60 minute winter	FC31	Infiltration		0.0				0.0
60 minute winter	FC32	34.000	J29	0.8	0.390	0.063	0.0181	
60 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC33	45	187.117	0.667	2.1	1.4292	0.0000	SURCHARGED
60 minute winter	FC34	45	187.118	0.668	2.1	1.4390	0.0000	SURCHARGED
60 minute winter	FC35	45	187.114	0.664	2.1	1.4306	0.0000	SURCHARGED
60 minute winter	FC36	45	187.106	0.656	2.1	1.4326	0.0000	SURCHARGED
60 minute winter	FC37	47	186.498	0.698	2.9	2.3149	0.0000	SURCHARGED
60 minute winter	FC38	49	185.584	0.134	1.6	1.6023	0.0000	SURCHARGED
60 minute winter	FC39	42	186.079	0.629	1.6	0.8873	0.0000	SURCHARGED
60 minute winter	FC40	45	186.121	0.620	2.1	1.4524	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC33	35.000	S12	0.8	0.955	0.057	0.0177	
60 minute winter	FC33	Infiltration		0.0				0.0
60 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0073	
60 minute winter	FC34	Infiltration		0.0				0.0
60 minute winter	FC35	37.000	J31	0.8	0.965	0.057	0.0043	
60 minute winter	FC35	Infiltration		0.0				0.0
60 minute winter	FC36	38.000	J32	0.8	1.011	0.053	0.0040	
60 minute winter	FC36	Infiltration		0.0				0.0
60 minute winter	FC37	39.000	J33	0.8	0.697	0.094	0.0078	
60 minute winter	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.4	0.690	0.028	0.0036	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute winter	FC39	41.000	J35	0.8	0.965	0.055	0.0036	
60 minute winter	FC39	Infiltration		0.0				0.0
60 minute winter	FC40	42.000	J36	0.8	1.179	0.041	0.0058	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC41	45	185.511	0.660	2.1	1.4344	0.0000	SURCHARGED
60 minute winter	FC42	45	185.261	0.661	2.1	1.4367	0.0000	SURCHARGED
60 minute winter	FC43	45	185.231	0.631	2.1	1.4449	0.0000	SURCHARGED
60 minute winter	FC44	34	184.628	0.028	1.6	0.0346	0.0000	OK
60 minute winter	FC45	42	185.230	0.630	1.6	0.8877	0.0000	SURCHARGED
60 minute winter	FC46	47	185.390	0.690	2.9	2.3254	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	45	185.465	0.665	2.1	1.4300	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC40	Infiltration		0.0				0.0
60 minute winter	FC41	43.000	J37	0.8	0.775	0.077	0.0053	
60 minute winter	FC41	Infiltration		0.0				0.0
60 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0059	
60 minute winter	FC42	Infiltration		0.0				0.0
60 minute winter	FC43	45.000	J39	0.8	0.761	0.076	0.0045	
60 minute winter	FC43	Infiltration		0.0				0.0
60 minute winter	FC44	46.000	J40	1.6	0.942	0.150	0.0075	
60 minute winter	FC44	Infiltration		0.0				0.0
60 minute winter	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
60 minute winter	FC45	Infiltration		0.0				0.0
60 minute winter	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
60 minute winter	FC46	Infiltration		0.0				0.0
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
60 minute winter	FC48	50.000	J42	0.8	0.683	0.058	0.0088	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC49	45	185.466	0.666	2.1	1.4404	0.0000	SURCHARGED
60 minute winter	FC50	45	185.466	0.666	2.1	1.4401	0.0000	SURCHARGED
60 minute winter	FC51	45	185.511	0.661	2.1	1.4416	0.0000	SURCHARGED
60 minute winter	FC52	45	185.903	0.653	2.1	1.4376	0.0000	SURCHARGED
60 minute winter	FC53	45	185.915	0.665	2.1	1.4344	0.0000	SURCHARGED
60 minute winter	FC54	42	185.881	0.630	1.6	0.8892	0.0000	SURCHARGED
60 minute winter	FC55	42	185.880	0.630	1.6	0.8871	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC48	Infiltration		0.0				0.0
60 minute winter	FC49	51.000	S21	0.8	0.515	0.136	0.0069	
60 minute winter	FC49	Infiltration		0.0				0.0
60 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0073	
60 minute winter	FC50	Infiltration		0.0				0.0
60 minute winter	FC51	55.000	S22	0.8	0.518	0.136	0.0096	
60 minute winter	FC51	Infiltration		0.0				0.0
60 minute winter	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
60 minute winter	FC52	Infiltration		0.0				0.0
60 minute winter	FC53	61.000	J50	0.8	0.709	0.087	0.0049	
60 minute winter	FC53	Infiltration		0.0				0.0
60 minute winter	FC54	62.000	J51	0.8	0.780	0.073	0.0040	
60 minute winter	FC54	Infiltration		0.0				0.0
60 minute winter	FC55	64.000	J53	0.8	0.987	0.053	0.0033	
60 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC56	42	185.977	0.627	1.6	0.8871	0.0000	SURCHARGED
60 minute winter	FC57	42	185.978	0.628	1.6	0.8876	0.0000	SURCHARGED
60 minute winter	FC58	42	185.980	0.630	1.6	0.8875	0.0000	SURCHARGED
60 minute winter	FC59	42	185.981	0.631	1.6	0.8881	0.0000	SURCHARGED
60 minute winter	FC60	45	186.015	0.665	2.1	1.4315	0.0000	SURCHARGED
60 minute winter	FC61	45	185.965	0.665	2.1	1.4348	0.0000	SURCHARGED
60 minute winter	FC62	47	185.935	0.685	2.9	2.3231	0.0000	SURCHARGED
60 minute winter	FC63	42	186.031	0.631	1.6	0.8963	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
60 minute winter	FC56	Infiltration		0.0				0.0
60 minute winter	FC57	54.000	J45	0.8	0.956	0.056	0.0054	
60 minute winter	FC57	Infiltration		0.0				0.0
60 minute winter	FC58	56.000	J46	0.8	0.919	0.059	0.0053	
60 minute winter	FC58	Infiltration		0.0				0.0
60 minute winter	FC59	57.000	J47	0.8	0.852	0.066	0.0059	
60 minute winter	FC59	Infiltration		0.0				0.0
60 minute winter	FC60	59.000	J48	0.8	0.849	0.069	0.0063	
60 minute winter	FC60	Infiltration		0.0				0.0
60 minute winter	FC61	60.000	J49	0.8	0.681	0.094	0.0088	
60 minute winter	FC61	Infiltration		0.0				0.0
60 minute winter	FC62	63.000	J52	0.8	0.630	0.107	0.0123	
60 minute winter	FC62	Infiltration		0.0				0.0
60 minute winter	FC63	65.000	S26	0.8	0.533	0.134	0.0072	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC64	42	185.784	0.634	1.6	0.9281	0.0000	SURCHARGED
60 minute winter	FC65	45	185.818	0.668	2.1	1.4331	0.0000	SURCHARGED
60 minute winter	FC66	45	185.668	0.668	2.1	1.4378	0.0000	SURCHARGED
60 minute winter	FC67	49	184.953	0.153	1.6	1.5685	0.0000	SURCHARGED
60 minute winter	FC68	42	185.181	0.631	1.6	0.8911	0.0000	SURCHARGED
60 minute winter	J1	34	188.367	0.167	9.6	0.2456	0.0000	SURCHARGED
60 minute winter	J2	35	188.173	0.117	10.3	0.1323	0.0000	OK
60 minute winter	J3	35	188.150	0.100	11.1	0.1132	0.0000	OK
60 minute winter	J4	35	188.110	0.071	11.8	0.0806	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC63	Infiltration		0.0				0.0
60 minute winter	FC64	66.000	J54	0.9	0.331	0.147	0.0162	
60 minute winter	FC64	Infiltration		0.0				0.0
60 minute winter	FC65	67.000	J55	1.1	0.455	0.111	0.0093	
60 minute winter	FC65	Infiltration		0.0				0.0
60 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
60 minute winter	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.4	0.406	0.063	0.0019	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute winter	FC68	70.000	J57	0.8	0.673	0.088	0.0027	
60 minute winter	FC68	Infiltration		0.0				0.0
60 minute winter	J1	1.001	J2	9.5	1.214	1.145	0.0387	
60 minute winter	J2	1.002	J3	10.3	0.754	0.765	0.0141	
60 minute winter	J3	1.003	J4	11.1	1.066	0.834	0.0202	
60 minute winter	J4	1.004	J5	11.8	1.557	0.347	0.0269	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J5	35	187.973	0.063	12.6	0.0709	0.0000	OK
60 minute winter	J6	36	187.741	0.091	13.4	0.1033	0.0000	OK
60 minute winter	J7	36	187.627	0.102	14.2	0.1154	0.0000	OK
60 minute winter	J8	36	187.584	0.063	14.4	0.0718	0.0000	OK
60 minute winter	J9	36	187.381	0.106	15.7	0.1197	0.0000	OK
60 minute winter	J10	36	187.335	0.065	16.7	0.0731	0.0000	OK
60 minute winter	J11	36	187.217	0.096	17.3	0.1086	0.0000	OK
60 minute winter	J12	35	186.926	0.117	28.1	0.1321	0.0000	OK
60 minute winter	J13	35	186.806	0.179	28.4	0.2023	0.0000	OK
60 minute winter	J14	35	186.787	0.165	29.2	0.1871	0.0000	OK
60 minute winter	J15	35	186.762	0.145	29.9	0.1637	0.0000	OK
60 minute winter	J16	35	186.719	0.114	30.7	0.1291	0.0000	OK
60 minute winter	J17	35	186.375	0.092	31.4	0.1039	0.0000	OK
60 minute winter	J18	35	186.248	0.123	37.0	0.1393	0.0000	OK
60 minute winter	J19	35	186.207	0.180	37.8	0.2034	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J5	1.005	J6	12.6	1.388	0.330	0.0516	
60 minute winter	J6	1.006	J7	13.4	1.362	0.470	0.0193	
60 minute winter	J7	1.007	J8	13.6	1.031	0.443	0.0150	
60 minute winter	J8	1.008	J9	15.0	1.097	0.168	0.1164	
60 minute winter	J9	1.009	J10	15.9	1.158	0.478	0.0167	
60 minute winter	J10	1.010	J11	16.5	1.321	0.128	0.0312	
60 minute winter	J11	1.011	S2	17.3	0.746	0.269	0.1280	
60 minute winter	J12	1.013	J13	28.1	1.463	0.420	0.1252	
60 minute winter	J13	1.014	J14	28.4	0.680	0.502	0.0793	
60 minute winter	J14	1.015	J15	29.2	0.795	0.518	0.0704	
60 minute winter	J15	1.016	J16	29.9	1.029	0.562	0.1493	
60 minute winter	J16	1.017	J17	30.7	1.417	0.215	0.0729	
60 minute winter	J17	1.018	S3	31.4	1.131	0.101	0.0530	
60 minute winter	J18	1.020	J19	37.0	1.038	0.129	0.0531	
60 minute winter	J19	1.021	S4	37.8	0.954	0.686	0.1742	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J20	34	186.123	0.092	7.1	0.1045	0.0000	OK
60 minute winter	J21	35	186.102	0.093	7.9	0.1048	0.0000	OK
60 minute winter	J22	35	186.066	0.103	8.6	0.1167	0.0000	OK
60 minute winter	J23	35	186.039	0.097	9.0	0.1099	0.0000	OK
60 minute winter	J24	99	185.978	0.161	15.6	0.1823	0.0000	OK
60 minute winter	J25	99	185.978	0.182	16.4	0.2060	0.0000	OK
60 minute winter	J26	99	185.978	0.199	17.2	0.2252	0.0000	OK
60 minute winter	J27	99	185.978	0.242	23.8	0.2738	0.0000	SURCHARGED
60 minute winter	J28	36	186.509	0.153	6.0	0.1735	0.0000	SURCHARGED
60 minute winter	J29	36	186.401	0.130	6.8	0.1472	0.0000	SURCHARGED
60 minute winter	J30	35	186.283	0.136	13.7	0.1537	0.0000	OK
60 minute winter	J31	35	186.162	0.118	14.5	0.1331	0.0000	OK
60 minute winter	J32	35	186.117	0.106	15.3	0.1203	0.0000	OK
60 minute winter	J33	34	185.604	0.069	21.7	0.0785	0.0000	OK
60 minute winter	J34	34	185.270	0.145	28.5	0.1638	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J20	23.002	J21	7.1	0.621	0.524	0.0430	
60 minute winter	J21	23.003	J22	7.8	0.646	0.586	0.0975	
60 minute winter	J22	23.004	J23	8.6	0.693	0.639	0.0449	
60 minute winter	J23	23.005	S18	9.0	0.789	0.669	0.0852	
60 minute winter	J24	23.007	J25	15.6	0.528	0.517	0.2005	
60 minute winter	J25	23.008	J26	16.4	0.533	0.542	0.1778	
60 minute winter	J26	23.009	S19	17.2	0.555	0.562	0.1409	
60 minute winter	J27	23.011	S4	23.8	0.906	0.798	0.0951	
60 minute winter	J28	32.001	J29	6.0	0.764	1.009	0.0691	
60 minute winter	J29	32.002	S12	6.8	0.875	1.153	0.0363	
60 minute winter	J30	32.004	J31	13.7	0.892	1.034	0.0758	
60 minute winter	J31	32.005	J32	14.5	0.736	0.483	0.1923	
60 minute winter	J32	32.006	S13	15.3	1.034	0.509	0.0795	
60 minute winter	J33	32.008	S14	21.7	1.154	0.208	0.1726	
60 minute winter	J34	32.010	J35	28.5	1.282	0.738	0.1999	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J35	34	185.176	0.101	29.2	0.1145	0.0000	OK
60 minute winter	J36	34	185.027	0.151	29.9	0.1713	0.0000	OK
60 minute winter	J37	34	184.655	0.155	37.2	0.1750	0.0000	OK
60 minute winter	J38	34	184.520	0.220	44.5	0.2483	0.0000	OK
60 minute winter	J39	34	184.471	0.197	45.3	0.2225	0.0000	OK
60 minute winter	J40	34	184.427	0.162	46.9	0.1829	0.0000	OK
60 minute winter	J41	48	184.622	0.025	0.8	0.0285	0.0000	OK
60 minute winter	J42	47	184.574	0.037	1.6	0.0422	0.0000	OK
60 minute winter	J43	34	184.477	0.097	7.1	0.1102	0.0000	OK
60 minute winter	J44	34	184.462	0.092	7.8	0.1039	0.0000	OK
60 minute winter	J45	35	184.427	0.107	8.6	0.1206	0.0000	OK
60 minute winter	J46	35	184.401	0.179	13.9	0.2019	0.0000	OK
60 minute winter	J47	35	184.394	0.187	14.6	0.2118	0.0000	OK
60 minute winter	J48	36	184.379	0.185	19.9	0.2088	0.0000	OK
60 minute winter	J49	36	184.362	0.193	20.7	0.2182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J35	32.011	J36	29.2	1.272	0.328	0.1571	
60 minute winter	J36	32.012	S15	29.9	1.254	0.998	0.0566	
60 minute winter	J37	32.014	S16	37.2	1.251	0.674	0.1548	
60 minute winter	J38	32.016	J39	44.5	0.854	0.824	0.5637	
60 minute winter	J39	32.017	J40	45.3	1.032	0.828	0.1602	
60 minute winter	J40	32.018	S10	46.9	1.306	0.471	0.3438	
60 minute winter	J41	48.002	J42	0.8	0.448	0.139	0.0131	
60 minute winter	J42	48.003	S21	1.6	0.630	0.278	0.0213	
60 minute winter	J43	48.005	J44	7.1	0.614	0.509	0.0188	
60 minute winter	J44	48.006	J45	7.8	0.663	0.586	0.1083	
60 minute winter	J45	48.007	S22	8.5	0.731	0.629	0.0307	
60 minute winter	J46	48.009	J47	13.8	0.407	0.449	0.1456	
60 minute winter	J47	48.010	S23	14.6	0.410	0.483	0.0939	
60 minute winter	J48	48.012	J49	19.9	0.562	0.666	0.2649	
60 minute winter	J49	48.013	J50	20.7	0.581	0.674	0.0405	

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J50	36	184.351	0.186	21.5	0.2100	0.0000	OK
60 minute winter	J51	36	184.333	0.185	22.2	0.2088	0.0000	OK
60 minute winter	J52	36	184.317	0.173	23.0	0.1953	0.0000	OK
60 minute winter	J53	36	184.289	0.162	23.8	0.1832	0.0000	OK
60 minute winter	J54	35	185.232	0.103	6.1	0.1170	0.0000	SURCHARGED
60 minute winter	J55	35	185.178	0.084	7.1	0.0952	0.0000	OK
60 minute winter	J56	36	184.216	0.209	36.1	0.2368	0.0000	OK
60 minute winter	J57	36	184.189	0.204	36.9	0.2307	0.0000	OK
60 minute winter	BASIN 1	99	185.978	1.053	68.3	129.5875	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.826	0.526	4.2	52.8636	0.0000	OK
60 minute winter	BASIN 3	300	182.928	-0.172	63.0	120.9820	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J50	48.014	J51	21.4	0.615	0.717	0.1774	
60 minute winter	J51	48.015	J52	22.2	0.657	0.725	0.0383	
60 minute winter	J52	48.016	J53	23.0	0.727	0.755	0.1542	
60 minute winter	J53	48.017	S24	23.8	0.871	0.789	0.2937	
60 minute winter	J54	65.002	J55	6.1	0.812	1.031	0.0270	
60 minute winter	J55	65.003	S24	7.0	1.048	0.917	0.0525	
60 minute winter	J56	48.019	J57	36.1	0.699	0.667	0.4703	
60 minute winter	J57	48.020	S25	37.0	0.755	0.677	0.2993	
60 minute winter	BASIN 1	1.023	S5	3.7	0.321	0.044	0.9418	
60 minute winter	BASIN 1	Infiltration		0.1				1.8
60 minute winter	BASIN 2	1.027	S7	0.8	0.337	0.010	0.0563	
60 minute winter	BASIN 2	71.000	BH1	2.6	0.739	0.447	0.1829	
60 minute winter	BASIN 2	Infiltration		0.0				0.0
60 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	BASIN 4	151	183.695	0.365	48.2	106.7751	0.0000	SURCHARGED
60 minute winter	SWALE 1	100	184.927	0.053	3.5	0.0763	0.0000	OK
60 minute winter	SWALE 2	300	184.402	0.027	0.8	0.0386	0.0000	OK
60 minute winter	SWALE 3	35	184.173	0.178	54.1	0.2543	0.0000	OK
60 minute winter	BH1	300	184.826	0.749	2.6	2.9728	0.0000	OK
60 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute winter	BH3	149	183.695	0.376	7.4	3.3610	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	BASIN 4	48.022	BH3	7.4	0.846	0.137	0.3211	
60 minute winter	BASIN 4	Infiltration		0.0				0.0
60 minute winter	SWALE 1	1.025	S6	3.5	0.382	0.043	0.3491	
60 minute winter	SWALE 2	1.029	S8	0.7	0.289	0.008	0.0601	
60 minute winter	SWALE 3	1.033	BASIN 3	54.1	1.088	0.432	2.1472	
60 minute winter	BH1	Infiltration		0.1				1.5
60 minute winter	BH2	Infiltration		0.0				0.0
60 minute winter	BH3	Infiltration		0.2				3.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.418	0.048	4.0	0.0700	0.0000	OK
120 minute summer	S2	64	187.198	0.159	25.2	0.2749	0.0000	OK
120 minute summer	S3	66	186.289	0.152	33.4	0.2017	0.0000	OK
120 minute summer	S4	138	186.138	0.760	60.4	0.9739	0.0000	SURCHARGED
120 minute summer	S5	138	186.138	1.227	3.8	1.7565	0.0000	SURCHARGED
120 minute summer	S6	340	184.861	0.053	3.8	0.0759	0.0000	OK
120 minute summer	S7	360	184.786	0.027	3.3	0.0393	0.0000	OK
120 minute summer	S8	360	184.359	0.029	3.3	0.0420	0.0000	OK
120 minute summer	S9	64	184.243	0.118	3.3	0.1689	0.0000	OK
120 minute summer	S10	64	184.243	0.130	50.1	0.2366	0.0000	OK
120 minute summer	S11	66	186.510	0.110	5.2	0.1734	0.0000	SURCHARGED
120 minute summer	S12	64	186.312	0.136	12.1	0.2008	0.0000	OK
120 minute summer	S13	64	186.065	0.072	19.6	0.1082	0.0000	OK
120 minute summer	S14	64	185.316	0.141	26.4	0.2219	0.0000	OK
120 minute summer	S15	64	184.973	0.105	34.0	0.1658	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S1	1.000	J1	4.0	0.656	0.458	0.0472	
120 minute summer	S2	1.012	J12	25.1	0.924	0.840	0.0405	
120 minute summer	S3	1.019	J18	33.4	1.096	0.628	0.1567	
120 minute summer	S4	1.022	BASIN 1	59.1	1.256	0.353	1.1778	
120 minute summer	S5	1.024	SWALE 1	3.8	0.379	0.046	0.2036	
120 minute summer	S6	1.026	BASIN 2	3.8	0.467	0.044	0.0523	
120 minute summer	S7	1.028	SWALE 2	3.3	0.542	0.011	0.1043	
120 minute summer	S8	1.030	S9	3.3	0.573	0.013	0.1782	
120 minute summer	S9	1.031	S10	3.3	0.607	0.039	0.2124	
120 minute summer	S10	1.032	SWALE 3	49.9	1.220	0.151	0.1787	
120 minute summer	S11	32.000	J28	5.1	0.716	0.853	0.0355	
120 minute summer	S12	32.003	J30	12.0	0.734	0.902	0.0833	
120 minute summer	S13	32.007	J33	19.6	1.870	0.200	0.1362	
120 minute summer	S14	32.009	J34	26.3	1.015	0.519	0.1359	
120 minute summer	S15	32.013	J37	33.9	2.001	0.368	0.1584	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.592	0.105	40.7	0.1594	0.0000	OK
120 minute summer	S17	64	186.240	0.090	5.8	0.1432	0.0000	OK
120 minute summer	S18	138	186.138	0.314	13.8	0.4637	0.0000	SURCHARGED
120 minute summer	S19	138	186.138	0.372	21.2	0.5356	0.0000	SURCHARGED
120 minute summer	S20	80	184.668	0.026	0.8	0.0295	0.0000	OK
120 minute summer	S21	64	184.492	0.083	6.0	0.1102	0.0000	OK
120 minute summer	S22	66	184.395	0.164	12.4	0.2121	0.0000	OK
120 minute summer	S23	66	184.378	0.180	17.9	0.2317	0.0000	OK
120 minute summer	S24	66	184.226	0.209	33.4	0.2745	0.0000	OK
120 minute summer	S25	66	184.152	0.182	38.4	0.2516	0.0000	OK
120 minute summer	S26	64	185.426	0.049	5.0	0.0723	0.0000	OK
120 minute summer	FC1	76	188.907	0.657	1.9	1.2905	0.0000	SURCHARGED
120 minute summer	FC2	76	188.804	0.654	1.9	1.2767	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S16	32.015	J38	40.7	1.093	0.128	0.0857	
120 minute summer	S17	23.001	J20	5.8	0.826	0.978	0.0500	
120 minute summer	S18	23.006	J24	13.7	0.516	0.429	0.0729	
120 minute summer	S19	23.010	J27	21.2	0.745	0.706	0.3541	
120 minute summer	S20	48.001	J41	0.8	0.519	0.138	0.0073	
120 minute summer	S21	48.004	J43	6.0	0.556	0.446	0.0549	
120 minute summer	S22	48.008	J46	12.3	0.410	0.391	0.0762	
120 minute summer	S23	48.011	J48	17.8	0.540	0.576	0.0376	
120 minute summer	S24	48.018	J56	33.4	0.654	0.625	0.2170	
120 minute summer	S25	48.021	BASIN 4	38.4	0.958	0.721	0.1544	
120 minute summer	S26	65.001	J54	5.0	0.886	0.481	0.0477	
120 minute summer	FC1	2.000	J1	1.0	0.416	0.162	0.0346	
120 minute summer	FC1	Infiltration		0.0				0.0
120 minute summer	FC2	3.000	J2	0.8	0.515	0.135	0.0144	
120 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC3	80	188.873	0.672	2.6	2.1868	0.0000	SURCHARGED
120 minute summer	FC4	72	188.821	0.621	1.4	0.7903	0.0000	SURCHARGED
120 minute summer	FC5	76	188.652	0.652	1.9	1.2783	0.0000	SURCHARGED
120 minute summer	FC6	72	188.471	0.621	1.4	0.7885	0.0000	SURCHARGED
120 minute summer	FC7	72	188.371	0.621	1.4	0.7908	0.0000	SURCHARGED
120 minute summer	FC8	76	188.403	0.653	1.9	1.2702	0.0000	SURCHARGED
120 minute summer	FC9	72	188.091	0.621	1.4	0.7928	0.0000	SURCHARGED
120 minute summer	FC10	80	188.153	0.683	2.6	2.1800	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC3	4.000	J3	0.8	0.543	0.130	0.0226	
120 minute summer	FC3	Infiltration		0.0				0.0
120 minute summer	FC4	5.000	J4	0.8	0.606	0.105	0.0095	
120 minute summer	FC4	Infiltration		0.0				0.0
120 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0065	
120 minute summer	FC5	Infiltration		0.0				0.0
120 minute summer	FC6	7.000	J6	0.8	0.675	0.090	0.0135	
120 minute summer	FC6	Infiltration		0.0				0.0
120 minute summer	FC7	8.000	J7	0.8	0.586	0.110	0.0097	
120 minute summer	FC7	Infiltration		0.0				0.0
120 minute summer	FC8	9.000	J8	0.8	0.722	0.084	0.0047	
120 minute summer	FC8	Infiltration		0.0				0.0
120 minute summer	FC9	10.000	J9	0.8	0.516	0.131	0.0109	
120 minute summer	FC9	Infiltration		0.0				0.0
120 minute summer	FC10	11.000	J10	0.8	0.564	0.124	0.0091	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC11	76	187.977	0.657	1.9	1.2760	0.0000	SURCHARGED
120 minute summer	FC12	76	187.888	0.658	1.9	1.2756	0.0000	SURCHARGED
120 minute summer	FC13	76	187.656	0.656	1.9	1.2762	0.0000	SURCHARGED
120 minute summer	FC14	84	187.083	0.183	1.9	2.3377	0.0000	SURCHARGED
120 minute summer	FC15	72	187.821	0.620	1.4	0.7844	0.0000	SURCHARGED
120 minute summer	FC16	72	187.521	0.621	1.4	0.7921	0.0000	SURCHARGED
120 minute summer	FC17	72	187.621	0.621	1.4	0.7863	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC10	Infiltration		0.0				0.0
120 minute summer	FC11	12.000	J11	0.8	0.519	0.136	0.0120	
120 minute summer	FC11	Infiltration		0.0				0.0
120 minute summer	FC12	13.000	S2	0.8	0.518	0.136	0.0132	
120 minute summer	FC12	Infiltration		0.0				0.0
120 minute summer	FC13	14.000	J12	0.8	0.519	0.135	0.0106	
120 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.4	0.430	0.069	0.0072	
120 minute summer	FC14	Infiltration		0.0				0.0
120 minute summer	FC15	16.000	J14	0.8	1.097	0.045	0.0034	
120 minute summer	FC15	Infiltration		0.0				0.0
120 minute summer	FC16	17.000	J15	0.8	0.540	0.124	0.0110	
120 minute summer	FC16	Infiltration		0.0				0.0
120 minute summer	FC17	18.000	J16	0.8	0.856	0.064	0.0044	
120 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC18	72	187.171	0.621	1.4	0.7929	0.0000	SURCHARGED
120 minute summer	FC19	76	187.057	0.657	1.9	1.2761	0.0000	SURCHARGED
120 minute summer	FC20	76	187.602	0.652	1.9	1.2654	0.0000	SURCHARGED
120 minute summer	FC21	76	186.954	0.654	1.9	1.2772	0.0000	SURCHARGED
120 minute summer	FC22	82	186.611	0.161	1.4	1.5612	0.0000	SURCHARGED
120 minute summer	FC23	72	186.921	0.621	1.4	0.7855	0.0000	SURCHARGED
120 minute summer	FC24	76	186.953	0.653	1.9	1.2659	0.0000	SURCHARGED
120 minute summer	FC25	76	187.203	0.653	1.9	1.2652	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC18	19.000	J17	0.8	0.514	0.132	0.0106	
120 minute summer	FC18	Infiltration		0.0				0.0
120 minute summer	FC19	20.000	S3	0.8	0.517	0.136	0.0103	
120 minute summer	FC19	Infiltration		0.0				0.0
120 minute summer	FC20	21.000	J18	0.8	1.045	0.050	0.0033	
120 minute summer	FC20	Infiltration		0.0				0.0
120 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0118	
120 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.4	0.531	0.026	0.0187	
120 minute summer	FC22	Infiltration		0.0				0.0
120 minute summer	FC23	24.000	J20	0.8	0.908	0.059	0.0107	
120 minute summer	FC23	Infiltration		0.0				0.0
120 minute summer	FC24	25.000	J21	0.8	0.943	0.058	0.0159	
120 minute summer	FC24	Infiltration		0.0				0.0
120 minute summer	FC25	26.000	J22	0.8	1.037	0.051	0.0037	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	82	186.607	0.157	1.4	1.5784	0.0000	SURCHARGED
120 minute summer	FC27	72	187.120	0.620	1.4	0.7835	0.0000	SURCHARGED
120 minute summer	FC28	76	187.152	0.652	1.9	1.2656	0.0000	SURCHARGED
120 minute summer	FC29	76	187.149	0.649	1.9	1.2668	0.0000	SURCHARGED
120 minute summer	FC30	76	187.402	0.652	1.9	1.2663	0.0000	SURCHARGED
120 minute summer	FC31	72	187.071	0.621	1.4	0.7881	0.0000	SURCHARGED
120 minute summer	FC32	72	187.071	0.621	1.4	0.7858	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.4	0.737	0.029	0.0024	
120 minute summer	FC26	Infiltration		0.0				0.0
120 minute summer	FC27	28.000	J24	0.8	1.278	0.037	0.0184	
120 minute summer	FC27	Infiltration		0.0				0.0
120 minute summer	FC28	29.000	J25	0.8	1.043	0.050	0.0034	
120 minute summer	FC28	Infiltration		0.0				0.0
120 minute summer	FC29	30.000	J26	0.8	1.013	0.052	0.0037	
120 minute summer	FC29	Infiltration		0.0				0.0
120 minute summer	FC30	31.000	J27	0.8	0.972	0.055	0.0036	
120 minute summer	FC30	Infiltration		0.0				0.0
120 minute summer	FC31	33.000	J28	0.8	0.384	0.087	0.0189	
120 minute summer	FC31	Infiltration		0.0				0.0
120 minute summer	FC32	34.000	J29	0.8	0.319	0.062	0.0181	
120 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC33	76	187.105	0.655	1.9	1.2653	0.0000	SURCHARGED
120 minute summer	FC34	76	187.105	0.655	1.9	1.2761	0.0000	SURCHARGED
120 minute summer	FC35	76	187.102	0.652	1.9	1.2664	0.0000	SURCHARGED
120 minute summer	FC36	76	187.097	0.647	1.9	1.2677	0.0000	SURCHARGED
120 minute summer	FC37	80	186.490	0.690	2.6	2.1706	0.0000	SURCHARGED
120 minute summer	FC38	82	185.588	0.137	1.4	1.6483	0.0000	SURCHARGED
120 minute summer	FC39	72	186.070	0.620	1.4	0.7853	0.0000	SURCHARGED
120 minute summer	FC40	76	186.109	0.609	1.9	1.2881	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC33	35.000	S12	0.8	0.953	0.057	0.0164	
120 minute summer	FC33	Infiltration		0.0				0.0
120 minute summer	FC34	36.000	J30	0.8	0.531	0.130	0.0072	
120 minute summer	FC34	Infiltration		0.0				0.0
120 minute summer	FC35	37.000	J31	0.8	0.963	0.056	0.0043	
120 minute summer	FC35	Infiltration		0.0				0.0
120 minute summer	FC36	38.000	J32	0.8	1.009	0.053	0.0040	
120 minute summer	FC36	Infiltration		0.0				0.0
120 minute summer	FC37	39.000	J33	0.8	0.696	0.093	0.0078	
120 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.4	0.693	0.029	0.0026	
120 minute summer	FC38	Infiltration		0.0				0.0
120 minute summer	FC39	41.000	J35	0.8	0.963	0.054	0.0036	
120 minute summer	FC39	Infiltration		0.0				0.0
120 minute summer	FC40	42.000	J36	0.8	1.176	0.041	0.0045	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC41	76	185.500	0.650	1.9	1.2704	0.0000	SURCHARGED
120 minute summer	FC42	76	185.250	0.650	1.9	1.2729	0.0000	SURCHARGED
120 minute summer	FC43	76	185.228	0.628	1.9	1.2783	0.0000	SURCHARGED
120 minute summer	FC44	64	184.626	0.026	1.4	0.0322	0.0000	OK
120 minute summer	FC45	72	185.221	0.621	1.4	0.7859	0.0000	SURCHARGED
120 minute summer	FC46	80	185.383	0.683	2.6	2.1824	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	76	185.453	0.653	1.9	1.2660	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC40	Infiltration		0.0				0.0
120 minute summer	FC41	43.000	J37	0.8	0.773	0.076	0.0052	
120 minute summer	FC41	Infiltration		0.0				0.0
120 minute summer	FC42	44.000	J38	0.8	0.673	0.093	0.0059	
120 minute summer	FC42	Infiltration		0.0				0.0
120 minute summer	FC43	45.000	J39	0.8	0.760	0.076	0.0045	
120 minute summer	FC43	Infiltration		0.0				0.0
120 minute summer	FC44	46.000	J40	1.4	0.909	0.131	0.0068	
120 minute summer	FC44	Infiltration		0.0				0.0
120 minute summer	FC45	47.000	S10	0.8	0.896	0.060	0.0040	
120 minute summer	FC45	Infiltration		0.0				0.0
120 minute summer	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
120 minute summer	FC46	Infiltration		0.0				0.0
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
120 minute summer	FC48	50.000	J42	0.8	0.606	0.058	0.0087	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC49	76	185.454	0.654	1.9	1.2774	0.0000	SURCHARGED
120 minute summer	FC50	76	185.455	0.654	1.9	1.2771	0.0000	SURCHARGED
120 minute summer	FC51	76	185.501	0.650	1.9	1.2783	0.0000	SURCHARGED
120 minute summer	FC52	76	185.894	0.644	1.9	1.2728	0.0000	SURCHARGED
120 minute summer	FC53	76	185.903	0.653	1.9	1.2710	0.0000	SURCHARGED
120 minute summer	FC54	72	185.871	0.621	1.4	0.7872	0.0000	SURCHARGED
120 minute summer	FC55	72	185.870	0.620	1.4	0.7851	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC48	Infiltration		0.0				0.0
120 minute summer	FC49	51.000	S21	0.8	0.514	0.135	0.0068	
120 minute summer	FC49	Infiltration		0.0				0.0
120 minute summer	FC50	52.000	J43	0.8	0.514	0.135	0.0073	
120 minute summer	FC50	Infiltration		0.0				0.0
120 minute summer	FC51	55.000	S22	0.8	0.516	0.135	0.0095	
120 minute summer	FC51	Infiltration		0.0				0.0
120 minute summer	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
120 minute summer	FC52	Infiltration		0.0				0.0
120 minute summer	FC53	61.000	J50	0.8	0.707	0.087	0.0049	
120 minute summer	FC53	Infiltration		0.0				0.0
120 minute summer	FC54	62.000	J51	0.8	0.779	0.073	0.0040	
120 minute summer	FC54	Infiltration		0.0				0.0
120 minute summer	FC55	64.000	J53	0.8	0.985	0.053	0.0033	
120 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC56	72	185.970	0.620	1.4	0.7849	0.0000	SURCHARGED
120 minute summer	FC57	72	185.970	0.620	1.4	0.7853	0.0000	SURCHARGED
120 minute summer	FC58	72	185.971	0.620	1.4	0.7856	0.0000	SURCHARGED
120 minute summer	FC59	72	185.971	0.621	1.4	0.7863	0.0000	SURCHARGED
120 minute summer	FC60	76	186.003	0.653	1.9	1.2676	0.0000	SURCHARGED
120 minute summer	FC61	76	185.954	0.654	1.9	1.2712	0.0000	SURCHARGED
120 minute summer	FC62	80	185.928	0.678	2.6	2.1796	0.0000	SURCHARGED
120 minute summer	FC63	72	186.021	0.621	1.4	0.7932	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC56	53.000	J44	0.8	1.018	0.051	0.0051	
120 minute summer	FC56	Infiltration		0.0				0.0
120 minute summer	FC57	54.000	J45	0.8	0.954	0.055	0.0053	
120 minute summer	FC57	Infiltration		0.0				0.0
120 minute summer	FC58	56.000	J46	0.8	0.917	0.059	0.0053	
120 minute summer	FC58	Infiltration		0.0				0.0
120 minute summer	FC59	57.000	J47	0.8	0.850	0.065	0.0059	
120 minute summer	FC59	Infiltration		0.0				0.0
120 minute summer	FC60	59.000	J48	0.8	0.847	0.068	0.0063	
120 minute summer	FC60	Infiltration		0.0				0.0
120 minute summer	FC61	60.000	J49	0.8	0.679	0.093	0.0088	
120 minute summer	FC61	Infiltration		0.0				0.0
120 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
120 minute summer	FC62	Infiltration		0.0				0.0
120 minute summer	FC63	65.000	S26	0.8	0.439	0.132	0.0065	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC64	72	185.774	0.624	1.4	0.8189	0.0000	SURCHARGED
120 minute summer	FC65	76	185.805	0.655	1.9	1.2687	0.0000	SURCHARGED
120 minute summer	FC66	76	185.655	0.655	1.9	1.2747	0.0000	SURCHARGED
120 minute summer	FC67	82	184.956	0.156	1.4	1.6010	0.0000	SURCHARGED
120 minute summer	FC68	72	185.171	0.621	1.4	0.7891	0.0000	SURCHARGED
120 minute summer	J1	64	188.330	0.130	8.6	0.1905	0.0000	SURCHARGED
120 minute summer	J2	66	188.166	0.109	9.3	0.1238	0.0000	OK
120 minute summer	J3	66	188.145	0.095	10.1	0.1069	0.0000	OK
120 minute summer	J4	66	188.106	0.067	10.8	0.0762	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC63	Infiltration		0.0				0.0
120 minute summer	FC64	66.000	J54	0.8	0.280	0.138	0.0144	
120 minute summer	FC64	Infiltration		0.0				0.0
120 minute summer	FC65	67.000	J55	0.8	0.395	0.083	0.0082	
120 minute summer	FC65	Infiltration		0.0				0.0
120 minute summer	FC66	68.000	S24	0.8	0.576	0.112	0.0030	
120 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.4	0.407	0.064	0.0019	
120 minute summer	FC67	Infiltration		0.0				0.0
120 minute summer	FC68	70.000	J57	0.8	0.672	0.087	0.0027	
120 minute summer	FC68	Infiltration		0.0				0.0
120 minute summer	J1	1.001	J2	8.5	1.112	1.023	0.0384	
120 minute summer	J2	1.002	J3	9.3	0.728	0.689	0.0132	
120 minute summer	J3	1.003	J4	10.1	1.040	0.758	0.0189	
120 minute summer	J4	1.004	J5	10.8	1.529	0.317	0.0250	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J5	66	187.969	0.059	11.6	0.0672	0.0000	OK
120 minute summer	J6	66	187.737	0.087	12.3	0.0980	0.0000	OK
120 minute summer	J7	66	187.623	0.098	13.1	0.1105	0.0000	OK
120 minute summer	J8	66	187.582	0.061	13.5	0.0686	0.0000	OK
120 minute summer	J9	66	187.376	0.101	14.6	0.1147	0.0000	OK
120 minute summer	J10	66	187.332	0.062	15.4	0.0696	0.0000	OK
120 minute summer	J11	66	187.211	0.090	16.2	0.1021	0.0000	OK
120 minute summer	J12	64	186.920	0.111	25.9	0.1251	0.0000	OK
120 minute summer	J13	66	186.798	0.171	26.2	0.1930	0.0000	OK
120 minute summer	J14	66	186.780	0.158	26.9	0.1788	0.0000	OK
120 minute summer	J15	66	186.756	0.139	27.7	0.1567	0.0000	OK
120 minute summer	J16	66	186.714	0.109	28.4	0.1235	0.0000	OK
120 minute summer	J17	66	186.370	0.087	29.1	0.0979	0.0000	OK
120 minute summer	J18	66	186.242	0.117	34.2	0.1321	0.0000	OK
120 minute summer	J19	66	186.199	0.172	35.0	0.1950	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J5	1.005	J6	11.6	1.365	0.303	0.0483	
120 minute summer	J6	1.006	J7	12.3	1.338	0.434	0.0181	
120 minute summer	J7	1.007	J8	12.7	1.017	0.412	0.0142	
120 minute summer	J8	1.008	J9	13.9	1.078	0.156	0.1098	
120 minute summer	J9	1.009	J10	14.6	1.127	0.438	0.0157	
120 minute summer	J10	1.010	J11	15.4	1.315	0.119	0.0289	
120 minute summer	J11	1.011	S2	16.2	0.739	0.251	0.1202	
120 minute summer	J12	1.013	J13	25.8	1.451	0.385	0.1152	
120 minute summer	J13	1.014	J14	26.2	0.664	0.462	0.0749	
120 minute summer	J14	1.015	J15	26.9	0.776	0.478	0.0665	
120 minute summer	J15	1.016	J16	27.7	1.008	0.519	0.1408	
120 minute summer	J16	1.017	J17	28.4	1.391	0.199	0.0687	
120 minute summer	J17	1.018	S3	29.1	1.123	0.094	0.0495	
120 minute summer	J18	1.020	J19	34.3	1.020	0.120	0.0501	
120 minute summer	J19	1.021	S4	35.1	0.931	0.636	0.1656	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J20	136	186.138	0.107	6.5	0.1210	0.0000	OK
120 minute summer	J21	136	186.138	0.129	7.3	0.1458	0.0000	OK
120 minute summer	J22	136	186.138	0.175	8.0	0.1978	0.0000	SURCHARGED
120 minute summer	J23	138	186.138	0.196	8.3	0.2216	0.0000	SURCHARGED
120 minute summer	J24	138	186.138	0.321	14.4	0.3628	0.0000	SURCHARGED
120 minute summer	J25	138	186.138	0.342	15.1	0.3865	0.0000	SURCHARGED
120 minute summer	J26	138	186.138	0.359	15.9	0.4057	0.0000	SURCHARGED
120 minute summer	J27	138	186.138	0.402	21.9	0.4543	0.0000	SURCHARGED
120 minute summer	J28	66	186.470	0.113	5.7	0.1284	0.0000	SURCHARGED
120 minute summer	J29	66	186.378	0.107	6.3	0.1209	0.0000	SURCHARGED
120 minute summer	J30	64	186.275	0.128	12.8	0.1449	0.0000	OK
120 minute summer	J31	64	186.157	0.113	13.6	0.1281	0.0000	OK
120 minute summer	J32	64	186.114	0.103	14.4	0.1163	0.0000	OK
120 minute summer	J33	64	185.602	0.067	20.4	0.0760	0.0000	OK
120 minute summer	J34	64	185.264	0.139	26.6	0.1571	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J20	23.002	J21	6.5	0.610	0.479	0.0558	
120 minute summer	J21	23.003	J22	7.2	0.635	0.540	0.1351	
120 minute summer	J22	23.004	J23	8.0	0.681	0.591	0.0633	
120 minute summer	J23	23.005	S18	8.3	0.773	0.623	0.1321	
120 minute summer	J24	23.007	J25	14.3	0.524	0.476	0.2458	
120 minute summer	J25	23.008	J26	15.1	0.526	0.498	0.1975	
120 minute summer	J26	23.009	S19	15.9	0.546	0.520	0.1474	
120 minute summer	J27	23.011	S4	21.9	0.881	0.733	0.0951	
120 minute summer	J28	32.001	J29	5.5	0.741	0.933	0.0691	
120 minute summer	J29	32.002	S12	6.2	0.821	1.053	0.0348	
120 minute summer	J30	32.004	J31	12.8	0.872	0.966	0.0727	
120 minute summer	J31	32.005	J32	13.6	0.721	0.452	0.1836	
120 minute summer	J32	32.006	S13	14.4	1.016	0.478	0.0760	
120 minute summer	J33	32.008	S14	20.4	1.141	0.196	0.1638	
120 minute summer	J34	32.010	J35	26.6	1.266	0.690	0.1894	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J35	64	185.172	0.097	27.3	0.1092	0.0000	OK
120 minute summer	J36	64	185.020	0.145	28.0	0.1644	0.0000	OK
120 minute summer	J37	64	184.649	0.149	34.7	0.1685	0.0000	OK
120 minute summer	J38	64	184.509	0.209	41.5	0.2363	0.0000	OK
120 minute summer	J39	64	184.462	0.188	42.2	0.2121	0.0000	OK
120 minute summer	J40	64	184.419	0.154	43.5	0.1745	0.0000	OK
120 minute summer	J41	80	184.622	0.025	0.8	0.0284	0.0000	OK
120 minute summer	J42	78	184.574	0.037	1.6	0.0421	0.0000	OK
120 minute summer	J43	64	184.473	0.093	6.7	0.1056	0.0000	OK
120 minute summer	J44	64	184.458	0.088	7.4	0.0991	0.0000	OK
120 minute summer	J45	66	184.418	0.098	8.1	0.1111	0.0000	OK
120 minute summer	J46	66	184.390	0.168	13.0	0.1895	0.0000	OK
120 minute summer	J47	66	184.384	0.177	13.6	0.1997	0.0000	OK
120 minute summer	J48	66	184.368	0.174	18.6	0.1972	0.0000	OK
120 minute summer	J49	66	184.353	0.184	19.4	0.2076	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J35	32.011	J36	27.3	1.254	0.306	0.1490	
120 minute summer	J36	32.012	S15	28.0	1.234	0.933	0.0538	
120 minute summer	J37	32.014	S16	34.7	1.228	0.629	0.1471	
120 minute summer	J38	32.016	J39	41.4	0.838	0.766	0.5339	
120 minute summer	J39	32.017	J40	42.1	1.016	0.770	0.1513	
120 minute summer	J40	32.018	S10	43.4	1.281	0.436	0.3244	
120 minute summer	J41	48.002	J42	0.8	0.452	0.138	0.0130	
120 minute summer	J42	48.003	S21	1.6	0.629	0.276	0.0211	
120 minute summer	J43	48.005	J44	6.7	0.607	0.481	0.0178	
120 minute summer	J44	48.006	J45	7.4	0.658	0.554	0.1001	
120 minute summer	J45	48.007	S22	8.1	0.734	0.594	0.0274	
120 minute summer	J46	48.009	J47	12.9	0.404	0.419	0.1373	
120 minute summer	J47	48.010	S23	13.7	0.405	0.453	0.0890	
120 minute summer	J48	48.012	J49	18.6	0.553	0.621	0.2522	
120 minute summer	J49	48.013	J50	19.4	0.571	0.632	0.0386	

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J50	66	184.341	0.176	20.2	0.1996	0.0000	OK
120 minute summer	J51	66	184.324	0.176	20.9	0.1990	0.0000	OK
120 minute summer	J52	66	184.308	0.164	21.7	0.1857	0.0000	OK
120 minute summer	J53	66	184.281	0.153	22.4	0.1736	0.0000	OK
120 minute summer	J54	64	185.218	0.089	5.6	0.1011	0.0000	OK
120 minute summer	J55	64	185.170	0.076	6.4	0.0862	0.0000	OK
120 minute summer	J56	66	184.207	0.200	33.8	0.2264	0.0000	OK
120 minute summer	J57	66	184.180	0.195	34.5	0.2210	0.0000	OK
120 minute summer	BASIN 1	138	186.138	1.213	61.7	155.2523	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.847	0.547	4.4	55.3627	0.0000	OK
120 minute summer	BASIN 3	360	183.023	-0.077	57.6	157.8769	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J50	48.014	J51	20.2	0.605	0.675	0.1693	
120 minute summer	J51	48.015	J52	20.9	0.649	0.681	0.0365	
120 minute summer	J52	48.016	J53	21.7	0.724	0.711	0.1460	
120 minute summer	J53	48.017	S24	22.4	0.864	0.743	0.2740	
120 minute summer	J54	65.002	J55	5.6	0.805	0.942	0.0251	
120 minute summer	J55	65.003	S24	6.3	1.036	0.832	0.0480	
120 minute summer	J56	48.019	J57	33.8	0.686	0.623	0.4476	
120 minute summer	J57	48.020	S25	34.5	0.740	0.632	0.2853	
120 minute summer	BASIN 1	1.023	S5	3.8	0.228	0.046	0.9418	
120 minute summer	BASIN 1	Infiltration		0.1				2.1
120 minute summer	BASIN 2	1.027	S7	3.3	0.547	0.040	0.1345	
120 minute summer	BASIN 2	71.000	BH1	1.9	0.603	0.327	0.1829	
120 minute summer	BASIN 2	Infiltration		0.0				0.0
120 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	BASIN 4	196	183.773	0.443	44.5	130.9064	0.0000	SURCHARGED
120 minute summer	SWALE 1	138	184.929	0.055	3.8	0.0790	0.0000	OK
120 minute summer	SWALE 2	360	184.426	0.051	3.3	0.0727	0.0000	OK
120 minute summer	SWALE 3	66	184.164	0.169	49.9	0.2419	0.0000	OK
120 minute summer	BH1	360	184.847	0.770	1.9	3.0357	0.0000	OK
120 minute summer	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute summer	BH3	194	183.773	0.454	2.8	3.7241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	BASIN 4	48.022	BH3	2.8	0.602	0.052	0.3211	
120 minute summer	BASIN 4	Infiltration		0.0				0.0
120 minute summer	SWALE 1	1.025	S6	3.8	0.390	0.046	0.3672	
120 minute summer	SWALE 2	1.029	S8	3.3	0.524	0.040	0.1656	
120 minute summer	SWALE 3	1.033	BASIN 3	49.8	1.065	0.398	2.0201	
120 minute summer	BH1	Infiltration		0.1				1.7
120 minute summer	BH2	Infiltration		0.0				0.0
120 minute summer	BH3	Infiltration		0.2				3.5

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.409	0.039	2.8	0.0573	0.0000	OK
120 minute winter	S2	66	187.180	0.141	20.3	0.2437	0.0000	OK
120 minute winter	S3	66	186.273	0.136	27.5	0.1804	0.0000	OK
120 minute winter	S4	136	186.136	0.758	48.7	0.9720	0.0000	SURCHARGED
120 minute winter	S5	136	186.136	1.226	3.8	1.7543	0.0000	SURCHARGED
120 minute winter	S6	342	184.861	0.053	3.8	0.0758	0.0000	OK
120 minute winter	S7	360	184.786	0.027	3.3	0.0392	0.0000	OK
120 minute winter	S8	360	184.359	0.029	3.3	0.0420	0.0000	OK
120 minute winter	S9	66	184.221	0.096	3.3	0.1368	0.0000	OK
120 minute winter	S10	66	184.221	0.108	37.7	0.1958	0.0000	OK
120 minute winter	S11	64	186.463	0.063	3.6	0.0991	0.0000	OK
120 minute winter	S12	64	186.284	0.108	9.2	0.1596	0.0000	OK
120 minute winter	S13	66	186.056	0.063	15.1	0.0937	0.0000	OK
120 minute winter	S14	66	185.292	0.117	19.9	0.1843	0.0000	OK
120 minute winter	S15	66	184.956	0.089	25.6	0.1399	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S1	1.000	J1	2.8	0.619	0.321	0.0370	
120 minute winter	S2	1.012	J12	20.4	0.860	0.682	0.0353	
120 minute winter	S3	1.019	J18	27.5	1.054	0.516	0.1341	
120 minute winter	S4	1.022	BASIN 1	47.3	1.304	0.282	1.1778	
120 minute winter	S5	1.024	SWALE 1	3.8	0.379	0.046	0.2036	
120 minute winter	S6	1.026	BASIN 2	3.8	0.467	0.044	0.0522	
120 minute winter	S7	1.028	SWALE 2	3.3	0.542	0.011	0.1041	
120 minute winter	S8	1.030	S9	3.3	0.572	0.013	0.1328	
120 minute winter	S9	1.031	S10	3.3	0.606	0.039	0.1610	
120 minute winter	S10	1.032	SWALE 3	37.7	1.162	0.114	0.1422	
120 minute winter	S11	32.000	J28	3.6	0.673	0.605	0.0243	
120 minute winter	S12	32.003	J30	9.2	0.684	0.689	0.0684	
120 minute winter	S13	32.007	J33	15.1	1.740	0.154	0.1126	
120 minute winter	S14	32.009	J34	19.9	0.950	0.392	0.1098	
120 minute winter	S15	32.013	J37	25.7	1.875	0.278	0.1278	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.571	0.083	30.4	0.1273	0.0000	OK
120 minute winter	S17	64	186.216	0.066	4.1	0.1044	0.0000	OK
120 minute winter	S18	136	186.136	0.312	10.3	0.4616	0.0000	SURCHARGED
120 minute winter	S19	136	186.136	0.370	16.3	0.5335	0.0000	SURCHARGED
120 minute winter	S20	84	184.668	0.026	0.8	0.0294	0.0000	OK
120 minute winter	S21	64	184.481	0.072	4.8	0.0952	0.0000	OK
120 minute winter	S22	66	184.369	0.138	10.1	0.1789	0.0000	OK
120 minute winter	S23	66	184.353	0.155	14.6	0.1993	0.0000	OK
120 minute winter	S24	68	184.201	0.184	27.6	0.2421	0.0000	OK
120 minute winter	S25	68	184.133	0.163	31.4	0.2248	0.0000	OK
120 minute winter	S26	64	185.418	0.041	3.6	0.0604	0.0000	OK
120 minute winter	FC1	78	188.889	0.639	1.3	1.0507	0.0000	SURCHARGED
120 minute winter	FC2	78	188.788	0.638	1.3	1.0520	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S16	32.015	J38	30.5	1.052	0.096	0.0676	
120 minute winter	S17	23.001	J20	4.1	0.786	0.693	0.0374	
120 minute winter	S18	23.006	J24	10.3	0.494	0.323	0.0729	
120 minute winter	S19	23.010	J27	16.3	0.688	0.543	0.3541	
120 minute winter	S20	48.001	J41	0.8	0.517	0.136	0.0073	
120 minute winter	S21	48.004	J43	4.8	0.528	0.360	0.0464	
120 minute winter	S22	48.008	J46	10.1	0.405	0.320	0.0631	
120 minute winter	S23	48.011	J48	14.5	0.512	0.472	0.0321	
120 minute winter	S24	48.018	J56	27.6	0.624	0.516	0.1878	
120 minute winter	S25	48.021	BASIN 4	31.4	0.898	0.590	0.1347	
120 minute winter	S26	65.001	J54	3.6	0.821	0.350	0.0377	
120 minute winter	FC1	2.000	J1	0.8	0.407	0.128	0.0181	
120 minute winter	FC1	Infiltration		0.0				0.0
120 minute winter	FC2	3.000	J2	0.8	0.514	0.133	0.0107	
120 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC3	84	188.862	0.662	1.8	1.9303	0.0000	SURCHARGED
120 minute winter	FC4	76	188.727	0.526	1.0	0.6586	0.0000	SURCHARGED
120 minute winter	FC5	78	188.637	0.637	1.3	1.0535	0.0000	SURCHARGED
120 minute winter	FC6	76	188.375	0.525	1.0	0.6569	0.0000	SURCHARGED
120 minute winter	FC7	76	188.277	0.527	1.0	0.6591	0.0000	SURCHARGED
120 minute winter	FC8	78	188.387	0.637	1.3	1.0456	0.0000	SURCHARGED
120 minute winter	FC9	76	187.999	0.528	1.0	0.6611	0.0000	SURCHARGED
120 minute winter	FC10	84	188.141	0.671	1.8	1.9239	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC3	4.000	J3	0.8	0.542	0.129	0.0169	
120 minute winter	FC3	Infiltration		0.0				0.0
120 minute winter	FC4	5.000	J4	0.7	0.592	0.097	0.0089	
120 minute winter	FC4	Infiltration		0.0				0.0
120 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
120 minute winter	FC5	Infiltration		0.0				0.0
120 minute winter	FC6	7.000	J6	0.7	0.659	0.083	0.0095	
120 minute winter	FC6	Infiltration		0.0				0.0
120 minute winter	FC7	8.000	J7	0.7	0.573	0.101	0.0091	
120 minute winter	FC7	Infiltration		0.0				0.0
120 minute winter	FC8	9.000	J8	0.8	0.720	0.083	0.0046	
120 minute winter	FC8	Infiltration		0.0				0.0
120 minute winter	FC9	10.000	J9	0.7	0.505	0.121	0.0103	
120 minute winter	FC9	Infiltration		0.0				0.0
120 minute winter	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC11	78	187.959	0.639	1.3	1.0521	0.0000	SURCHARGED
120 minute winter	FC12	78	187.870	0.640	1.3	1.0520	0.0000	SURCHARGED
120 minute winter	FC13	78	187.639	0.639	1.3	1.0522	0.0000	SURCHARGED
120 minute winter	FC14	90	187.078	0.178	1.3	2.2669	0.0000	SURCHARGED
120 minute winter	FC15	76	187.721	0.521	1.0	0.6522	0.0000	SURCHARGED
120 minute winter	FC16	76	187.428	0.528	1.0	0.6604	0.0000	SURCHARGED
120 minute winter	FC17	76	187.523	0.523	1.0	0.6544	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC10	Infiltration		0.0				0.0
120 minute winter	FC11	12.000	J11	0.8	0.517	0.134	0.0119	
120 minute winter	FC11	Infiltration		0.0				0.0
120 minute winter	FC12	13.000	S2	0.8	0.516	0.134	0.0106	
120 minute winter	FC12	Infiltration		0.0				0.0
120 minute winter	FC13	14.000	J12	0.8	0.517	0.134	0.0105	
120 minute winter	FC13	Infiltration		0.0				0.0
120 minute winter	FC14	15.000	J13	0.4	0.428	0.068	0.0071	
120 minute winter	FC14	Infiltration		0.0				0.0
120 minute winter	FC15	16.000	J14	0.7	1.069	0.042	0.0032	
120 minute winter	FC15	Infiltration		0.0				0.0
120 minute winter	FC16	17.000	J15	0.7	0.527	0.114	0.0104	
120 minute winter	FC16	Infiltration		0.0				0.0
120 minute winter	FC17	18.000	J16	0.7	0.835	0.059	0.0042	
120 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC18	76	187.079	0.529	1.0	0.6612	0.0000	SURCHARGED
120 minute winter	FC19	78	187.039	0.639	1.3	1.0523	0.0000	SURCHARGED
120 minute winter	FC20	78	187.586	0.636	1.3	1.0401	0.0000	SURCHARGED
120 minute winter	FC21	78	186.938	0.638	1.3	1.0527	0.0000	SURCHARGED
120 minute winter	FC22	86	186.606	0.156	1.0	1.5142	0.0000	SURCHARGED
120 minute winter	FC23	76	186.823	0.523	1.0	0.6536	0.0000	SURCHARGED
120 minute winter	FC24	78	186.937	0.637	1.3	1.0410	0.0000	SURCHARGED
120 minute winter	FC25	78	187.187	0.637	1.3	1.0401	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC18	19.000	J17	0.7	0.502	0.122	0.0100	
120 minute winter	FC18	Infiltration		0.0				0.0
120 minute winter	FC19	20.000	S3	0.8	0.515	0.134	0.0102	
120 minute winter	FC19	Infiltration		0.0				0.0
120 minute winter	FC20	21.000	J18	0.8	1.041	0.050	0.0033	
120 minute winter	FC20	Infiltration		0.0				0.0
120 minute winter	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
120 minute winter	FC21	Infiltration		0.0				0.0
120 minute winter	FC22	23.000	S17	0.4	0.538	0.025	0.0140	
120 minute winter	FC22	Infiltration		0.0				0.0
120 minute winter	FC23	24.000	J20	0.7	0.886	0.054	0.0104	
120 minute winter	FC23	Infiltration		0.0				0.0
120 minute winter	FC24	25.000	J21	0.8	0.939	0.057	0.0156	
120 minute winter	FC24	Infiltration		0.0				0.0
120 minute winter	FC25	26.000	J22	0.8	1.034	0.050	0.0036	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC26	86	186.602	0.152	1.0	1.5330	0.0000	SURCHARGED
120 minute winter	FC27	76	187.021	0.521	1.0	0.6513	0.0000	SURCHARGED
120 minute winter	FC28	78	187.136	0.636	1.3	1.0402	0.0000	SURCHARGED
120 minute winter	FC29	78	187.135	0.635	1.3	1.0410	0.0000	SURCHARGED
120 minute winter	FC30	78	187.386	0.636	1.3	1.0410	0.0000	SURCHARGED
120 minute winter	FC31	76	186.975	0.525	1.0	0.6564	0.0000	SURCHARGED
120 minute winter	FC32	76	186.973	0.523	1.0	0.6538	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC25	Infiltration		0.0				0.0
120 minute winter	FC26	27.000	J23	0.4	0.734	0.028	0.0024	
120 minute winter	FC26	Infiltration		0.0				0.0
120 minute winter	FC27	28.000	J24	0.7	1.244	0.033	0.0185	
120 minute winter	FC27	Infiltration		0.0				0.0
120 minute winter	FC28	29.000	J25	0.8	1.039	0.050	0.0033	
120 minute winter	FC28	Infiltration		0.0				0.0
120 minute winter	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
120 minute winter	FC29	Infiltration		0.0				0.0
120 minute winter	FC30	31.000	J27	0.8	0.969	0.055	0.0036	
120 minute winter	FC30	Infiltration		0.0				0.0
120 minute winter	FC31	33.000	J28	0.7	0.354	0.080	0.0138	
120 minute winter	FC31	Infiltration		0.0				0.0
120 minute winter	FC32	34.000	J29	0.7	0.298	0.057	0.0150	
120 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC33	78	187.088	0.638	1.3	1.0404	0.0000	SURCHARGED
120 minute winter	FC34	78	187.089	0.638	1.3	1.0520	0.0000	SURCHARGED
120 minute winter	FC35	78	187.086	0.636	1.3	1.0411	0.0000	SURCHARGED
120 minute winter	FC36	78	187.084	0.634	1.3	1.0414	0.0000	SURCHARGED
120 minute winter	FC37	84	186.477	0.677	1.8	1.9136	0.0000	SURCHARGED
120 minute winter	FC38	86	185.584	0.134	1.0	1.6099	0.0000	SURCHARGED
120 minute winter	FC39	76	185.972	0.522	1.0	0.6533	0.0000	SURCHARGED
120 minute winter	FC40	78	186.093	0.593	1.3	1.0634	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC33	35.000	S12	0.8	0.949	0.056	0.0113	
120 minute winter	FC33	Infiltration		0.0				0.0
120 minute winter	FC34	36.000	J30	0.8	0.529	0.128	0.0071	
120 minute winter	FC34	Infiltration		0.0				0.0
120 minute winter	FC35	37.000	J31	0.8	0.959	0.056	0.0043	
120 minute winter	FC35	Infiltration		0.0				0.0
120 minute winter	FC36	38.000	J32	0.8	1.006	0.052	0.0040	
120 minute winter	FC36	Infiltration		0.0				0.0
120 minute winter	FC37	39.000	J33	0.8	0.694	0.092	0.0077	
120 minute winter	FC37	Infiltration		0.0				0.0
120 minute winter	FC38	40.000	J34	0.4	0.691	0.028	0.0024	
120 minute winter	FC38	Infiltration		0.0				0.0
120 minute winter	FC39	41.000	J35	0.7	0.940	0.050	0.0034	
120 minute winter	FC39	Infiltration		0.0				0.0
120 minute winter	FC40	42.000	J36	0.8	1.171	0.040	0.0033	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC41	78	185.485	0.635	1.3	1.0449	0.0000	SURCHARGED
120 minute winter	FC42	78	185.236	0.636	1.3	1.0475	0.0000	SURCHARGED
120 minute winter	FC43	78	185.224	0.624	1.3	1.0490	0.0000	SURCHARGED
120 minute winter	FC44	64	184.622	0.022	1.0	0.0270	0.0000	OK
120 minute winter	FC45	76	185.123	0.523	1.0	0.6540	0.0000	SURCHARGED
120 minute winter	FC46	84	185.371	0.671	1.8	1.9265	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	78	185.437	0.637	1.3	1.0408	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC40	Infiltration		0.0				0.0
120 minute winter	FC41	43.000	J37	0.8	0.771	0.076	0.0052	
120 minute winter	FC41	Infiltration		0.0				0.0
120 minute winter	FC42	44.000	J38	0.8	0.671	0.092	0.0058	
120 minute winter	FC42	Infiltration		0.0				0.0
120 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
120 minute winter	FC43	Infiltration		0.0				0.0
120 minute winter	FC44	46.000	J40	1.0	0.829	0.094	0.0053	
120 minute winter	FC44	Infiltration		0.0				0.0
120 minute winter	FC45	47.000	S10	0.7	0.874	0.055	0.0038	
120 minute winter	FC45	Infiltration		0.0				0.0
120 minute winter	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
120 minute winter	FC46	Infiltration		0.0				0.0
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
120 minute winter	FC48	50.000	J42	0.8	0.609	0.057	0.0086	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC49	78	185.438	0.638	1.3	1.0530	0.0000	SURCHARGED
120 minute winter	FC50	78	185.438	0.638	1.3	1.0529	0.0000	SURCHARGED
120 minute winter	FC51	78	185.486	0.636	1.3	1.0534	0.0000	SURCHARGED
120 minute winter	FC52	78	185.882	0.632	1.3	1.0464	0.0000	SURCHARGED
120 minute winter	FC53	78	185.887	0.637	1.3	1.0461	0.0000	SURCHARGED
120 minute winter	FC54	76	185.774	0.524	1.0	0.6554	0.0000	SURCHARGED
120 minute winter	FC55	76	185.772	0.522	1.0	0.6531	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC48	Infiltration		0.0				0.0
120 minute winter	FC49	51.000	S21	0.8	0.512	0.134	0.0067	
120 minute winter	FC49	Infiltration		0.0				0.0
120 minute winter	FC50	52.000	J43	0.8	0.512	0.134	0.0072	
120 minute winter	FC50	Infiltration		0.0				0.0
120 minute winter	FC51	55.000	S22	0.8	0.515	0.134	0.0094	
120 minute winter	FC51	Infiltration		0.0				0.0
120 minute winter	FC52	58.000	S23	0.8	0.750	0.079	0.0058	
120 minute winter	FC52	Infiltration		0.0				0.0
120 minute winter	FC53	61.000	J50	0.8	0.705	0.085	0.0048	
120 minute winter	FC53	Infiltration		0.0				0.0
120 minute winter	FC54	62.000	J51	0.7	0.760	0.067	0.0038	
120 minute winter	FC54	Infiltration		0.0				0.0
120 minute winter	FC55	64.000	J53	0.7	0.961	0.048	0.0031	
120 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC56	76	185.872	0.522	1.0	0.6528	0.0000	SURCHARGED
120 minute winter	FC57	76	185.872	0.522	1.0	0.6533	0.0000	SURCHARGED
120 minute winter	FC58	76	185.873	0.523	1.0	0.6537	0.0000	SURCHARGED
120 minute winter	FC59	76	185.873	0.523	1.0	0.6544	0.0000	SURCHARGED
120 minute winter	FC60	78	185.987	0.637	1.3	1.0428	0.0000	SURCHARGED
120 minute winter	FC61	78	185.937	0.637	1.3	1.0466	0.0000	SURCHARGED
120 minute winter	FC62	84	185.917	0.667	1.8	1.9228	0.0000	SURCHARGED
120 minute winter	FC63	76	185.928	0.528	1.0	0.6609	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC56	53.000	J44	0.7	0.992	0.046	0.0048	
120 minute winter	FC56	Infiltration		0.0				0.0
120 minute winter	FC57	54.000	J45	0.7	0.931	0.051	0.0050	
120 minute winter	FC57	Infiltration		0.0				0.0
120 minute winter	FC58	56.000	J46	0.7	0.894	0.054	0.0050	
120 minute winter	FC58	Infiltration		0.0				0.0
120 minute winter	FC59	57.000	J47	0.7	0.829	0.060	0.0056	
120 minute winter	FC59	Infiltration		0.0				0.0
120 minute winter	FC60	59.000	J48	0.8	0.844	0.067	0.0062	
120 minute winter	FC60	Infiltration		0.0				0.0
120 minute winter	FC61	60.000	J49	0.8	0.677	0.092	0.0087	
120 minute winter	FC61	Infiltration		0.0				0.0
120 minute winter	FC62	63.000	J52	0.8	0.627	0.106	0.0121	
120 minute winter	FC62	Infiltration		0.0				0.0
120 minute winter	FC63	65.000	S26	0.7	0.418	0.121	0.0052	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC64	76	185.695	0.545	1.0	0.6814	0.0000	SURCHARGED
120 minute winter	FC65	78	185.788	0.638	1.3	1.0443	0.0000	SURCHARGED
120 minute winter	FC66	78	185.638	0.638	1.3	1.0504	0.0000	SURCHARGED
120 minute winter	FC67	86	184.952	0.152	1.0	1.5591	0.0000	SURCHARGED
120 minute winter	FC68	76	185.076	0.526	1.0	0.6574	0.0000	SURCHARGED
120 minute winter	J1	64	188.274	0.074	6.4	0.1086	0.0000	OK
120 minute winter	J2	64	188.150	0.093	7.1	0.1057	0.0000	OK
120 minute winter	J3	64	188.132	0.082	7.9	0.0928	0.0000	OK
120 minute winter	J4	64	188.097	0.058	8.5	0.0660	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC63	Infiltration		0.0				0.0
120 minute winter	FC64	66.000	J54	0.7	0.272	0.124	0.0106	
120 minute winter	FC64	Infiltration		0.0				0.0
120 minute winter	FC65	67.000	J55	0.8	0.381	0.082	0.0069	
120 minute winter	FC65	Infiltration		0.0				0.0
120 minute winter	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
120 minute winter	FC66	Infiltration		0.0				0.0
120 minute winter	FC67	69.000	J56	0.4	0.405	0.063	0.0019	
120 minute winter	FC67	Infiltration		0.0				0.0
120 minute winter	FC68	70.000	J57	0.7	0.657	0.080	0.0025	
120 minute winter	FC68	Infiltration		0.0				0.0
120 minute winter	J1	1.001	J2	6.4	1.091	0.767	0.0292	
120 minute winter	J2	1.002	J3	7.1	0.665	0.530	0.0111	
120 minute winter	J3	1.003	J4	7.9	0.977	0.595	0.0158	
120 minute winter	J4	1.004	J5	8.5	1.454	0.250	0.0208	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J5	64	187.962	0.052	9.3	0.0588	0.0000	OK
120 minute winter	J6	66	187.726	0.076	10.0	0.0854	0.0000	OK
120 minute winter	J7	66	187.613	0.087	10.6	0.0989	0.0000	OK
120 minute winter	J8	66	187.575	0.054	11.6	0.0613	0.0000	OK
120 minute winter	J9	66	187.368	0.093	12.1	0.1048	0.0000	OK
120 minute winter	J10	66	187.325	0.055	12.9	0.0622	0.0000	OK
120 minute winter	J11	66	187.200	0.079	13.7	0.0895	0.0000	OK
120 minute winter	J12	66	186.907	0.098	21.1	0.1107	0.0000	OK
120 minute winter	J13	66	186.780	0.153	21.5	0.1727	0.0000	OK
120 minute winter	J14	66	186.764	0.142	22.1	0.1605	0.0000	OK
120 minute winter	J15	66	186.742	0.125	22.8	0.1412	0.0000	OK
120 minute winter	J16	66	186.703	0.098	23.5	0.1106	0.0000	OK
120 minute winter	J17	66	186.358	0.075	24.1	0.0848	0.0000	OK
120 minute winter	J18	66	186.228	0.103	28.3	0.1162	0.0000	OK
120 minute winter	J19	66	186.182	0.155	29.1	0.1755	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J5	1.005	J6	9.3	1.307	0.243	0.0406	
120 minute winter	J6	1.006	J7	10.0	1.275	0.351	0.0154	
120 minute winter	J7	1.007	J8	10.8	1.010	0.351	0.0122	
120 minute winter	J8	1.008	J9	11.4	1.016	0.128	0.0963	
120 minute winter	J9	1.009	J10	12.1	1.068	0.362	0.0138	
120 minute winter	J10	1.010	J11	12.9	1.302	0.100	0.0244	
120 minute winter	J11	1.011	S2	13.7	0.715	0.212	0.1036	
120 minute winter	J12	1.013	J13	21.1	1.384	0.316	0.0989	
120 minute winter	J13	1.014	J14	21.5	0.624	0.379	0.0652	
120 minute winter	J14	1.015	J15	22.1	0.732	0.393	0.0580	
120 minute winter	J15	1.016	J16	22.8	0.959	0.428	0.1221	
120 minute winter	J16	1.017	J17	23.5	1.327	0.165	0.0595	
120 minute winter	J17	1.018	S3	24.1	1.096	0.078	0.0421	
120 minute winter	J18	1.020	J19	28.3	0.977	0.099	0.0433	
120 minute winter	J19	1.021	S4	29.0	0.878	0.527	0.1455	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J20	136	186.137	0.106	4.7	0.1193	0.0000	OK
120 minute winter	J21	136	186.137	0.128	5.5	0.1442	0.0000	OK
120 minute winter	J22	136	186.137	0.173	6.3	0.1962	0.0000	SURCHARGED
120 minute winter	J23	136	186.136	0.194	6.6	0.2199	0.0000	SURCHARGED
120 minute winter	J24	136	186.136	0.319	11.0	0.3611	0.0000	SURCHARGED
120 minute winter	J25	136	186.136	0.340	11.8	0.3848	0.0000	SURCHARGED
120 minute winter	J26	136	186.136	0.357	12.6	0.4040	0.0000	SURCHARGED
120 minute winter	J27	136	186.136	0.400	17.1	0.4526	0.0000	SURCHARGED
120 minute winter	J28	64	186.423	0.066	4.2	0.0752	0.0000	OK
120 minute winter	J29	66	186.347	0.076	4.9	0.0864	0.0000	OK
120 minute winter	J30	66	186.253	0.106	10.0	0.1203	0.0000	OK
120 minute winter	J31	66	186.143	0.099	10.8	0.1120	0.0000	OK
120 minute winter	J32	66	186.102	0.091	11.6	0.1033	0.0000	OK
120 minute winter	J33	66	185.594	0.059	15.9	0.0670	0.0000	OK
120 minute winter	J34	66	185.243	0.118	20.2	0.1334	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J20	23.002	J21	4.7	0.570	0.351	0.0551	
120 minute winter	J21	23.003	J22	5.5	0.597	0.411	0.1345	
120 minute winter	J22	23.004	J23	6.3	0.644	0.466	0.0633	
120 minute winter	J23	23.005	S18	6.6	0.727	0.495	0.1321	
120 minute winter	J24	23.007	J25	11.0	0.506	0.365	0.2458	
120 minute winter	J25	23.008	J26	11.8	0.506	0.390	0.1975	
120 minute winter	J26	23.009	S19	12.6	0.525	0.411	0.1474	
120 minute winter	J27	23.011	S4	17.1	0.812	0.572	0.0951	
120 minute winter	J28	32.001	J29	4.2	0.710	0.715	0.0526	
120 minute winter	J29	32.002	S12	4.9	0.800	0.821	0.0283	
120 minute winter	J30	32.004	J31	10.0	0.805	0.752	0.0615	
120 minute winter	J31	32.005	J32	10.8	0.674	0.358	0.1556	
120 minute winter	J32	32.006	S13	11.6	0.964	0.384	0.0639	
120 minute winter	J33	32.008	S14	15.9	1.104	0.153	0.1324	
120 minute winter	J34	32.010	J35	20.2	1.196	0.524	0.1528	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J35	66	185.156	0.081	20.9	0.0913	0.0000	OK
120 minute winter	J36	66	185.000	0.125	21.6	0.1410	0.0000	OK
120 minute winter	J37	66	184.627	0.127	26.4	0.1438	0.0000	OK
120 minute winter	J38	66	184.475	0.175	31.2	0.1977	0.0000	OK
120 minute winter	J39	66	184.432	0.158	32.0	0.1792	0.0000	OK
120 minute winter	J40	66	184.396	0.131	33.0	0.1481	0.0000	OK
120 minute winter	J41	84	184.622	0.025	0.8	0.0283	0.0000	OK
120 minute winter	J42	82	184.574	0.037	1.6	0.0418	0.0000	OK
120 minute winter	J43	66	184.463	0.083	5.6	0.0933	0.0000	OK
120 minute winter	J44	66	184.448	0.078	6.2	0.0882	0.0000	OK
120 minute winter	J45	66	184.405	0.085	6.9	0.0966	0.0000	OK
120 minute winter	J46	66	184.364	0.142	10.7	0.1605	0.0000	OK
120 minute winter	J47	66	184.358	0.151	11.4	0.1709	0.0000	OK
120 minute winter	J48	66	184.344	0.150	15.3	0.1694	0.0000	OK
120 minute winter	J49	68	184.330	0.161	16.1	0.1817	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J35	32.011	J36	20.9	1.184	0.234	0.1215	
120 minute winter	J36	32.012	S15	21.6	1.166	0.722	0.0440	
120 minute winter	J37	32.014	S16	26.4	1.200	0.479	0.1150	
120 minute winter	J38	32.016	J39	31.2	0.778	0.578	0.4344	
120 minute winter	J39	32.017	J40	32.0	0.953	0.586	0.1229	
120 minute winter	J40	32.018	S10	33.1	1.199	0.332	0.2639	
120 minute winter	J41	48.002	J42	0.8	0.449	0.137	0.0129	
120 minute winter	J42	48.003	S21	1.6	0.627	0.273	0.0210	
120 minute winter	J43	48.005	J44	5.6	0.582	0.398	0.0154	
120 minute winter	J44	48.006	J45	6.2	0.635	0.466	0.0860	
120 minute winter	J45	48.007	S22	6.9	0.718	0.508	0.0229	
120 minute winter	J46	48.009	J47	10.7	0.394	0.348	0.1153	
120 minute winter	J47	48.010	S23	11.4	0.396	0.377	0.0758	
120 minute winter	J48	48.012	J49	15.3	0.526	0.512	0.2174	
120 minute winter	J49	48.013	J50	16.1	0.542	0.525	0.0337	

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J50	68	184.320	0.154	16.9	0.1747	0.0000	OK
120 minute winter	J51	68	184.304	0.156	17.5	0.1760	0.0000	OK
120 minute winter	J52	68	184.289	0.145	18.3	0.1638	0.0000	OK
120 minute winter	J53	68	184.262	0.135	19.0	0.1524	0.0000	OK
120 minute winter	J54	64	185.199	0.070	4.3	0.0789	0.0000	OK
120 minute winter	J55	66	185.158	0.064	5.0	0.0721	0.0000	OK
120 minute winter	J56	68	184.184	0.177	27.9	0.1999	0.0000	OK
120 minute winter	J57	68	184.159	0.174	28.6	0.1967	0.0000	OK
120 minute winter	BASIN 1	136	186.136	1.211	49.1	155.0011	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.847	0.547	4.0	55.3557	0.0000	OK
120 minute winter	BASIN 3	360	183.022	-0.078	43.3	157.2830	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J50	48.014	J51	16.9	0.579	0.564	0.1480	
120 minute winter	J51	48.015	J52	17.5	0.623	0.572	0.0319	
120 minute winter	J52	48.016	J53	18.3	0.708	0.601	0.1263	
120 minute winter	J53	48.017	S24	19.0	0.845	0.631	0.2309	
120 minute winter	J54	65.002	J55	4.2	0.766	0.717	0.0202	
120 minute winter	J55	65.003	S24	5.0	0.995	0.661	0.0397	
120 minute winter	J56	48.019	J57	27.9	0.653	0.515	0.3885	
120 minute winter	J57	48.020	S25	28.6	0.704	0.524	0.2486	
120 minute winter	BASIN 1	1.023	S5	3.8	0.276	0.046	0.9418	
120 minute winter	BASIN 1	Infiltration		0.1				2.1
120 minute winter	BASIN 2	1.027	S7	3.3	0.546	0.040	0.1343	
120 minute winter	BASIN 2	71.000	BH1	2.0	0.618	0.341	0.1829	
120 minute winter	BASIN 2	Infiltration		0.0				0.0
120 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	BASIN 4	194	183.772	0.442	35.9	130.4561	0.0000	SURCHARGED
120 minute winter	SWALE 1	136	184.929	0.055	3.8	0.0790	0.0000	OK
120 minute winter	SWALE 2	360	184.426	0.051	3.3	0.0726	0.0000	OK
120 minute winter	SWALE 3	66	184.140	0.145	37.7	0.2068	0.0000	OK
120 minute winter	BH1	360	184.847	0.770	2.0	3.0355	0.0000	OK
120 minute winter	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute winter	BH3	194	183.772	0.453	3.2	3.7174	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	BASIN 4	48.022	BH3	3.2	0.618	0.058	0.3211	
120 minute winter	BASIN 4	Infiltration		0.0				0.0
120 minute winter	SWALE 1	1.025	S6	3.8	0.390	0.046	0.3671	
120 minute winter	SWALE 2	1.029	S8	3.3	0.523	0.040	0.1653	
120 minute winter	SWALE 3	1.033	BASIN 3	37.7	0.990	0.302	1.6464	
120 minute winter	BH1	Infiltration		0.1				1.7
120 minute winter	BH2	Infiltration		0.0				0.0
120 minute winter	BH3	Infiltration		0.2				3.5

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.411	0.040	3.0	0.0595	0.0000	OK
180 minute summer	S2	96	187.184	0.145	21.3	0.2503	0.0000	OK
180 minute summer	S3	96	186.275	0.138	28.5	0.1839	0.0000	OK
180 minute summer	S4	188	186.210	0.832	50.6	1.0669	0.0000	SURCHARGED
180 minute summer	S5	188	186.209	1.299	3.9	1.8591	0.0000	SURCHARGED
180 minute summer	S6	352	184.863	0.055	3.9	0.0781	0.0000	OK
180 minute summer	S7	372	184.787	0.028	3.5	0.0403	0.0000	OK
180 minute summer	S8	372	184.360	0.030	3.5	0.0432	0.0000	OK
180 minute summer	S9	96	184.225	0.100	3.5	0.1436	0.0000	OK
180 minute summer	S10	96	184.225	0.112	40.3	0.2045	0.0000	OK
180 minute summer	S11	96	186.467	0.067	3.9	0.1050	0.0000	OK
180 minute summer	S12	96	186.290	0.114	9.9	0.1681	0.0000	OK
180 minute summer	S13	96	186.058	0.065	16.0	0.0969	0.0000	OK
180 minute summer	S14	96	185.297	0.122	21.3	0.1924	0.0000	OK
180 minute summer	S15	96	184.960	0.093	27.4	0.1456	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S1	1.000	J1	3.0	0.632	0.344	0.0390	
180 minute summer	S2	1.012	J12	21.3	0.874	0.715	0.0364	
180 minute summer	S3	1.019	J18	28.4	1.062	0.534	0.1377	
180 minute summer	S4	1.022	BASIN 1	49.4	1.126	0.295	1.1778	
180 minute summer	S5	1.024	SWALE 1	3.9	0.382	0.047	0.2079	
180 minute summer	S6	1.026	BASIN 2	3.9	0.471	0.045	0.0545	
180 minute summer	S7	1.028	SWALE 2	3.5	0.554	0.011	0.1086	
180 minute summer	S8	1.030	S9	3.5	0.584	0.013	0.1421	
180 minute summer	S9	1.031	S10	3.5	0.619	0.042	0.1716	
180 minute summer	S10	1.032	SWALE 3	40.3	1.176	0.122	0.1497	
180 minute summer	S11	32.000	J28	3.9	0.688	0.656	0.0259	
180 minute summer	S12	32.003	J30	9.8	0.696	0.737	0.0719	
180 minute summer	S13	32.007	J33	16.0	1.770	0.164	0.1177	
180 minute summer	S14	32.009	J34	21.3	0.965	0.419	0.1155	
180 minute summer	S15	32.013	J37	27.4	1.904	0.297	0.1344	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.575	0.088	32.7	0.1346	0.0000	OK
180 minute summer	S17	96	186.219	0.069	4.4	0.1100	0.0000	OK
180 minute summer	S18	184	186.210	0.386	11.0	0.5705	0.0000	SURCHARGED
180 minute summer	S19	184	186.210	0.444	17.2	0.6402	0.0000	SURCHARGED
180 minute summer	S20	116	184.668	0.026	0.8	0.0294	0.0000	OK
180 minute summer	S21	96	184.483	0.074	5.0	0.0982	0.0000	OK
180 minute summer	S22	96	184.373	0.142	10.5	0.1836	0.0000	OK
180 minute summer	S23	96	184.356	0.158	15.2	0.2037	0.0000	OK
180 minute summer	S24	96	184.204	0.187	28.4	0.2459	0.0000	OK
180 minute summer	S25	96	184.135	0.165	32.3	0.2282	0.0000	OK
180 minute summer	S26	96	185.419	0.042	3.9	0.0624	0.0000	OK
180 minute summer	FC1	108	188.888	0.638	1.4	1.0360	0.0000	SURCHARGED
180 minute summer	FC2	108	188.787	0.637	1.4	1.0364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S16	32.015	J38	32.7	1.060	0.103	0.0716	
180 minute summer	S17	23.001	J20	4.4	0.797	0.745	0.0455	
180 minute summer	S18	23.006	J24	11.0	0.501	0.343	0.0729	
180 minute summer	S19	23.010	J27	17.2	0.699	0.573	0.3541	
180 minute summer	S20	48.001	J41	0.8	0.518	0.136	0.0073	
180 minute summer	S21	48.004	J43	5.0	0.535	0.377	0.0482	
180 minute summer	S22	48.008	J46	10.5	0.404	0.334	0.0650	
180 minute summer	S23	48.011	J48	15.1	0.518	0.490	0.0329	
180 minute summer	S24	48.018	J56	28.4	0.629	0.530	0.1913	
180 minute summer	S25	48.021	BASIN 4	32.3	0.905	0.605	0.1371	
180 minute summer	S26	65.001	J54	3.8	0.840	0.371	0.0393	
180 minute summer	FC1	2.000	J1	0.8	0.382	0.128	0.0198	
180 minute summer	FC1	Infiltration		0.0				0.0
180 minute summer	FC2	3.000	J2	0.8	0.513	0.133	0.0115	
180 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC3	112	188.863	0.663	2.0	1.9386	0.0000	SURCHARGED
180 minute summer	FC4	104	188.721	0.521	1.1	0.6516	0.0000	SURCHARGED
180 minute summer	FC5	108	188.636	0.635	1.4	1.0377	0.0000	SURCHARGED
180 minute summer	FC6	104	188.370	0.520	1.1	0.6500	0.0000	SURCHARGED
180 minute summer	FC7	104	188.271	0.521	1.1	0.6521	0.0000	SURCHARGED
180 minute summer	FC8	108	188.386	0.636	1.4	1.0301	0.0000	SURCHARGED
180 minute summer	FC9	104	187.993	0.523	1.1	0.6540	0.0000	SURCHARGED
180 minute summer	FC10	112	188.141	0.671	2.0	1.9331	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC3	4.000	J3	0.8	0.542	0.129	0.0180	
180 minute summer	FC3	Infiltration		0.0				0.0
180 minute summer	FC4	5.000	J4	0.7	0.591	0.096	0.0089	
180 minute summer	FC4	Infiltration		0.0				0.0
180 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
180 minute summer	FC5	Infiltration		0.0				0.0
180 minute summer	FC6	7.000	J6	0.7	0.657	0.082	0.0101	
180 minute summer	FC6	Infiltration		0.0				0.0
180 minute summer	FC7	8.000	J7	0.7	0.572	0.101	0.0091	
180 minute summer	FC7	Infiltration		0.0				0.0
180 minute summer	FC8	9.000	J8	0.8	0.720	0.083	0.0046	
180 minute summer	FC8	Infiltration		0.0				0.0
180 minute summer	FC9	10.000	J9	0.7	0.504	0.120	0.0102	
180 minute summer	FC9	Infiltration		0.0				0.0
180 minute summer	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC11	108	187.958	0.638	1.4	1.0364	0.0000	SURCHARGED
180 minute summer	FC12	108	187.868	0.638	1.4	1.0364	0.0000	SURCHARGED
180 minute summer	FC13	108	187.638	0.638	1.4	1.0365	0.0000	SURCHARGED
180 minute summer	FC14	120	187.076	0.176	1.4	2.2448	0.0000	SURCHARGED
180 minute summer	FC15	104	187.716	0.516	1.1	0.6456	0.0000	SURCHARGED
180 minute summer	FC16	104	187.422	0.522	1.1	0.6533	0.0000	SURCHARGED
180 minute summer	FC17	104	187.518	0.518	1.1	0.6476	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC10	Infiltration		0.0				0.0
180 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0119	
180 minute summer	FC11	Infiltration		0.0				0.0
180 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0106	
180 minute summer	FC12	Infiltration		0.0				0.0
180 minute summer	FC13	14.000	J12	0.8	0.517	0.133	0.0105	
180 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.4	0.427	0.068	0.0071	
180 minute summer	FC14	Infiltration		0.0				0.0
180 minute summer	FC15	16.000	J14	0.7	1.067	0.041	0.0031	
180 minute summer	FC15	Infiltration		0.0				0.0
180 minute summer	FC16	17.000	J15	0.7	0.526	0.113	0.0103	
180 minute summer	FC16	Infiltration		0.0				0.0
180 minute summer	FC17	18.000	J16	0.7	0.834	0.058	0.0041	
180 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC18	104	187.073	0.523	1.1	0.6541	0.0000	SURCHARGED
180 minute summer	FC19	108	187.038	0.638	1.4	1.0366	0.0000	SURCHARGED
180 minute summer	FC20	108	187.585	0.635	1.4	1.0248	0.0000	SURCHARGED
180 minute summer	FC21	108	186.936	0.636	1.4	1.0370	0.0000	SURCHARGED
180 minute summer	FC22	116	186.604	0.154	1.1	1.4891	0.0000	SURCHARGED
180 minute summer	FC23	104	186.817	0.517	1.1	0.6469	0.0000	SURCHARGED
180 minute summer	FC24	108	186.936	0.636	1.4	1.0256	0.0000	SURCHARGED
180 minute summer	FC25	108	187.186	0.636	1.4	1.0248	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC18	19.000	J17	0.7	0.501	0.121	0.0100	
180 minute summer	FC18	Infiltration		0.0				0.0
180 minute summer	FC19	20.000	S3	0.8	0.515	0.134	0.0102	
180 minute summer	FC19	Infiltration		0.0				0.0
180 minute summer	FC20	21.000	J18	0.8	1.041	0.050	0.0033	
180 minute summer	FC20	Infiltration		0.0				0.0
180 minute summer	FC21	22.000	J19	0.8	0.516	0.134	0.0117	
180 minute summer	FC21	Infiltration		0.0				0.0
180 minute summer	FC22	23.000	S17	0.4	0.360	0.025	0.0148	
180 minute summer	FC22	Infiltration		0.0				0.0
180 minute summer	FC23	24.000	J20	0.7	0.884	0.054	0.0184	
180 minute summer	FC23	Infiltration		0.0				0.0
180 minute summer	FC24	25.000	J21	0.8	0.939	0.057	0.0192	
180 minute summer	FC24	Infiltration		0.0				0.0
180 minute summer	FC25	26.000	J22	0.8	1.033	0.050	0.0036	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC26	116	186.600	0.150	1.1	1.5088	0.0000	SURCHARGED
180 minute summer	FC27	104	187.015	0.515	1.1	0.6448	0.0000	SURCHARGED
180 minute summer	FC28	108	187.135	0.635	1.4	1.0249	0.0000	SURCHARGED
180 minute summer	FC29	108	187.134	0.634	1.4	1.0257	0.0000	SURCHARGED
180 minute summer	FC30	108	187.385	0.635	1.4	1.0257	0.0000	SURCHARGED
180 minute summer	FC31	104	186.969	0.519	1.1	0.6495	0.0000	SURCHARGED
180 minute summer	FC32	104	186.967	0.517	1.1	0.6471	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC25	Infiltration		0.0				0.0
180 minute summer	FC26	27.000	J23	0.4	0.732	0.028	0.0024	
180 minute summer	FC26	Infiltration		0.0				0.0
180 minute summer	FC27	28.000	J24	0.7	1.242	0.033	0.0185	
180 minute summer	FC27	Infiltration		0.0				0.0
180 minute summer	FC28	29.000	J25	0.8	1.039	0.050	0.0033	
180 minute summer	FC28	Infiltration		0.0				0.0
180 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037	
180 minute summer	FC29	Infiltration		0.0				0.0
180 minute summer	FC30	31.000	J27	0.8	0.969	0.055	0.0036	
180 minute summer	FC30	Infiltration		0.0				0.0
180 minute summer	FC31	33.000	J28	0.7	0.348	0.079	0.0146	
180 minute summer	FC31	Infiltration		0.0				0.0
180 minute summer	FC32	34.000	J29	0.7	0.295	0.057	0.0157	
180 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC33	108	187.087	0.636	1.4	1.0250	0.0000	SURCHARGED
180 minute summer	FC34	108	187.087	0.637	1.4	1.0362	0.0000	SURCHARGED
180 minute summer	FC35	108	187.085	0.635	1.4	1.0258	0.0000	SURCHARGED
180 minute summer	FC36	108	187.083	0.633	1.4	1.0260	0.0000	SURCHARGED
180 minute summer	FC37	112	186.477	0.677	2.0	1.9237	0.0000	SURCHARGED
180 minute summer	FC38	116	185.583	0.133	1.1	1.5904	0.0000	SURCHARGED
180 minute summer	FC39	104	185.967	0.517	1.1	0.6466	0.0000	SURCHARGED
180 minute summer	FC40	108	186.092	0.592	1.4	1.0461	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC33	35.000	S12	0.8	0.947	0.056	0.0125	
180 minute summer	FC33	Infiltration		0.0				0.0
180 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0071	
180 minute summer	FC34	Infiltration		0.0				0.0
180 minute summer	FC35	37.000	J31	0.8	0.959	0.056	0.0043	
180 minute summer	FC35	Infiltration		0.0				0.0
180 minute summer	FC36	38.000	J32	0.8	1.006	0.052	0.0040	
180 minute summer	FC36	Infiltration		0.0				0.0
180 minute summer	FC37	39.000	J33	0.8	0.694	0.092	0.0078	
180 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.4	0.689	0.028	0.0024	
180 minute summer	FC38	Infiltration		0.0				0.0
180 minute summer	FC39	41.000	J35	0.7	0.939	0.049	0.0034	
180 minute summer	FC39	Infiltration		0.0				0.0
180 minute summer	FC40	42.000	J36	0.8	1.171	0.040	0.0033	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC41	108	185.484	0.634	1.4	1.0294	0.0000	SURCHARGED
180 minute summer	FC42	108	185.235	0.635	1.4	1.0319	0.0000	SURCHARGED
180 minute summer	FC43	108	185.224	0.624	1.4	1.0331	0.0000	SURCHARGED
180 minute summer	FC44	96	184.623	0.023	1.1	0.0284	0.0000	OK
180 minute summer	FC45	104	185.117	0.517	1.1	0.6472	0.0000	SURCHARGED
180 minute summer	FC46	112	185.371	0.671	2.0	1.9356	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	108	185.436	0.636	1.4	1.0255	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC40	Infiltration		0.0				0.0
180 minute summer	FC41	43.000	J37	0.8	0.771	0.076	0.0052	
180 minute summer	FC41	Infiltration		0.0				0.0
180 minute summer	FC42	44.000	J38	0.8	0.671	0.092	0.0058	
180 minute summer	FC42	Infiltration		0.0				0.0
180 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
180 minute summer	FC43	Infiltration		0.0				0.0
180 minute summer	FC44	46.000	J40	1.1	0.852	0.103	0.0057	
180 minute summer	FC44	Infiltration		0.0				0.0
180 minute summer	FC45	47.000	S10	0.7	0.872	0.055	0.0038	
180 minute summer	FC45	Infiltration		0.0				0.0
180 minute summer	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
180 minute summer	FC46	Infiltration		0.0				0.0
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
180 minute summer	FC48	50.000	J42	0.8	0.478	0.057	0.0086	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC49	108	185.437	0.637	1.4	1.0373	0.0000	SURCHARGED
180 minute summer	FC50	108	185.437	0.637	1.4	1.0372	0.0000	SURCHARGED
180 minute summer	FC51	108	185.485	0.635	1.4	1.0376	0.0000	SURCHARGED
180 minute summer	FC52	108	185.882	0.632	1.4	1.0307	0.0000	SURCHARGED
180 minute summer	FC53	108	185.886	0.636	1.4	1.0305	0.0000	SURCHARGED
180 minute summer	FC54	104	185.769	0.518	1.1	0.6486	0.0000	SURCHARGED
180 minute summer	FC55	104	185.767	0.517	1.1	0.6464	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC48	Infiltration		0.0				0.0
180 minute summer	FC49	51.000	S21	0.8	0.512	0.133	0.0067	
180 minute summer	FC49	Infiltration		0.0				0.0
180 minute summer	FC50	52.000	J43	0.8	0.512	0.134	0.0072	
180 minute summer	FC50	Infiltration		0.0				0.0
180 minute summer	FC51	55.000	S22	0.8	0.515	0.133	0.0094	
180 minute summer	FC51	Infiltration		0.0				0.0
180 minute summer	FC52	58.000	S23	0.8	0.750	0.078	0.0058	
180 minute summer	FC52	Infiltration		0.0				0.0
180 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048	
180 minute summer	FC53	Infiltration		0.0				0.0
180 minute summer	FC54	62.000	J51	0.7	0.759	0.066	0.0038	
180 minute summer	FC54	Infiltration		0.0				0.0
180 minute summer	FC55	64.000	J53	0.7	0.959	0.048	0.0031	
180 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC56	104	185.867	0.516	1.1	0.6461	0.0000	SURCHARGED
180 minute summer	FC57	104	185.867	0.517	1.1	0.6466	0.0000	SURCHARGED
180 minute summer	FC58	104	185.867	0.517	1.1	0.6470	0.0000	SURCHARGED
180 minute summer	FC59	104	185.868	0.518	1.1	0.6477	0.0000	SURCHARGED
180 minute summer	FC60	108	185.986	0.636	1.4	1.0273	0.0000	SURCHARGED
180 minute summer	FC61	108	185.936	0.636	1.4	1.0310	0.0000	SURCHARGED
180 minute summer	FC62	112	185.918	0.668	2.0	1.9320	0.0000	SURCHARGED
180 minute summer	FC63	104	185.923	0.523	1.1	0.6538	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC56	53.000	J44	0.7	0.991	0.046	0.0048	
180 minute summer	FC56	Infiltration		0.0				0.0
180 minute summer	FC57	54.000	J45	0.7	0.930	0.051	0.0050	
180 minute summer	FC57	Infiltration		0.0				0.0
180 minute summer	FC58	56.000	J46	0.7	0.893	0.053	0.0050	
180 minute summer	FC58	Infiltration		0.0				0.0
180 minute summer	FC59	57.000	J47	0.7	0.827	0.059	0.0055	
180 minute summer	FC59	Infiltration		0.0				0.0
180 minute summer	FC60	59.000	J48	0.8	0.844	0.067	0.0062	
180 minute summer	FC60	Infiltration		0.0				0.0
180 minute summer	FC61	60.000	J49	0.8	0.676	0.092	0.0087	
180 minute summer	FC61	Infiltration		0.0				0.0
180 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0122	
180 minute summer	FC62	Infiltration		0.0				0.0
180 minute summer	FC63	65.000	S26	0.7	0.413	0.120	0.0053	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC64	104	185.689	0.539	1.1	0.6738	0.0000	SURCHARGED
180 minute summer	FC65	108	185.787	0.637	1.4	1.0288	0.0000	SURCHARGED
180 minute summer	FC66	108	185.637	0.637	1.4	1.0347	0.0000	SURCHARGED
180 minute summer	FC67	116	184.949	0.149	1.1	1.5354	0.0000	SURCHARGED
180 minute summer	FC68	104	185.070	0.520	1.1	0.6505	0.0000	SURCHARGED
180 minute summer	J1	96	188.278	0.078	6.8	0.1145	0.0000	OK
180 minute summer	J2	96	188.153	0.097	7.5	0.1094	0.0000	OK
180 minute summer	J3	96	188.135	0.085	8.3	0.0956	0.0000	OK
180 minute summer	J4	96	188.099	0.060	9.0	0.0680	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC63	Infiltration		0.0				0.0
180 minute summer	FC64	66.000	J54	0.7	0.266	0.124	0.0112	
180 minute summer	FC64	Infiltration		0.0				0.0
180 minute summer	FC65	67.000	J55	0.8	0.373	0.082	0.0071	
180 minute summer	FC65	Infiltration		0.0				0.0
180 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
180 minute summer	FC66	Infiltration		0.0				0.0
180 minute summer	FC67	69.000	J56	0.4	0.404	0.062	0.0019	
180 minute summer	FC67	Infiltration		0.0				0.0
180 minute summer	FC68	70.000	J57	0.7	0.656	0.080	0.0025	
180 minute summer	FC68	Infiltration		0.0				0.0
180 minute summer	J1	1.001	J2	6.8	1.101	0.816	0.0308	
180 minute summer	J2	1.002	J3	7.5	0.678	0.561	0.0115	
180 minute summer	J3	1.003	J4	8.3	0.991	0.627	0.0164	
180 minute summer	J4	1.004	J5	9.0	1.470	0.263	0.0216	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J5	96	187.964	0.053	9.8	0.0605	0.0000	OK
180 minute summer	J6	96	187.728	0.078	10.4	0.0877	0.0000	OK
180 minute summer	J7	96	187.614	0.089	11.0	0.1008	0.0000	OK
180 minute summer	J8	96	187.576	0.055	11.6	0.0625	0.0000	OK
180 minute summer	J9	96	187.368	0.093	12.4	0.1050	0.0000	OK
180 minute summer	J10	96	187.326	0.056	13.3	0.0632	0.0000	OK
180 minute summer	J11	96	187.201	0.080	14.0	0.0909	0.0000	OK
180 minute summer	J12	96	186.910	0.101	22.1	0.1138	0.0000	OK
180 minute summer	J13	96	186.783	0.156	22.4	0.1767	0.0000	OK
180 minute summer	J14	96	186.767	0.145	23.1	0.1641	0.0000	OK
180 minute summer	J15	96	186.745	0.127	23.7	0.1442	0.0000	OK
180 minute summer	J16	96	186.705	0.100	24.3	0.1129	0.0000	OK
180 minute summer	J17	96	186.360	0.077	24.9	0.0869	0.0000	OK
180 minute summer	J18	96	186.230	0.105	29.2	0.1187	0.0000	OK
180 minute summer	J19	184	186.224	0.197	30.0	0.2228	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J5	1.005	J6	9.7	1.319	0.255	0.0420	
180 minute summer	J6	1.006	J7	10.4	1.286	0.365	0.0159	
180 minute summer	J7	1.007	J8	10.8	0.989	0.352	0.0125	
180 minute summer	J8	1.008	J9	11.8	1.038	0.133	0.0973	
180 minute summer	J9	1.009	J10	12.5	1.093	0.374	0.0139	
180 minute summer	J10	1.010	J11	13.2	1.307	0.102	0.0249	
180 minute summer	J11	1.011	S2	14.0	0.716	0.217	0.1065	
180 minute summer	J12	1.013	J13	22.1	1.399	0.330	0.1023	
180 minute summer	J13	1.014	J14	22.4	0.634	0.396	0.0671	
180 minute summer	J14	1.015	J15	23.1	0.742	0.409	0.0596	
180 minute summer	J15	1.016	J16	23.7	0.969	0.444	0.1256	
180 minute summer	J16	1.017	J17	24.3	1.338	0.171	0.0611	
180 minute summer	J17	1.018	S3	24.9	1.101	0.080	0.0433	
180 minute summer	J18	1.020	J19	29.2	0.984	0.102	0.0446	
180 minute summer	J19	1.021	S4	29.9	0.886	0.542	0.2124	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J20	188	186.210	0.179	5.1	0.2020	0.0000	SURCHARGED
180 minute summer	J21	188	186.210	0.201	5.8	0.2268	0.0000	SURCHARGED
180 minute summer	J22	184	186.210	0.247	6.6	0.2789	0.0000	SURCHARGED
180 minute summer	J23	188	186.210	0.268	6.9	0.3026	0.0000	SURCHARGED
180 minute summer	J24	188	186.209	0.392	11.6	0.4438	0.0000	SURCHARGED
180 minute summer	J25	188	186.211	0.415	12.4	0.4693	0.0000	SURCHARGED
180 minute summer	J26	192	186.213	0.434	13.1	0.4904	0.0000	SURCHARGED
180 minute summer	J27	180	186.219	0.483	17.9	0.5467	0.0000	SURCHARGED
180 minute summer	J28	96	186.426	0.070	4.6	0.0794	0.0000	OK
180 minute summer	J29	96	186.352	0.081	5.2	0.0917	0.0000	OK
180 minute summer	J30	96	186.258	0.111	10.6	0.1256	0.0000	OK
180 minute summer	J31	96	186.146	0.102	11.4	0.1156	0.0000	OK
180 minute summer	J32	96	186.105	0.094	12.2	0.1061	0.0000	OK
180 minute summer	J33	96	185.596	0.061	16.8	0.0689	0.0000	OK
180 minute summer	J34	96	185.248	0.123	21.6	0.1386	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J20	23.002	J21	5.1	0.578	0.375	0.0665	
180 minute summer	J21	23.003	J22	5.8	0.605	0.436	0.1411	
180 minute summer	J22	23.004	J23	6.6	0.651	0.488	0.0633	
180 minute summer	J23	23.005	S18	6.9	0.734	0.515	0.1321	
180 minute summer	J24	23.007	J25	11.6	0.510	0.385	0.2458	
180 minute summer	J25	23.008	J26	12.3	0.509	0.409	0.1975	
180 minute summer	J26	23.009	S19	13.1	0.529	0.428	0.1474	
180 minute summer	J27	23.011	S4	17.9	0.825	0.600	0.0951	
180 minute summer	J28	32.001	J29	4.5	0.720	0.768	0.0559	
180 minute summer	J29	32.002	S12	5.2	0.805	0.873	0.0299	
180 minute summer	J30	32.004	J31	10.6	0.821	0.800	0.0642	
180 minute summer	J31	32.005	J32	11.4	0.685	0.378	0.1617	
180 minute summer	J32	32.006	S13	12.1	0.972	0.403	0.0665	
180 minute summer	J33	32.008	S14	16.8	1.109	0.162	0.1392	
180 minute summer	J34	32.010	J35	21.6	1.213	0.559	0.1606	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J35	96	185.159	0.084	22.2	0.0951	0.0000	OK
180 minute summer	J36	96	185.004	0.129	22.9	0.1459	0.0000	OK
180 minute summer	J37	96	184.632	0.132	28.2	0.1492	0.0000	OK
180 minute summer	J38	96	184.482	0.182	33.4	0.2059	0.0000	OK
180 minute summer	J39	96	184.439	0.165	34.2	0.1861	0.0000	OK
180 minute summer	J40	96	184.401	0.136	35.2	0.1537	0.0000	OK
180 minute summer	J41	116	184.622	0.025	0.8	0.0283	0.0000	OK
180 minute summer	J42	112	184.574	0.037	1.6	0.0418	0.0000	OK
180 minute summer	J43	96	184.465	0.085	5.8	0.0956	0.0000	OK
180 minute summer	J44	96	184.450	0.080	6.4	0.0901	0.0000	OK
180 minute summer	J45	96	184.407	0.087	7.1	0.0981	0.0000	OK
180 minute summer	J46	96	184.367	0.145	11.1	0.1645	0.0000	OK
180 minute summer	J47	96	184.362	0.155	11.7	0.1748	0.0000	OK
180 minute summer	J48	96	184.347	0.153	15.9	0.1729	0.0000	OK
180 minute summer	J49	96	184.332	0.163	16.6	0.1846	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J35	32.011	J36	22.2	1.200	0.249	0.1273	
180 minute summer	J36	32.012	S15	22.9	1.178	0.764	0.0461	
180 minute summer	J37	32.014	S16	28.2	1.203	0.510	0.1221	
180 minute summer	J38	32.016	J39	33.4	0.792	0.618	0.4560	
180 minute summer	J39	32.017	J40	34.1	0.967	0.624	0.1290	
180 minute summer	J40	32.018	S10	35.2	1.217	0.353	0.2767	
180 minute summer	J41	48.002	J42	0.8	0.443	0.137	0.0129	
180 minute summer	J42	48.003	S21	1.6	0.627	0.273	0.0210	
180 minute summer	J43	48.005	J44	5.8	0.587	0.415	0.0158	
180 minute summer	J44	48.006	J45	6.4	0.641	0.481	0.0880	
180 minute summer	J45	48.007	S22	7.1	0.721	0.520	0.0233	
180 minute summer	J46	48.009	J47	11.1	0.397	0.360	0.1184	
180 minute summer	J47	48.010	S23	11.7	0.397	0.388	0.0777	
180 minute summer	J48	48.012	J49	15.8	0.532	0.530	0.2219	
180 minute summer	J49	48.013	J50	16.6	0.549	0.540	0.0343	

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J50	100	184.322	0.157	17.3	0.1774	0.0000	OK
180 minute summer	J51	100	184.306	0.158	17.9	0.1786	0.0000	OK
180 minute summer	J52	100	184.291	0.147	18.7	0.1662	0.0000	OK
180 minute summer	J53	100	184.264	0.137	19.5	0.1546	0.0000	OK
180 minute summer	J54	96	185.202	0.073	4.5	0.0821	0.0000	OK
180 minute summer	J55	96	185.160	0.066	5.2	0.0742	0.0000	OK
180 minute summer	J56	96	184.186	0.179	28.7	0.2029	0.0000	OK
180 minute summer	J57	96	184.161	0.176	29.2	0.1994	0.0000	OK
180 minute summer	BASIN 1	188	186.209	1.284	51.4	167.1920	0.0000	SURCHARGED
180 minute summer	BASIN 2	372	184.849	0.549	4.1	55.5211	0.0000	OK
180 minute summer	BASIN 3	420	183.094	-0.006	46.2	185.8310	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J50	48.014	J51	17.3	0.585	0.579	0.1505	
180 minute summer	J51	48.015	J52	17.9	0.628	0.585	0.0325	
180 minute summer	J52	48.016	J53	18.7	0.713	0.615	0.1285	
180 minute summer	J53	48.017	S24	19.5	0.851	0.646	0.2348	
180 minute summer	J54	65.002	J55	4.5	0.774	0.755	0.0210	
180 minute summer	J55	65.003	S24	5.2	1.002	0.687	0.0410	
180 minute summer	J56	48.019	J57	28.6	0.657	0.527	0.3952	
180 minute summer	J57	48.020	S25	29.2	0.710	0.535	0.2530	
180 minute summer	BASIN 1	1.023	S5	3.9	0.233	0.047	0.9418	
180 minute summer	BASIN 1	Infiltration		0.1				2.5
180 minute summer	BASIN 2	1.027	S7	3.5	0.558	0.042	0.1400	
180 minute summer	BASIN 2	71.000	BH1	1.4	0.582	0.244	0.1829	
180 minute summer	BASIN 2	Infiltration		0.0				0.0
180 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	BASIN 4	236	183.817	0.487	37.3	144.8554	0.0000	SURCHARGED
180 minute summer	SWALE 1	188	184.930	0.056	3.9	0.0802	0.0000	OK
180 minute summer	SWALE 2	372	184.427	0.052	3.5	0.0747	0.0000	OK
180 minute summer	SWALE 3	96	184.145	0.150	40.3	0.2141	0.0000	OK
180 minute summer	BH1	372	184.849	0.772	1.4	3.0396	0.0000	OK
180 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute summer	BH3	236	183.817	0.498	2.0	3.9311	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	BASIN 4	48.022	BH3	2.0	0.530	0.038	0.3211	
180 minute summer	BASIN 4	Infiltration		0.0				0.0
180 minute summer	SWALE 1	1.025	S6	3.9	0.394	0.047	0.3749	
180 minute summer	SWALE 2	1.029	S8	3.5	0.535	0.042	0.1724	
180 minute summer	SWALE 3	1.033	BASIN 3	40.0	1.005	0.320	1.7219	
180 minute summer	BH1	Infiltration		0.1				2.0
180 minute summer	BH2	Infiltration		0.0				0.0
180 minute summer	BH3	Infiltration		0.2				4.1

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	96	188.403	0.033	2.1	0.0492	0.0000	OK
180 minute winter	S2	100	187.165	0.126	16.6	0.2176	0.0000	OK
180 minute winter	S3	100	186.259	0.121	22.7	0.1614	0.0000	OK
180 minute winter	S4	184	186.221	0.843	39.7	1.0806	0.0000	SURCHARGED
180 minute winter	S5	184	186.218	1.308	4.0	1.8718	0.0000	SURCHARGED
180 minute winter	S6	352	184.863	0.055	3.9	0.0782	0.0000	OK
180 minute winter	S7	368	184.787	0.028	3.5	0.0404	0.0000	OK
180 minute winter	S8	372	184.360	0.030	3.5	0.0433	0.0000	OK
180 minute winter	S9	96	184.205	0.080	3.5	0.1150	0.0000	OK
180 minute winter	S10	96	184.205	0.092	29.9	0.1682	0.0000	OK
180 minute winter	S11	96	186.452	0.052	2.7	0.0817	0.0000	OK
180 minute winter	S12	96	186.267	0.091	7.2	0.1340	0.0000	OK
180 minute winter	S13	96	186.048	0.055	12.0	0.0829	0.0000	OK
180 minute winter	S14	96	185.277	0.101	15.9	0.1599	0.0000	OK
180 minute winter	S15	96	184.945	0.078	20.5	0.1228	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S1	1.000	J1	2.1	0.582	0.241	0.0299	
180 minute winter	S2	1.012	J12	16.6	0.806	0.557	0.0309	
180 minute winter	S3	1.019	J18	22.7	1.028	0.426	0.1137	
180 minute winter	S4	1.022	BASIN 1	39.3	1.213	0.235	1.1778	
180 minute winter	S5	1.024	SWALE 1	3.9	0.383	0.047	0.2085	
180 minute winter	S6	1.026	BASIN 2	3.9	0.472	0.045	0.0546	
180 minute winter	S7	1.028	SWALE 2	3.5	0.555	0.012	0.1089	
180 minute winter	S8	1.030	S9	3.5	0.585	0.013	0.1038	
180 minute winter	S9	1.031	S10	3.5	0.620	0.042	0.1281	
180 minute winter	S10	1.032	SWALE 3	29.9	1.116	0.091	0.1175	
180 minute winter	S11	32.000	J28	2.7	0.631	0.454	0.0195	
180 minute winter	S12	32.003	J30	7.2	0.645	0.540	0.0568	
180 minute winter	S13	32.007	J33	12.0	1.631	0.122	0.0956	
180 minute winter	S14	32.009	J34	15.8	0.898	0.312	0.0925	
180 minute winter	S15	32.013	J37	20.5	1.773	0.222	0.1078	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	96	184.557	0.070	24.2	0.1065	0.0000	OK
180 minute winter	S17	184	186.220	0.070	3.1	0.1108	0.0000	OK
180 minute winter	S18	184	186.220	0.396	8.1	0.5856	0.0000	SURCHARGED
180 minute winter	S19	188	186.222	0.456	12.9	0.6564	0.0000	SURCHARGED
180 minute winter	S20	120	184.668	0.026	0.8	0.0291	0.0000	OK
180 minute winter	S21	100	184.473	0.064	4.0	0.0850	0.0000	OK
180 minute winter	S22	100	184.350	0.119	8.4	0.1543	0.0000	OK
180 minute winter	S23	100	184.334	0.136	12.1	0.1751	0.0000	OK
180 minute winter	S24	104	184.181	0.164	23.0	0.2153	0.0000	OK
180 minute winter	S25	100	184.116	0.146	25.9	0.2022	0.0000	OK
180 minute winter	S26	96	185.412	0.035	2.8	0.0521	0.0000	OK
180 minute winter	FC1	108	188.844	0.594	1.0	0.7669	0.0000	SURCHARGED
180 minute winter	FC2	108	188.745	0.595	1.0	0.7679	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S16	32.015	J38	24.2	1.022	0.076	0.0558	
180 minute winter	S17	23.001	J20	3.1	0.739	0.524	0.0488	
180 minute winter	S18	23.006	J24	8.1	0.478	0.254	0.0729	
180 minute winter	S19	23.010	J27	12.9	0.645	0.430	0.3541	
180 minute winter	S20	48.001	J41	0.8	0.515	0.134	0.0072	
180 minute winter	S21	48.004	J43	4.0	0.508	0.303	0.0406	
180 minute winter	S22	48.008	J46	8.4	0.399	0.268	0.0529	
180 minute winter	S23	48.011	J48	12.1	0.494	0.392	0.0276	
180 minute winter	S24	48.018	J56	23.0	0.598	0.429	0.1629	
180 minute winter	S25	48.021	BASIN 4	25.9	0.846	0.486	0.1178	
180 minute winter	S26	65.001	J54	2.8	0.764	0.266	0.0310	
180 minute winter	FC1	2.000	J1	0.8	0.339	0.123	0.0150	
180 minute winter	FC1	Infiltration		0.0				0.0
180 minute winter	FC2	3.000	J2	0.8	0.508	0.128	0.0079	
180 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC3	120	188.846	0.646	1.3	1.5019	0.0000	SURCHARGED
180 minute winter	FC4	108	188.583	0.382	0.7	0.4785	0.0000	SURCHARGED
180 minute winter	FC5	108	188.595	0.595	1.0	0.7684	0.0000	SURCHARGED
180 minute winter	FC6	108	188.231	0.381	0.7	0.4770	0.0000	SURCHARGED
180 minute winter	FC7	108	188.133	0.383	0.7	0.4790	0.0000	SURCHARGED
180 minute winter	FC8	108	188.341	0.591	1.0	0.7627	0.0000	SURCHARGED
180 minute winter	FC9	108	187.855	0.384	0.7	0.4810	0.0000	SURCHARGED
180 minute winter	FC10	120	188.121	0.651	1.3	1.4967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC3	4.000	J3	0.8	0.540	0.128	0.0138	
180 minute winter	FC3	Infiltration		0.0				0.0
180 minute winter	FC4	5.000	J4	0.6	0.565	0.082	0.0079	
180 minute winter	FC4	Infiltration		0.0				0.0
180 minute winter	FC5	6.000	J5	0.8	0.506	0.129	0.0062	
180 minute winter	FC5	Infiltration		0.0				0.0
180 minute winter	FC6	7.000	J6	0.6	0.629	0.070	0.0071	
180 minute winter	FC6	Infiltration		0.0				0.0
180 minute winter	FC7	8.000	J7	0.6	0.546	0.086	0.0081	
180 minute winter	FC7	Infiltration		0.0				0.0
180 minute winter	FC8	9.000	J8	0.8	0.712	0.080	0.0045	
180 minute winter	FC8	Infiltration		0.0				0.0
180 minute winter	FC9	10.000	J9	0.6	0.482	0.102	0.0091	
180 minute winter	FC9	Infiltration		0.0				0.0
180 minute winter	FC10	11.000	J10	0.8	0.560	0.121	0.0089	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC11	108	187.915	0.595	1.0	0.7681	0.0000	SURCHARGED
180 minute winter	FC12	108	187.825	0.595	1.0	0.7681	0.0000	SURCHARGED
180 minute winter	FC13	108	187.595	0.595	1.0	0.7681	0.0000	SURCHARGED
180 minute winter	FC14	128	187.069	0.169	1.0	2.1501	0.0000	SURCHARGED
180 minute winter	FC15	108	187.577	0.377	0.7	0.4719	0.0000	SURCHARGED
180 minute winter	FC16	108	187.284	0.384	0.7	0.4803	0.0000	SURCHARGED
180 minute winter	FC17	108	187.379	0.379	0.7	0.4742	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC10	Infiltration		0.0				0.0
180 minute winter	FC11	12.000	J11	0.8	0.511	0.129	0.0116	
180 minute winter	FC11	Infiltration		0.0				0.0
180 minute winter	FC12	13.000	S2	0.8	0.511	0.129	0.0103	
180 minute winter	FC12	Infiltration		0.0				0.0
180 minute winter	FC13	14.000	J12	0.8	0.512	0.129	0.0102	
180 minute winter	FC13	Infiltration		0.0				0.0
180 minute winter	FC14	15.000	J13	0.4	0.425	0.066	0.0070	
180 minute winter	FC14	Infiltration		0.0				0.0
180 minute winter	FC15	16.000	J14	0.6	1.019	0.035	0.0028	
180 minute winter	FC15	Infiltration		0.0				0.0
180 minute winter	FC16	17.000	J15	0.6	0.503	0.096	0.0092	
180 minute winter	FC16	Infiltration		0.0				0.0
180 minute winter	FC17	18.000	J16	0.6	0.798	0.050	0.0037	
180 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC18	108	186.935	0.385	0.7	0.4811	0.0000	SURCHARGED
180 minute winter	FC19	108	186.995	0.595	1.0	0.7682	0.0000	SURCHARGED
180 minute winter	FC20	108	187.537	0.587	1.0	0.7583	0.0000	SURCHARGED
180 minute winter	FC21	108	186.895	0.595	1.0	0.7681	0.0000	SURCHARGED
180 minute winter	FC22	124	186.591	0.141	0.7	1.3652	0.0000	SURCHARGED
180 minute winter	FC23	108	186.679	0.379	0.7	0.4735	0.0000	SURCHARGED
180 minute winter	FC24	108	186.888	0.588	1.0	0.7593	0.0000	SURCHARGED
180 minute winter	FC25	108	187.137	0.587	1.0	0.7583	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC18	19.000	J17	0.6	0.479	0.103	0.0089	
180 minute winter	FC18	Infiltration		0.0				0.0
180 minute winter	FC19	20.000	S3	0.8	0.509	0.129	0.0099	
180 minute winter	FC19	Infiltration		0.0				0.0
180 minute winter	FC20	21.000	J18	0.8	1.029	0.048	0.0032	
180 minute winter	FC20	Infiltration		0.0				0.0
180 minute winter	FC21	22.000	J19	0.8	0.511	0.129	0.0114	
180 minute winter	FC21	Infiltration		0.0				0.0
180 minute winter	FC22	23.000	S17	0.4	0.354	0.024	0.0147	
180 minute winter	FC22	Infiltration		0.0				0.0
180 minute winter	FC23	24.000	J20	0.6	0.845	0.046	0.0185	
180 minute winter	FC23	Infiltration		0.0				0.0
180 minute winter	FC24	25.000	J21	0.8	0.928	0.055	0.0192	
180 minute winter	FC24	Infiltration		0.0				0.0
180 minute winter	FC25	26.000	J22	0.8	1.021	0.048	0.0035	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC26	124	186.588	0.138	0.7	1.3871	0.0000	SURCHARGED
180 minute winter	FC27	108	186.876	0.376	0.7	0.4709	0.0000	SURCHARGED
180 minute winter	FC28	108	187.087	0.587	1.0	0.7583	0.0000	SURCHARGED
180 minute winter	FC29	108	187.088	0.588	1.0	0.7585	0.0000	SURCHARGED
180 minute winter	FC30	108	187.338	0.588	1.0	0.7590	0.0000	SURCHARGED
180 minute winter	FC31	108	186.831	0.381	0.7	0.4763	0.0000	SURCHARGED
180 minute winter	FC32	108	186.829	0.379	0.7	0.4736	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC25	Infiltration		0.0				0.0
180 minute winter	FC26	27.000	J23	0.4	0.723	0.027	0.0023	
180 minute winter	FC26	Infiltration		0.0				0.0
180 minute winter	FC27	28.000	J24	0.6	1.184	0.028	0.0185	
180 minute winter	FC27	Infiltration		0.0				0.0
180 minute winter	FC28	29.000	J25	0.8	1.027	0.048	0.0033	
180 minute winter	FC28	Infiltration		0.0				0.0
180 minute winter	FC29	30.000	J26	0.8	0.999	0.050	0.0043	
180 minute winter	FC29	Infiltration		0.0				0.0
180 minute winter	FC30	31.000	J27	0.8	0.958	0.053	0.0035	
180 minute winter	FC30	Infiltration		0.0				0.0
180 minute winter	FC31	33.000	J28	0.6	0.310	0.067	0.0114	
180 minute winter	FC31	Infiltration		0.0				0.0
180 minute winter	FC32	34.000	J29	0.6	0.267	0.048	0.0124	
180 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC33	108	187.038	0.588	1.0	0.7588	0.0000	SURCHARGED
180 minute winter	FC34	108	187.045	0.595	1.0	0.7677	0.0000	SURCHARGED
180 minute winter	FC35	108	187.038	0.588	1.0	0.7591	0.0000	SURCHARGED
180 minute winter	FC36	108	187.038	0.588	1.0	0.7586	0.0000	SURCHARGED
180 minute winter	FC37	120	186.454	0.654	1.3	1.4869	0.0000	SURCHARGED
180 minute winter	FC38	128	185.574	0.124	0.7	1.4821	0.0000	SURCHARGED
180 minute winter	FC39	108	185.828	0.378	0.7	0.4730	0.0000	SURCHARGED
180 minute winter	FC40	108	186.071	0.571	1.0	0.7586	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC33	35.000	S12	0.8	0.906	0.054	0.0077	
180 minute winter	FC33	Infiltration		0.0				0.0
180 minute winter	FC34	36.000	J30	0.8	0.524	0.123	0.0070	
180 minute winter	FC34	Infiltration		0.0				0.0
180 minute winter	FC35	37.000	J31	0.8	0.948	0.054	0.0041	
180 minute winter	FC35	Infiltration		0.0				0.0
180 minute winter	FC36	38.000	J32	0.8	0.995	0.050	0.0039	
180 minute winter	FC36	Infiltration		0.0				0.0
180 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0077	
180 minute winter	FC37	Infiltration		0.0				0.0
180 minute winter	FC38	40.000	J34	0.3	0.682	0.027	0.0023	
180 minute winter	FC38	Infiltration		0.0				0.0
180 minute winter	FC39	41.000	J35	0.6	0.895	0.042	0.0030	
180 minute winter	FC39	Infiltration		0.0				0.0
180 minute winter	FC40	42.000	J36	0.8	1.165	0.039	0.0033	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC41	108	185.440	0.590	1.0	0.7617	0.0000	SURCHARGED
180 minute winter	FC42	108	185.192	0.592	1.0	0.7637	0.0000	SURCHARGED
180 minute winter	FC43	108	185.190	0.590	1.0	0.7619	0.0000	SURCHARGED
180 minute winter	FC44	88	184.618	0.018	0.7	0.0225	0.0000	OK
180 minute winter	FC45	108	184.979	0.379	0.7	0.4737	0.0000	SURCHARGED
180 minute winter	FC46	120	185.351	0.651	1.3	1.4996	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	108	185.388	0.588	1.0	0.7589	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC40	Infiltration		0.0				0.0
180 minute winter	FC41	43.000	J37	0.8	0.762	0.073	0.0050	
180 minute winter	FC41	Infiltration		0.0				0.0
180 minute winter	FC42	44.000	J38	0.8	0.664	0.088	0.0057	
180 minute winter	FC42	Infiltration		0.0				0.0
180 minute winter	FC43	45.000	J39	0.8	0.753	0.074	0.0044	
180 minute winter	FC43	Infiltration		0.0				0.0
180 minute winter	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
180 minute winter	FC44	Infiltration		0.0				0.0
180 minute winter	FC45	47.000	S10	0.6	0.834	0.047	0.0034	
180 minute winter	FC45	Infiltration		0.0				0.0
180 minute winter	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
180 minute winter	FC46	Infiltration		0.0				0.0
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
180 minute winter	FC48	50.000	J42	0.8	0.482	0.055	0.0084	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC49	108	185.395	0.595	1.0	0.7684	0.0000	SURCHARGED
180 minute winter	FC50	108	185.395	0.595	1.0	0.7683	0.0000	SURCHARGED
180 minute winter	FC51	108	185.445	0.595	1.0	0.7682	0.0000	SURCHARGED
180 minute winter	FC52	108	185.840	0.590	1.0	0.7621	0.0000	SURCHARGED
180 minute winter	FC53	108	185.841	0.591	1.0	0.7630	0.0000	SURCHARGED
180 minute winter	FC54	108	185.630	0.380	0.7	0.4753	0.0000	SURCHARGED
180 minute winter	FC55	108	185.628	0.378	0.7	0.4728	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC48	Infiltration		0.0				0.0
180 minute winter	FC49	51.000	S21	0.8	0.507	0.129	0.0066	
180 minute winter	FC49	Infiltration		0.0				0.0
180 minute winter	FC50	52.000	J43	0.8	0.507	0.129	0.0070	
180 minute winter	FC50	Infiltration		0.0				0.0
180 minute winter	FC51	55.000	S22	0.8	0.510	0.129	0.0092	
180 minute winter	FC51	Infiltration		0.0				0.0
180 minute winter	FC52	58.000	S23	0.8	0.742	0.076	0.0056	
180 minute winter	FC52	Infiltration		0.0				0.0
180 minute winter	FC53	61.000	J50	0.8	0.697	0.082	0.0047	
180 minute winter	FC53	Infiltration		0.0				0.0
180 minute winter	FC54	62.000	J51	0.6	0.725	0.057	0.0033	
180 minute winter	FC54	Infiltration		0.0				0.0
180 minute winter	FC55	64.000	J53	0.6	0.915	0.041	0.0028	
180 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC56	108	185.728	0.378	0.7	0.4724	0.0000	SURCHARGED
180 minute winter	FC57	108	185.728	0.378	0.7	0.4730	0.0000	SURCHARGED
180 minute winter	FC58	108	185.728	0.378	0.7	0.4734	0.0000	SURCHARGED
180 minute winter	FC59	108	185.729	0.379	0.7	0.4742	0.0000	SURCHARGED
180 minute winter	FC60	108	185.939	0.589	1.0	0.7605	0.0000	SURCHARGED
180 minute winter	FC61	108	185.891	0.591	1.0	0.7635	0.0000	SURCHARGED
180 minute winter	FC62	120	185.898	0.648	1.3	1.4944	0.0000	SURCHARGED
180 minute winter	FC63	108	185.784	0.384	0.7	0.4807	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC56	53.000	J44	0.6	0.945	0.039	0.0042	
180 minute winter	FC56	Infiltration		0.0				0.0
180 minute winter	FC57	54.000	J45	0.6	0.887	0.043	0.0045	
180 minute winter	FC57	Infiltration		0.0				0.0
180 minute winter	FC58	56.000	J46	0.6	0.853	0.045	0.0044	
180 minute winter	FC58	Infiltration		0.0				0.0
180 minute winter	FC59	57.000	J47	0.6	0.791	0.051	0.0049	
180 minute winter	FC59	Infiltration		0.0				0.0
180 minute winter	FC60	59.000	J48	0.8	0.834	0.065	0.0060	
180 minute winter	FC60	Infiltration		0.0				0.0
180 minute winter	FC61	60.000	J49	0.8	0.669	0.088	0.0084	
180 minute winter	FC61	Infiltration		0.0				0.0
180 minute winter	FC62	63.000	J52	0.8	0.625	0.104	0.0120	
180 minute winter	FC62	Infiltration		0.0				0.0
180 minute winter	FC63	65.000	S26	0.6	0.377	0.103	0.0044	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC64	108	185.547	0.397	0.7	0.4965	0.0000	SURCHARGED
180 minute winter	FC65	108	185.740	0.590	1.0	0.7619	0.0000	SURCHARGED
180 minute winter	FC66	108	185.594	0.594	1.0	0.7666	0.0000	SURCHARGED
180 minute winter	FC67	124	184.938	0.138	0.7	1.4192	0.0000	SURCHARGED
180 minute winter	FC68	108	184.932	0.382	0.7	0.4773	0.0000	SURCHARGED
180 minute winter	J1	96	188.261	0.061	4.9	0.0896	0.0000	OK
180 minute winter	J2	96	188.138	0.082	5.6	0.0924	0.0000	OK
180 minute winter	J3	96	188.123	0.073	6.4	0.0823	0.0000	OK
180 minute winter	J4	96	188.091	0.052	6.9	0.0584	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC63	Infiltration		0.0				0.0
180 minute winter	FC64	66.000	J54	0.6	0.248	0.105	0.0083	
180 minute winter	FC64	Infiltration		0.0				0.0
180 minute winter	FC65	67.000	J55	0.8	0.342	0.079	0.0059	
180 minute winter	FC65	Infiltration		0.0				0.0
180 minute winter	FC66	68.000	S24	0.8	0.568	0.106	0.0029	
180 minute winter	FC66	Infiltration		0.0				0.0
180 minute winter	FC67	69.000	J56	0.4	0.399	0.060	0.0018	
180 minute winter	FC67	Infiltration		0.0				0.0
180 minute winter	FC68	70.000	J57	0.6	0.627	0.068	0.0022	
180 minute winter	FC68	Infiltration		0.0				0.0
180 minute winter	J1	1.001	J2	4.9	1.038	0.590	0.0237	
180 minute winter	J2	1.002	J3	5.6	0.612	0.416	0.0095	
180 minute winter	J3	1.003	J4	6.4	0.923	0.480	0.0135	
180 minute winter	J4	1.004	J5	6.9	1.388	0.203	0.0177	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J5	96	187.956	0.046	7.6	0.0524	0.0000	OK
180 minute winter	J6	100	187.717	0.067	8.2	0.0757	0.0000	OK
180 minute winter	J7	100	187.604	0.079	8.8	0.0893	0.0000	OK
180 minute winter	J8	100	187.571	0.049	9.9	0.0560	0.0000	OK
180 minute winter	J9	100	187.359	0.084	10.1	0.0950	0.0000	OK
180 minute winter	J10	100	187.320	0.050	10.9	0.0561	0.0000	OK
180 minute winter	J11	104	187.192	0.071	11.6	0.0803	0.0000	OK
180 minute winter	J12	100	186.896	0.087	17.4	0.0986	0.0000	OK
180 minute winter	J13	100	186.764	0.137	17.7	0.1552	0.0000	OK
180 minute winter	J14	100	186.750	0.128	18.3	0.1448	0.0000	OK
180 minute winter	J15	100	186.730	0.113	18.9	0.1278	0.0000	OK
180 minute winter	J16	100	186.693	0.088	19.5	0.0995	0.0000	OK
180 minute winter	J17	100	186.348	0.065	20.1	0.0740	0.0000	OK
180 minute winter	J18	188	186.224	0.099	23.4	0.1119	0.0000	OK
180 minute winter	J19	180	186.237	0.210	24.2	0.2377	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J5	1.005	J6	7.6	1.254	0.199	0.0347	
180 minute winter	J6	1.006	J7	8.2	1.218	0.288	0.0132	
180 minute winter	J7	1.007	J8	9.2	0.986	0.298	0.0106	
180 minute winter	J8	1.008	J9	9.5	0.966	0.107	0.0844	
180 minute winter	J9	1.009	J10	10.1	1.024	0.302	0.0120	
180 minute winter	J10	1.010	J11	10.9	1.279	0.084	0.0210	
180 minute winter	J11	1.011	S2	11.6	0.702	0.180	0.0899	
180 minute winter	J12	1.013	J13	17.4	1.320	0.259	0.0852	
180 minute winter	J13	1.014	J14	17.7	0.590	0.313	0.0569	
180 minute winter	J14	1.015	J15	18.3	0.692	0.325	0.0507	
180 minute winter	J15	1.016	J16	18.9	0.914	0.354	0.1063	
180 minute winter	J16	1.017	J17	19.5	1.267	0.137	0.0517	
180 minute winter	J17	1.018	S3	20.1	1.074	0.065	0.0359	
180 minute winter	J18	1.020	J19	23.4	0.944	0.082	0.0482	
180 minute winter	J19	1.021	S4	24.2	0.830	0.438	0.2273	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J20	184	186.220	0.189	3.7	0.2132	0.0000	SURCHARGED
180 minute winter	J21	184	186.220	0.210	4.4	0.2381	0.0000	SURCHARGED
180 minute winter	J22	184	186.219	0.256	5.1	0.2897	0.0000	SURCHARGED
180 minute winter	J23	184	186.219	0.277	5.4	0.3133	0.0000	SURCHARGED
180 minute winter	J24	188	186.219	0.402	8.7	0.4544	0.0000	SURCHARGED
180 minute winter	J25	188	186.224	0.428	9.4	0.4835	0.0000	SURCHARGED
180 minute winter	J26	184	186.226	0.447	10.2	0.5059	0.0000	SURCHARGED
180 minute winter	J27	188	186.228	0.492	13.6	0.5564	0.0000	SURCHARGED
180 minute winter	J28	96	186.412	0.056	3.3	0.0629	0.0000	OK
180 minute winter	J29	96	186.335	0.064	3.8	0.0720	0.0000	OK
180 minute winter	J30	96	186.238	0.091	7.9	0.1034	0.0000	OK
180 minute winter	J31	100	186.131	0.087	8.6	0.0989	0.0000	OK
180 minute winter	J32	100	186.093	0.082	9.3	0.0925	0.0000	OK
180 minute winter	J33	96	185.588	0.053	12.8	0.0600	0.0000	OK
180 minute winter	J34	96	185.229	0.104	16.1	0.1176	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J20	23.002	J21	3.7	0.538	0.271	0.0665	
180 minute winter	J21	23.003	J22	4.4	0.566	0.325	0.1411	
180 minute winter	J22	23.004	J23	5.1	0.612	0.376	0.0633	
180 minute winter	J23	23.005	S18	5.4	0.693	0.404	0.1321	
180 minute winter	J24	23.007	J25	8.7	0.491	0.289	0.2458	
180 minute winter	J25	23.008	J26	9.4	0.490	0.312	0.1975	
180 minute winter	J26	23.009	S19	10.2	0.510	0.332	0.1474	
180 minute winter	J27	23.011	S4	13.6	0.759	0.456	0.0951	
180 minute winter	J28	32.001	J29	3.3	0.670	0.550	0.0429	
180 minute winter	J29	32.002	S12	3.8	0.765	0.643	0.0232	
180 minute winter	J30	32.004	J31	7.9	0.750	0.596	0.0524	
180 minute winter	J31	32.005	J32	8.6	0.632	0.286	0.1329	
180 minute winter	J32	32.006	S13	9.3	0.915	0.310	0.0545	
180 minute winter	J33	32.008	S14	12.8	1.065	0.123	0.1112	
180 minute winter	J34	32.010	J35	16.1	1.138	0.418	0.1283	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J35	96	185.145	0.070	16.7	0.0792	0.0000	OK
180 minute winter	J36	96	184.985	0.110	17.4	0.1246	0.0000	OK
180 minute winter	J37	96	184.613	0.113	21.2	0.1273	0.0000	OK
180 minute winter	J38	96	184.452	0.152	24.9	0.1724	0.0000	OK
180 minute winter	J39	96	184.413	0.139	25.6	0.1568	0.0000	OK
180 minute winter	J40	96	184.380	0.115	26.3	0.1298	0.0000	OK
180 minute winter	J41	120	184.622	0.025	0.8	0.0280	0.0000	OK
180 minute winter	J42	112	184.573	0.036	1.6	0.0411	0.0000	OK
180 minute winter	J43	100	184.455	0.075	4.8	0.0845	0.0000	OK
180 minute winter	J44	100	184.441	0.071	5.4	0.0800	0.0000	OK
180 minute winter	J45	100	184.398	0.078	5.9	0.0879	0.0000	OK
180 minute winter	J46	100	184.345	0.123	9.0	0.1390	0.0000	OK
180 minute winter	J47	100	184.339	0.132	9.6	0.1495	0.0000	OK
180 minute winter	J48	100	184.325	0.131	12.8	0.1485	0.0000	OK
180 minute winter	J49	100	184.312	0.143	13.5	0.1621	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J35	32.011	J36	16.7	1.123	0.187	0.1025	
180 minute winter	J36	32.012	S15	17.4	1.107	0.579	0.0374	
180 minute winter	J37	32.014	S16	21.1	1.172	0.383	0.0948	
180 minute winter	J38	32.016	J39	24.9	0.736	0.461	0.3664	
180 minute winter	J39	32.017	J40	25.6	0.905	0.468	0.1034	
180 minute winter	J40	32.018	S10	26.3	1.131	0.264	0.2223	
180 minute winter	J41	48.002	J42	0.8	0.437	0.135	0.0127	
180 minute winter	J42	48.003	S21	1.6	0.622	0.265	0.0205	
180 minute winter	J43	48.005	J44	4.8	0.563	0.341	0.0136	
180 minute winter	J44	48.006	J45	5.3	0.615	0.400	0.0763	
180 minute winter	J45	48.007	S22	5.9	0.692	0.436	0.0204	
180 minute winter	J46	48.009	J47	9.0	0.390	0.292	0.0978	
180 minute winter	J47	48.010	S23	9.6	0.388	0.317	0.0651	
180 minute winter	J48	48.012	J49	12.8	0.504	0.428	0.1889	
180 minute winter	J49	48.013	J50	13.5	0.518	0.441	0.0296	

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J50	100	184.303	0.138	14.2	0.1558	0.0000	OK
180 minute winter	J51	104	184.288	0.140	14.8	0.1584	0.0000	OK
180 minute winter	J52	104	184.275	0.131	15.6	0.1477	0.0000	OK
180 minute winter	J53	104	184.249	0.122	16.2	0.1384	0.0000	OK
180 minute winter	J54	96	185.188	0.059	3.3	0.0667	0.0000	OK
180 minute winter	J55	100	185.149	0.055	4.0	0.0620	0.0000	OK
180 minute winter	J56	104	184.164	0.157	23.3	0.1781	0.0000	OK
180 minute winter	J57	104	184.141	0.156	23.9	0.1763	0.0000	OK
180 minute winter	BASIN 1	184	186.218	1.293	40.6	168.6865	0.0000	SURCHARGED
180 minute winter	BASIN 2	368	184.849	0.549	4.1	55.5334	0.0000	OK
180 minute winter	BASIN 3	420	183.097	-0.003	34.1	187.0175	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J50	48.014	J51	14.2	0.553	0.476	0.1304	
180 minute winter	J51	48.015	J52	14.8	0.594	0.483	0.0283	
180 minute winter	J52	48.016	J53	15.6	0.679	0.511	0.1120	
180 minute winter	J53	48.017	S24	16.2	0.806	0.537	0.2061	
180 minute winter	J54	65.002	J55	3.3	0.720	0.559	0.0167	
180 minute winter	J55	65.003	S24	4.0	0.947	0.527	0.0333	
180 minute winter	J56	48.019	J57	23.3	0.625	0.429	0.3380	
180 minute winter	J57	48.020	S25	23.9	0.672	0.437	0.2173	
180 minute winter	BASIN 1	1.023	S5	4.0	0.223	0.048	0.9418	
180 minute winter	BASIN 1	Infiltration		0.1				2.4
180 minute winter	BASIN 2	1.027	S7	3.5	0.559	0.042	0.1405	
180 minute winter	BASIN 2	71.000	BH1	1.6	0.586	0.265	0.1829	
180 minute winter	BASIN 2	Infiltration		0.0				0.0
180 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	BASIN 4	236	183.819	0.489	29.2	145.2287	0.0000	SURCHARGED
180 minute winter	SWALE 1	188	184.930	0.056	3.9	0.0803	0.0000	OK
180 minute winter	SWALE 2	372	184.427	0.052	3.5	0.0749	0.0000	OK
180 minute winter	SWALE 3	96	184.122	0.127	29.9	0.1818	0.0000	OK
180 minute winter	BH1	368	184.849	0.772	1.6	3.0399	0.0000	OK
180 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute winter	BH3	236	183.819	0.500	2.0	3.9366	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	BASIN 4	48.022	BH3	2.0	0.550	0.037	0.3211	
180 minute winter	BASIN 4	Infiltration		0.0				0.0
180 minute winter	SWALE 1	1.025	S6	3.9	0.394	0.047	0.3758	
180 minute winter	SWALE 2	1.029	S8	3.5	0.536	0.042	0.1729	
180 minute winter	SWALE 3	1.033	BASIN 3	29.8	0.930	0.238	1.3856	
180 minute winter	BH1	Infiltration		0.1				2.0
180 minute winter	BH2	Infiltration		0.0				0.0
180 minute winter	BH3	Infiltration		0.2				4.1

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.407	0.037	2.6	0.0549	0.0000	OK
240 minute summer	S2	128	187.173	0.134	18.6	0.2318	0.0000	OK
240 minute summer	S3	128	186.266	0.129	25.2	0.1716	0.0000	OK
240 minute summer	S4	248	186.254	0.876	44.5	1.1231	0.0000	SURCHARGED
240 minute summer	S5	244	186.249	1.339	4.0	1.9167	0.0000	SURCHARGED
240 minute summer	S6	364	184.864	0.056	4.0	0.0797	0.0000	OK
240 minute summer	S7	384	184.788	0.029	3.6	0.0411	0.0000	OK
240 minute summer	S8	384	184.361	0.031	3.6	0.0441	0.0000	OK
240 minute summer	S9	128	184.214	0.089	3.6	0.1269	0.0000	OK
240 minute summer	S10	128	184.214	0.101	34.1	0.1832	0.0000	OK
240 minute summer	S11	124	186.459	0.059	3.3	0.0928	0.0000	OK
240 minute summer	S12	124	186.276	0.100	8.3	0.1477	0.0000	OK
240 minute summer	S13	128	186.052	0.059	13.6	0.0888	0.0000	OK
240 minute summer	S14	124	185.285	0.110	18.1	0.1733	0.0000	OK
240 minute summer	S15	124	184.951	0.084	23.2	0.1320	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S1	1.000	J1	2.6	0.611	0.296	0.0346	
240 minute summer	S2	1.012	J12	18.6	0.836	0.624	0.0333	
240 minute summer	S3	1.019	J18	25.2	1.042	0.473	0.1341	
240 minute summer	S4	1.022	BASIN 1	44.1	1.073	0.263	1.1778	
240 minute summer	S5	1.024	SWALE 1	4.0	0.384	0.048	0.2103	
240 minute summer	S6	1.026	BASIN 2	4.0	0.473	0.046	0.0561	
240 minute summer	S7	1.028	SWALE 2	3.6	0.562	0.012	0.1118	
240 minute summer	S8	1.030	S9	3.6	0.593	0.014	0.1193	
240 minute summer	S9	1.031	S10	3.6	0.628	0.043	0.1458	
240 minute summer	S10	1.032	SWALE 3	34.1	1.145	0.103	0.1311	
240 minute summer	S11	32.000	J28	3.3	0.663	0.552	0.0224	
240 minute summer	S12	32.003	J30	8.3	0.670	0.622	0.0631	
240 minute summer	S13	32.007	J33	13.6	1.692	0.139	0.1049	
240 minute summer	S14	32.009	J34	18.0	0.928	0.356	0.1019	
240 minute summer	S15	32.013	J37	23.2	1.829	0.251	0.1185	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	124	184.564	0.077	27.6	0.1176	0.0000	OK
240 minute summer	S17	240	186.251	0.101	3.8	0.1602	0.0000	SURCHARGED
240 minute summer	S18	244	186.250	0.426	9.4	0.6299	0.0000	SURCHARGED
240 minute summer	S19	248	186.252	0.486	14.6	0.7001	0.0000	SURCHARGED
240 minute summer	S20	144	184.668	0.026	0.8	0.0292	0.0000	OK
240 minute summer	S21	124	184.477	0.068	4.5	0.0902	0.0000	OK
240 minute summer	S22	128	184.359	0.128	9.2	0.1662	0.0000	OK
240 minute summer	S23	128	184.343	0.145	13.3	0.1870	0.0000	OK
240 minute summer	S24	128	184.191	0.174	25.2	0.2284	0.0000	OK
240 minute summer	S25	128	184.124	0.154	28.6	0.2136	0.0000	OK
240 minute summer	S26	124	185.416	0.039	3.3	0.0568	0.0000	OK
240 minute summer	FC1	136	188.873	0.623	1.2	0.8468	0.0000	SURCHARGED
240 minute summer	FC2	136	188.773	0.623	1.2	0.8478	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S16	32.015	J38	27.6	1.042	0.087	0.0621	
240 minute summer	S17	23.001	J20	3.8	0.771	0.634	0.0560	
240 minute summer	S18	23.006	J24	9.3	0.491	0.292	0.0729	
240 minute summer	S19	23.010	J27	14.7	0.668	0.489	0.3541	
240 minute summer	S20	48.001	J41	0.8	0.516	0.135	0.0072	
240 minute summer	S21	48.004	J43	4.4	0.524	0.333	0.0434	
240 minute summer	S22	48.008	J46	9.2	0.401	0.293	0.0579	
240 minute summer	S23	48.011	J48	13.3	0.507	0.431	0.0298	
240 minute summer	S24	48.018	J56	25.2	0.611	0.472	0.1751	
240 minute summer	S25	48.021	BASIN 4	28.6	0.872	0.537	0.1263	
240 minute summer	S26	65.001	J54	3.2	0.803	0.313	0.0344	
240 minute summer	FC1	2.000	J1	0.8	0.355	0.126	0.0169	
240 minute summer	FC1	Infiltration		0.0				0.0
240 minute summer	FC2	3.000	J2	0.8	0.512	0.131	0.0095	
240 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC3	144	188.851	0.651	1.7	1.6447	0.0000	SURCHARGED
240 minute summer	FC4	136	188.610	0.410	0.9	0.5134	0.0000	SURCHARGED
240 minute summer	FC5	136	188.623	0.623	1.2	0.8485	0.0000	SURCHARGED
240 minute summer	FC6	136	188.259	0.409	0.9	0.5117	0.0000	SURCHARGED
240 minute summer	FC7	136	188.161	0.411	0.9	0.5139	0.0000	SURCHARGED
240 minute summer	FC8	136	188.373	0.623	1.2	0.8422	0.0000	SURCHARGED
240 minute summer	FC9	136	187.882	0.412	0.9	0.5158	0.0000	SURCHARGED
240 minute summer	FC10	144	188.128	0.658	1.7	1.6401	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC3	4.000	J3	0.8	0.541	0.128	0.0154	
240 minute summer	FC3	Infiltration		0.0				0.0
240 minute summer	FC4	5.000	J4	0.6	0.571	0.085	0.0081	
240 minute summer	FC4	Infiltration		0.0				0.0
240 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
240 minute summer	FC5	Infiltration		0.0				0.0
240 minute summer	FC6	7.000	J6	0.6	0.635	0.073	0.0081	
240 minute summer	FC6	Infiltration		0.0				0.0
240 minute summer	FC7	8.000	J7	0.6	0.552	0.089	0.0083	
240 minute summer	FC7	Infiltration		0.0				0.0
240 minute summer	FC8	9.000	J8	0.8	0.717	0.082	0.0046	
240 minute summer	FC8	Infiltration		0.0				0.0
240 minute summer	FC9	10.000	J9	0.6	0.487	0.106	0.0094	
240 minute summer	FC9	Infiltration		0.0				0.0
240 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC11	136	187.943	0.623	1.2	0.8481	0.0000	SURCHARGED
240 minute summer	FC12	136	187.853	0.623	1.2	0.8481	0.0000	SURCHARGED
240 minute summer	FC13	136	187.623	0.623	1.2	0.8481	0.0000	SURCHARGED
240 minute summer	FC14	156	187.069	0.169	1.2	2.1518	0.0000	SURCHARGED
240 minute summer	FC15	136	187.605	0.405	0.9	0.5071	0.0000	SURCHARGED
240 minute summer	FC16	136	187.312	0.412	0.9	0.5151	0.0000	SURCHARGED
240 minute summer	FC17	136	187.407	0.407	0.9	0.5092	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC10	Infiltration		0.0				0.0
240 minute summer	FC11	12.000	J11	0.8	0.515	0.132	0.0118	
240 minute summer	FC11	Infiltration		0.0				0.0
240 minute summer	FC12	13.000	S2	0.8	0.514	0.132	0.0105	
240 minute summer	FC12	Infiltration		0.0				0.0
240 minute summer	FC13	14.000	J12	0.8	0.515	0.132	0.0104	
240 minute summer	FC13	Infiltration		0.0				0.0
240 minute summer	FC14	15.000	J13	0.4	0.425	0.066	0.0070	
240 minute summer	FC14	Infiltration		0.0				0.0
240 minute summer	FC15	16.000	J14	0.6	1.030	0.036	0.0029	
240 minute summer	FC15	Infiltration		0.0				0.0
240 minute summer	FC16	17.000	J15	0.6	0.509	0.100	0.0094	
240 minute summer	FC16	Infiltration		0.0				0.0
240 minute summer	FC17	18.000	J16	0.6	0.806	0.052	0.0038	
240 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC18	136	186.962	0.412	0.9	0.5159	0.0000	SURCHARGED
240 minute summer	FC19	136	187.023	0.623	1.2	0.8482	0.0000	SURCHARGED
240 minute summer	FC20	136	187.572	0.622	1.2	0.8374	0.0000	SURCHARGED
240 minute summer	FC21	136	186.923	0.623	1.2	0.8481	0.0000	SURCHARGED
240 minute summer	FC22	148	186.590	0.140	0.9	1.3549	0.0000	SURCHARGED
240 minute summer	FC23	136	186.707	0.407	0.9	0.5085	0.0000	SURCHARGED
240 minute summer	FC24	136	186.922	0.622	1.2	0.8384	0.0000	SURCHARGED
240 minute summer	FC25	136	187.172	0.622	1.2	0.8374	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC18	19.000	J17	0.6	0.484	0.107	0.0091	
240 minute summer	FC18	Infiltration		0.0				0.0
240 minute summer	FC19	20.000	S3	0.8	0.513	0.133	0.0101	
240 minute summer	FC19	Infiltration		0.0				0.0
240 minute summer	FC20	21.000	J18	0.8	1.038	0.049	0.0033	
240 minute summer	FC20	Infiltration		0.0				0.0
240 minute summer	FC21	22.000	J19	0.8	0.514	0.133	0.0116	
240 minute summer	FC21	Infiltration		0.0				0.0
240 minute summer	FC22	23.000	S17	0.4	0.346	0.024	0.0194	
240 minute summer	FC22	Infiltration		0.0				0.0
240 minute summer	FC23	24.000	J20	0.6	0.854	0.048	0.0186	
240 minute summer	FC23	Infiltration		0.0				0.0
240 minute summer	FC24	25.000	J21	0.8	0.936	0.057	0.0193	
240 minute summer	FC24	Infiltration		0.0				0.0
240 minute summer	FC25	26.000	J22	0.8	1.030	0.050	0.0036	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC26	148	186.587	0.137	0.9	1.3757	0.0000	SURCHARGED
240 minute summer	FC27	136	186.905	0.405	0.9	0.5062	0.0000	SURCHARGED
240 minute summer	FC28	136	187.122	0.622	1.2	0.8374	0.0000	SURCHARGED
240 minute summer	FC29	136	187.122	0.622	1.2	0.8377	0.0000	SURCHARGED
240 minute summer	FC30	136	187.372	0.622	1.2	0.8381	0.0000	SURCHARGED
240 minute summer	FC31	136	186.859	0.409	0.9	0.5112	0.0000	SURCHARGED
240 minute summer	FC32	136	186.857	0.407	0.9	0.5086	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC25	Infiltration		0.0				0.0
240 minute summer	FC26	27.000	J23	0.4	0.722	0.027	0.0034	
240 minute summer	FC26	Infiltration		0.0				0.0
240 minute summer	FC27	28.000	J24	0.6	1.198	0.029	0.0186	
240 minute summer	FC27	Infiltration		0.0				0.0
240 minute summer	FC28	29.000	J25	0.8	1.036	0.049	0.0090	
240 minute summer	FC28	Infiltration		0.0				0.0
240 minute summer	FC29	30.000	J26	0.8	1.007	0.051	0.0101	
240 minute summer	FC29	Infiltration		0.0				0.0
240 minute summer	FC30	31.000	J27	0.8	0.966	0.054	0.0036	
240 minute summer	FC30	Infiltration		0.0				0.0
240 minute summer	FC31	33.000	J28	0.6	0.321	0.070	0.0127	
240 minute summer	FC31	Infiltration		0.0				0.0
240 minute summer	FC32	34.000	J29	0.6	0.275	0.050	0.0137	
240 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC33	136	187.072	0.622	1.2	0.8379	0.0000	SURCHARGED
240 minute summer	FC34	136	187.073	0.623	1.2	0.8477	0.0000	SURCHARGED
240 minute summer	FC35	136	187.072	0.622	1.2	0.8382	0.0000	SURCHARGED
240 minute summer	FC36	136	187.072	0.622	1.2	0.8378	0.0000	SURCHARGED
240 minute summer	FC37	144	186.462	0.662	1.7	1.6312	0.0000	SURCHARGED
240 minute summer	FC38	152	185.572	0.122	0.9	1.4677	0.0000	SURCHARGED
240 minute summer	FC39	136	185.856	0.406	0.9	0.5081	0.0000	SURCHARGED
240 minute summer	FC40	136	186.078	0.578	1.2	0.8480	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC33	35.000	S12	0.8	0.920	0.055	0.0096	
240 minute summer	FC33	Infiltration		0.0				0.0
240 minute summer	FC34	36.000	J30	0.8	0.527	0.126	0.0071	
240 minute summer	FC34	Infiltration		0.0				0.0
240 minute summer	FC35	37.000	J31	0.8	0.956	0.055	0.0042	
240 minute summer	FC35	Infiltration		0.0				0.0
240 minute summer	FC36	38.000	J32	0.8	1.003	0.052	0.0039	
240 minute summer	FC36	Infiltration		0.0				0.0
240 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077	
240 minute summer	FC37	Infiltration		0.0				0.0
240 minute summer	FC38	40.000	J34	0.3	0.681	0.027	0.0023	
240 minute summer	FC38	Infiltration		0.0				0.0
240 minute summer	FC39	41.000	J35	0.6	0.905	0.044	0.0031	
240 minute summer	FC39	Infiltration		0.0				0.0
240 minute summer	FC40	42.000	J36	0.8	1.167	0.040	0.0033	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC41	136	185.472	0.622	1.2	0.8411	0.0000	SURCHARGED
240 minute summer	FC42	136	185.222	0.622	1.2	0.8433	0.0000	SURCHARGED
240 minute summer	FC43	136	185.220	0.620	1.2	0.8416	0.0000	SURCHARGED
240 minute summer	FC44	124	184.620	0.020	0.9	0.0255	0.0000	OK
240 minute summer	FC45	136	185.007	0.407	0.9	0.5087	0.0000	SURCHARGED
240 minute summer	FC46	144	185.358	0.658	1.7	1.6426	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.422	0.622	1.2	0.8380	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC40	Infiltration		0.0				0.0
240 minute summer	FC41	43.000	J37	0.8	0.768	0.075	0.0051	
240 minute summer	FC41	Infiltration		0.0				0.0
240 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0058	
240 minute summer	FC42	Infiltration		0.0				0.0
240 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
240 minute summer	FC43	Infiltration		0.0				0.0
240 minute summer	FC44	46.000	J40	0.9	0.803	0.084	0.0049	
240 minute summer	FC44	Infiltration		0.0				0.0
240 minute summer	FC45	47.000	S10	0.6	0.843	0.048	0.0035	
240 minute summer	FC45	Infiltration		0.0				0.0
240 minute summer	FC46	48.000	S20	0.8	0.506	0.135	0.0095	
240 minute summer	FC46	Infiltration		0.0				0.0
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
240 minute summer	FC48	50.000	J42	0.8	0.476	0.056	0.0086	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC49	136	185.423	0.623	1.2	0.8485	0.0000	SURCHARGED
240 minute summer	FC50	136	185.423	0.623	1.2	0.8484	0.0000	SURCHARGED
240 minute summer	FC51	136	185.473	0.623	1.2	0.8483	0.0000	SURCHARGED
240 minute summer	FC52	136	185.872	0.622	1.2	0.8416	0.0000	SURCHARGED
240 minute summer	FC53	136	185.873	0.623	1.2	0.8425	0.0000	SURCHARGED
240 minute summer	FC54	136	185.658	0.408	0.9	0.5102	0.0000	SURCHARGED
240 minute summer	FC55	136	185.656	0.406	0.9	0.5079	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC48	Infiltration		0.0				0.0
240 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
240 minute summer	FC49	Infiltration		0.0				0.0
240 minute summer	FC50	52.000	J43	0.8	0.511	0.132	0.0072	
240 minute summer	FC50	Infiltration		0.0				0.0
240 minute summer	FC51	55.000	S22	0.8	0.513	0.132	0.0094	
240 minute summer	FC51	Infiltration		0.0				0.0
240 minute summer	FC52	58.000	S23	0.8	0.748	0.078	0.0057	
240 minute summer	FC52	Infiltration		0.0				0.0
240 minute summer	FC53	61.000	J50	0.8	0.702	0.084	0.0048	
240 minute summer	FC53	Infiltration		0.0				0.0
240 minute summer	FC54	62.000	J51	0.6	0.733	0.059	0.0034	
240 minute summer	FC54	Infiltration		0.0				0.0
240 minute summer	FC55	64.000	J53	0.6	0.925	0.042	0.0028	
240 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC56	136	185.756	0.406	0.9	0.5076	0.0000	SURCHARGED
240 minute summer	FC57	136	185.756	0.406	0.9	0.5081	0.0000	SURCHARGED
240 minute summer	FC58	136	185.757	0.406	0.9	0.5085	0.0000	SURCHARGED
240 minute summer	FC59	136	185.757	0.407	0.9	0.5092	0.0000	SURCHARGED
240 minute summer	FC60	136	185.972	0.622	1.2	0.8397	0.0000	SURCHARGED
240 minute summer	FC61	136	185.923	0.623	1.2	0.8430	0.0000	SURCHARGED
240 minute summer	FC62	144	185.905	0.655	1.7	1.6382	0.0000	SURCHARGED
240 minute summer	FC63	136	185.812	0.412	0.9	0.5155	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC56	53.000	J44	0.6	0.955	0.041	0.0044	
240 minute summer	FC56	Infiltration		0.0				0.0
240 minute summer	FC57	54.000	J45	0.6	0.896	0.045	0.0046	
240 minute summer	FC57	Infiltration		0.0				0.0
240 minute summer	FC58	56.000	J46	0.6	0.862	0.047	0.0046	
240 minute summer	FC58	Infiltration		0.0				0.0
240 minute summer	FC59	57.000	J47	0.6	0.799	0.053	0.0051	
240 minute summer	FC59	Infiltration		0.0				0.0
240 minute summer	FC60	59.000	J48	0.8	0.841	0.066	0.0062	
240 minute summer	FC60	Infiltration		0.0				0.0
240 minute summer	FC61	60.000	J49	0.8	0.674	0.091	0.0086	
240 minute summer	FC61	Infiltration		0.0				0.0
240 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121	
240 minute summer	FC62	Infiltration		0.0				0.0
240 minute summer	FC63	65.000	S26	0.6	0.381	0.107	0.0047	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC64	136	185.576	0.426	0.9	0.5332	0.0000	SURCHARGED
240 minute summer	FC65	136	185.773	0.623	1.2	0.8413	0.0000	SURCHARGED
240 minute summer	FC66	136	185.623	0.623	1.2	0.8464	0.0000	SURCHARGED
240 minute summer	FC67	152	184.937	0.137	0.9	1.4055	0.0000	SURCHARGED
240 minute summer	FC68	136	184.959	0.409	0.9	0.5122	0.0000	SURCHARGED
240 minute summer	J1	124	188.269	0.069	5.9	0.1016	0.0000	OK
240 minute summer	J2	124	188.145	0.089	6.5	0.1006	0.0000	OK
240 minute summer	J3	124	188.129	0.079	7.3	0.0888	0.0000	OK
240 minute summer	J4	124	188.094	0.055	7.9	0.0627	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC63	Infiltration		0.0				0.0
240 minute summer	FC64	66.000	J54	0.6	0.248	0.109	0.0094	
240 minute summer	FC64	Infiltration		0.0				0.0
240 minute summer	FC65	67.000	J55	0.8	0.348	0.081	0.0064	
240 minute summer	FC65	Infiltration		0.0				0.0
240 minute summer	FC66	68.000	S24	0.8	0.572	0.109	0.0029	
240 minute summer	FC66	Infiltration		0.0				0.0
240 minute summer	FC67	69.000	J56	0.3	0.399	0.059	0.0018	
240 minute summer	FC67	Infiltration		0.0				0.0
240 minute summer	FC68	70.000	J57	0.6	0.634	0.070	0.0023	
240 minute summer	FC68	Infiltration		0.0				0.0
240 minute summer	J1	1.001	J2	5.8	1.075	0.704	0.0273	
240 minute summer	J2	1.002	J3	6.5	0.644	0.485	0.0105	
240 minute summer	J3	1.003	J4	7.3	0.960	0.550	0.0149	
240 minute summer	J4	1.004	J5	7.8	1.428	0.229	0.0194	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J5	128	187.960	0.049	8.5	0.0559	0.0000	OK
240 minute summer	J6	128	187.722	0.072	9.1	0.0810	0.0000	OK
240 minute summer	J7	128	187.609	0.084	9.8	0.0944	0.0000	OK
240 minute summer	J8	128	187.573	0.052	10.7	0.0589	0.0000	OK
240 minute summer	J9	128	187.364	0.089	11.1	0.1002	0.0000	OK
240 minute summer	J10	128	187.322	0.052	11.9	0.0593	0.0000	OK
240 minute summer	J11	128	187.196	0.075	12.7	0.0849	0.0000	OK
240 minute summer	J12	128	186.902	0.093	19.4	0.1052	0.0000	OK
240 minute summer	J13	128	186.773	0.146	19.7	0.1647	0.0000	OK
240 minute summer	J14	128	186.758	0.135	20.3	0.1532	0.0000	OK
240 minute summer	J15	128	186.736	0.119	21.0	0.1350	0.0000	OK
240 minute summer	J16	128	186.698	0.093	21.6	0.1055	0.0000	OK
240 minute summer	J17	128	186.353	0.070	22.2	0.0797	0.0000	OK
240 minute summer	J18	240	186.254	0.129	26.0	0.1463	0.0000	OK
240 minute summer	J19	236	186.256	0.229	26.7	0.2592	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J5	1.005	J6	8.5	1.286	0.223	0.0379	
240 minute summer	J6	1.006	J7	9.2	1.250	0.322	0.0144	
240 minute summer	J7	1.007	J8	10.0	1.000	0.325	0.0115	
240 minute summer	J8	1.008	J9	10.5	0.994	0.118	0.0907	
240 minute summer	J9	1.009	J10	11.1	1.048	0.333	0.0129	
240 minute summer	J10	1.010	J11	11.9	1.297	0.092	0.0227	
240 minute summer	J11	1.011	S2	12.7	0.708	0.197	0.0972	
240 minute summer	J12	1.013	J13	19.4	1.356	0.290	0.0926	
240 minute summer	J13	1.014	J14	19.7	0.610	0.349	0.0614	
240 minute summer	J14	1.015	J15	20.4	0.714	0.361	0.0546	
240 minute summer	J15	1.016	J16	21.0	0.939	0.393	0.1147	
240 minute summer	J16	1.017	J17	21.6	1.300	0.151	0.0559	
240 minute summer	J17	1.018	S3	22.2	1.084	0.071	0.0392	
240 minute summer	J18	1.020	J19	26.0	0.962	0.091	0.0621	
240 minute summer	J19	1.021	S4	26.7	0.857	0.485	0.2585	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J20	244	186.251	0.220	4.3	0.2483	0.0000	SURCHARGED
240 minute summer	J21	244	186.250	0.241	5.0	0.2731	0.0000	SURCHARGED
240 minute summer	J22	244	186.250	0.287	5.7	0.3251	0.0000	SURCHARGED
240 minute summer	J23	244	186.250	0.308	6.0	0.3488	0.0000	SURCHARGED
240 minute summer	J24	244	186.250	0.433	9.9	0.4900	0.0000	SURCHARGED
240 minute summer	J25	244	186.250	0.454	10.6	0.5137	0.0000	SURCHARGED
240 minute summer	J26	240	186.252	0.473	13.1	0.5346	0.0000	SURCHARGED
240 minute summer	J27	240	186.261	0.525	15.4	0.5940	0.0000	SURCHARGED
240 minute summer	J28	124	186.418	0.062	3.8	0.0701	0.0000	OK
240 minute summer	J29	128	186.341	0.070	4.4	0.0791	0.0000	OK
240 minute summer	J30	128	186.246	0.099	9.0	0.1124	0.0000	OK
240 minute summer	J31	128	186.138	0.094	9.8	0.1061	0.0000	OK
240 minute summer	J32	128	186.098	0.087	10.5	0.0984	0.0000	OK
240 minute summer	J33	128	185.591	0.056	14.4	0.0638	0.0000	OK
240 minute summer	J34	124	185.237	0.112	18.3	0.1261	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J20	23.002	J21	4.3	0.561	0.318	0.0665	
240 minute summer	J21	23.003	J22	5.0	0.586	0.370	0.1411	
240 minute summer	J22	23.004	J23	5.7	0.630	0.422	0.0633	
240 minute summer	J23	23.005	S18	6.0	0.712	0.451	0.1321	
240 minute summer	J24	23.007	J25	9.9	0.502	0.328	0.2458	
240 minute summer	J25	23.008	J26	10.7	0.498	0.353	0.1975	
240 minute summer	J26	23.009	S19	11.4	0.518	0.374	0.1474	
240 minute summer	J27	23.011	S4	15.4	0.788	0.517	0.0951	
240 minute summer	J28	32.001	J29	3.8	0.698	0.645	0.0482	
240 minute summer	J29	32.002	S12	4.4	0.786	0.735	0.0258	
240 minute summer	J30	32.004	J31	9.0	0.780	0.679	0.0574	
240 minute summer	J31	32.005	J32	9.8	0.655	0.325	0.1452	
240 minute summer	J32	32.006	S13	10.5	0.942	0.350	0.0596	
240 minute summer	J33	32.008	S14	14.4	1.086	0.139	0.1226	
240 minute summer	J34	32.010	J35	18.3	1.171	0.474	0.1414	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J35	128	185.151	0.076	18.9	0.0857	0.0000	OK
240 minute summer	J36	128	184.993	0.118	19.7	0.1335	0.0000	OK
240 minute summer	J37	128	184.620	0.120	24.0	0.1361	0.0000	OK
240 minute summer	J38	128	184.464	0.164	28.3	0.1860	0.0000	OK
240 minute summer	J39	128	184.423	0.149	29.0	0.1690	0.0000	OK
240 minute summer	J40	128	184.389	0.124	29.9	0.1398	0.0000	OK
240 minute summer	J41	144	184.622	0.025	0.8	0.0281	0.0000	OK
240 minute summer	J42	140	184.574	0.037	1.6	0.0416	0.0000	OK
240 minute summer	J43	128	184.459	0.078	5.1	0.0887	0.0000	OK
240 minute summer	J44	128	184.444	0.074	5.8	0.0839	0.0000	OK
240 minute summer	J45	128	184.401	0.081	6.4	0.0919	0.0000	OK
240 minute summer	J46	128	184.354	0.132	9.8	0.1494	0.0000	OK
240 minute summer	J47	128	184.348	0.141	10.4	0.1599	0.0000	OK
240 minute summer	J48	128	184.334	0.140	14.0	0.1587	0.0000	OK
240 minute summer	J49	128	184.321	0.152	14.8	0.1717	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J35	32.011	J36	18.9	1.157	0.212	0.1128	
240 minute summer	J36	32.012	S15	19.7	1.141	0.656	0.0410	
240 minute summer	J37	32.014	S16	24.0	1.189	0.434	0.1054	
240 minute summer	J38	32.016	J39	28.3	0.759	0.524	0.4033	
240 minute summer	J39	32.017	J40	29.1	0.933	0.532	0.1140	
240 minute summer	J40	32.018	S10	29.9	1.170	0.301	0.2450	
240 minute summer	J41	48.002	J42	0.8	0.437	0.135	0.0128	
240 minute summer	J42	48.003	S21	1.6	0.625	0.269	0.0208	
240 minute summer	J43	48.005	J44	5.2	0.575	0.369	0.0145	
240 minute summer	J44	48.006	J45	5.8	0.625	0.431	0.0808	
240 minute summer	J45	48.007	S22	6.4	0.704	0.469	0.0215	
240 minute summer	J46	48.009	J47	9.8	0.393	0.319	0.1064	
240 minute summer	J47	48.010	S23	10.4	0.391	0.346	0.0704	
240 minute summer	J48	48.012	J49	14.0	0.517	0.469	0.2031	
240 minute summer	J49	48.013	J50	14.8	0.530	0.482	0.0316	

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J50	128	184.311	0.146	15.5	0.1650	0.0000	OK
240 minute summer	J51	128	184.296	0.148	16.1	0.1669	0.0000	OK
240 minute summer	J52	128	184.281	0.137	16.9	0.1554	0.0000	OK
240 minute summer	J53	128	184.255	0.128	17.5	0.1450	0.0000	OK
240 minute summer	J54	124	185.193	0.064	3.8	0.0724	0.0000	OK
240 minute summer	J55	128	185.153	0.059	4.5	0.0668	0.0000	OK
240 minute summer	J56	128	184.174	0.167	25.5	0.1888	0.0000	OK
240 minute summer	J57	128	184.150	0.165	26.1	0.1863	0.0000	OK
240 minute summer	BASIN 1	244	186.250	1.324	45.7	174.0148	0.0000	SURCHARGED
240 minute summer	BASIN 2	384	184.850	0.550	4.1	55.6418	0.0000	OK
240 minute summer	BASIN 3	480	183.148	0.048	39.2	207.4464	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J50	48.014	J51	15.5	0.566	0.519	0.1391	
240 minute summer	J51	48.015	J52	16.1	0.608	0.526	0.0301	
240 minute summer	J52	48.016	J53	16.9	0.694	0.554	0.1188	
240 minute summer	J53	48.017	S24	17.5	0.823	0.580	0.2178	
240 minute summer	J54	65.002	J55	3.8	0.747	0.635	0.0184	
240 minute summer	J55	65.003	S24	4.5	0.971	0.590	0.0363	
240 minute summer	J56	48.019	J57	25.5	0.639	0.471	0.3628	
240 minute summer	J57	48.020	S25	26.1	0.686	0.478	0.2328	
240 minute summer	BASIN 1	1.023	S5	4.0	0.218	0.048	0.9418	
240 minute summer	BASIN 1	Infiltration		0.1				2.8
240 minute summer	BASIN 2	1.027	S7	3.6	0.567	0.044	0.1442	
240 minute summer	BASIN 2	71.000	BH1	1.3	0.562	0.218	0.1829	
240 minute summer	BASIN 2	Infiltration		0.0				0.0
240 minute summer	BASIN 3	1.034	BH2	1.3	0.341	0.010	0.1321	
240 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	BASIN 4	284	183.856	0.526	32.5	157.0443	0.0000	SURCHARGED
240 minute summer	SWALE 1	248	184.931	0.056	4.0	0.0808	0.0000	OK
240 minute summer	SWALE 2	384	184.428	0.053	3.6	0.0762	0.0000	OK
240 minute summer	SWALE 3	128	184.132	0.137	34.1	0.1959	0.0000	OK
240 minute summer	BH1	384	184.850	0.773	1.3	3.0426	0.0000	OK
240 minute summer	BH2	480	183.148	0.065	1.3	1.9276	0.0000	OK
240 minute summer	BH3	284	183.856	0.537	1.5	4.1101	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	BASIN 4	48.022	BH3	1.5	0.488	0.028	0.3211	
240 minute summer	BASIN 4	Infiltration		0.0				0.0
240 minute summer	SWALE 1	1.025	S6	4.0	0.396	0.048	0.3790	
240 minute summer	SWALE 2	1.029	S8	3.6	0.542	0.044	0.1775	
240 minute summer	SWALE 3	1.033	BASIN 3	34.3	0.966	0.274	1.5327	
240 minute summer	BH1	Infiltration		0.1				2.3
240 minute summer	BH2	Infiltration		0.2				0.5
240 minute summer	BH3	Infiltration		0.2				4.7

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.400	0.030	1.7	0.0441	0.0000	OK
240 minute winter	S2	128	187.156	0.117	14.6	0.2020	0.0000	OK
240 minute winter	S3	240	186.261	0.124	19.8	0.1652	0.0000	OK
240 minute winter	S4	240	186.266	0.888	34.3	1.1386	0.0000	SURCHARGED
240 minute winter	S5	240	186.261	1.351	4.0	1.9330	0.0000	SURCHARGED
240 minute winter	S6	364	184.864	0.056	4.0	0.0798	0.0000	OK
240 minute winter	S7	384	184.788	0.029	3.7	0.0412	0.0000	OK
240 minute winter	S8	384	184.361	0.031	3.7	0.0441	0.0000	OK
240 minute winter	S9	128	184.196	0.071	3.7	0.1019	0.0000	OK
240 minute winter	S10	128	184.196	0.083	25.4	0.1514	0.0000	OK
240 minute winter	S11	128	186.446	0.046	2.2	0.0720	0.0000	OK
240 minute winter	S12	128	186.257	0.081	6.1	0.1195	0.0000	OK
240 minute winter	S13	128	186.044	0.051	10.2	0.0760	0.0000	OK
240 minute winter	S14	128	185.267	0.092	13.5	0.1448	0.0000	OK
240 minute winter	S15	128	184.938	0.071	17.4	0.1120	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S1	1.000	J1	1.7	0.552	0.195	0.0257	
240 minute winter	S2	1.012	J12	14.6	0.772	0.487	0.0282	
240 minute winter	S3	1.019	J18	19.8	1.059	0.371	0.1484	
240 minute winter	S4	1.022	BASIN 1	34.0	1.113	0.203	1.1778	
240 minute winter	S5	1.024	SWALE 1	4.0	0.384	0.048	0.2109	
240 minute winter	S6	1.026	BASIN 2	4.0	0.474	0.046	0.0562	
240 minute winter	S7	1.028	SWALE 2	3.7	0.563	0.012	0.1120	
240 minute winter	S8	1.030	S9	3.7	0.594	0.014	0.0872	
240 minute winter	S9	1.031	S10	3.7	0.629	0.044	0.1091	
240 minute winter	S10	1.032	SWALE 3	25.4	1.081	0.077	0.1030	
240 minute winter	S11	32.000	J28	2.2	0.601	0.370	0.0167	
240 minute winter	S12	32.003	J30	6.1	0.619	0.454	0.0498	
240 minute winter	S13	32.007	J33	10.2	1.556	0.104	0.0852	
240 minute winter	S14	32.009	J34	13.5	0.862	0.265	0.0818	
240 minute winter	S15	32.013	J37	17.4	1.702	0.188	0.0954	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.549	0.062	20.5	0.0941	0.0000	OK
240 minute winter	S17	240	186.262	0.112	2.6	0.1776	0.0000	SURCHARGED
240 minute winter	S18	240	186.261	0.437	7.0	0.6461	0.0000	SURCHARGED
240 minute winter	S19	240	186.263	0.497	11.1	0.7160	0.0000	SURCHARGED
240 minute winter	S20	148	184.668	0.026	0.8	0.0289	0.0000	OK
240 minute winter	S21	128	184.468	0.059	3.6	0.0784	0.0000	OK
240 minute winter	S22	136	184.338	0.107	7.4	0.1385	0.0000	OK
240 minute winter	S23	136	184.322	0.124	10.5	0.1594	0.0000	OK
240 minute winter	S24	132	184.168	0.151	20.1	0.1986	0.0000	OK
240 minute winter	S25	132	184.106	0.136	22.7	0.1882	0.0000	OK
240 minute winter	S26	128	185.409	0.032	2.3	0.0475	0.0000	OK
240 minute winter	FC1	140	188.728	0.478	0.8	0.6165	0.0000	SURCHARGED
240 minute winter	FC2	140	188.629	0.479	0.8	0.6179	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S16	32.015	J38	20.5	0.997	0.065	0.0488	
240 minute winter	S17	23.001	J20	2.6	0.709	0.439	0.0560	
240 minute winter	S18	23.006	J24	7.0	0.468	0.219	0.0729	
240 minute winter	S19	23.010	J27	11.1	0.619	0.369	0.3541	
240 minute winter	S20	48.001	J41	0.8	0.513	0.133	0.0071	
240 minute winter	S21	48.004	J43	3.6	0.497	0.268	0.0366	
240 minute winter	S22	48.008	J46	7.4	0.397	0.234	0.0462	
240 minute winter	S23	48.011	J48	10.5	0.484	0.340	0.0245	
240 minute winter	S24	48.018	J56	20.1	0.581	0.376	0.1472	
240 minute winter	S25	48.021	BASIN 4	22.7	0.813	0.426	0.1074	
240 minute winter	S26	65.001	J54	2.3	0.729	0.223	0.0273	
240 minute winter	FC1	2.000	J1	0.7	0.316	0.110	0.0132	
240 minute winter	FC1	Infiltration		0.0				0.0
240 minute winter	FC2	3.000	J2	0.7	0.493	0.115	0.0064	
240 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC3	148	188.833	0.633	1.1	1.1702	0.0000	SURCHARGED
240 minute winter	FC4	136	188.496	0.296	0.6	0.3697	0.0000	SURCHARGED
240 minute winter	FC5	140	188.479	0.479	0.8	0.6181	0.0000	SURCHARGED
240 minute winter	FC6	136	188.144	0.294	0.6	0.3682	0.0000	SURCHARGED
240 minute winter	FC7	136	188.046	0.296	0.6	0.3702	0.0000	SURCHARGED
240 minute winter	FC8	140	188.224	0.474	0.8	0.6123	0.0000	SURCHARGED
240 minute winter	FC9	136	187.768	0.297	0.6	0.3722	0.0000	SURCHARGED
240 minute winter	FC10	148	188.105	0.635	1.1	1.1675	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
240 minute winter	FC3	Infiltration		0.0				0.0
240 minute winter	FC4	5.000	J4	0.5	0.543	0.072	0.0072	
240 minute winter	FC4	Infiltration		0.0				0.0
240 minute winter	FC5	6.000	J5	0.7	0.491	0.115	0.0058	
240 minute winter	FC5	Infiltration		0.0				0.0
240 minute winter	FC6	7.000	J6	0.5	0.605	0.061	0.0065	
240 minute winter	FC6	Infiltration		0.0				0.0
240 minute winter	FC7	8.000	J7	0.5	0.525	0.075	0.0074	
240 minute winter	FC7	Infiltration		0.0				0.0
240 minute winter	FC8	9.000	J8	0.7	0.689	0.071	0.0041	
240 minute winter	FC8	Infiltration		0.0				0.0
240 minute winter	FC9	10.000	J9	0.5	0.464	0.090	0.0083	
240 minute winter	FC9	Infiltration		0.0				0.0
240 minute winter	FC10	11.000	J10	0.8	0.559	0.119	0.0088	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC11	140	187.799	0.478	0.8	0.6177	0.0000	SURCHARGED
240 minute winter	FC12	140	187.709	0.479	0.8	0.6178	0.0000	SURCHARGED
240 minute winter	FC13	140	187.479	0.478	0.8	0.6177	0.0000	SURCHARGED
240 minute winter	FC14	164	187.059	0.159	0.8	2.0267	0.0000	SURCHARGED
240 minute winter	FC15	136	187.490	0.290	0.6	0.3632	0.0000	SURCHARGED
240 minute winter	FC16	136	187.197	0.297	0.6	0.3714	0.0000	SURCHARGED
240 minute winter	FC17	136	187.292	0.292	0.6	0.3654	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC10	Infiltration		0.0				0.0
240 minute winter	FC11	12.000	J11	0.7	0.495	0.116	0.0107	
240 minute winter	FC11	Infiltration		0.0				0.0
240 minute winter	FC12	13.000	S2	0.7	0.495	0.115	0.0095	
240 minute winter	FC12	Infiltration		0.0				0.0
240 minute winter	FC13	14.000	J12	0.7	0.496	0.115	0.0094	
240 minute winter	FC13	Infiltration		0.0				0.0
240 minute winter	FC14	15.000	J13	0.4	0.421	0.064	0.0068	
240 minute winter	FC14	Infiltration		0.0				0.0
240 minute winter	FC15	16.000	J14	0.5	0.978	0.031	0.0025	
240 minute winter	FC15	Infiltration		0.0				0.0
240 minute winter	FC16	17.000	J15	0.5	0.485	0.084	0.0083	
240 minute winter	FC16	Infiltration		0.0				0.0
240 minute winter	FC17	18.000	J16	0.5	0.767	0.044	0.0034	
240 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC18	136	186.848	0.298	0.6	0.3722	0.0000	SURCHARGED
240 minute winter	FC19	140	186.879	0.479	0.8	0.6178	0.0000	SURCHARGED
240 minute winter	FC20	140	187.421	0.471	0.8	0.6078	0.0000	SURCHARGED
240 minute winter	FC21	140	186.779	0.478	0.8	0.6177	0.0000	SURCHARGED
240 minute winter	FC22	160	186.579	0.129	0.6	1.2446	0.0000	SURCHARGED
240 minute winter	FC23	136	186.592	0.292	0.6	0.3648	0.0000	SURCHARGED
240 minute winter	FC24	140	186.772	0.472	0.8	0.6088	0.0000	SURCHARGED
240 minute winter	FC25	140	187.021	0.471	0.8	0.6078	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC18	19.000	J17	0.5	0.461	0.090	0.0081	
240 minute winter	FC18	Infiltration		0.0				0.0
240 minute winter	FC19	20.000	S3	0.7	0.494	0.116	0.0091	
240 minute winter	FC19	Infiltration		0.0				0.0
240 minute winter	FC20	21.000	J18	0.7	0.995	0.043	0.0030	
240 minute winter	FC20	Infiltration		0.0				0.0
240 minute winter	FC21	22.000	J19	0.7	0.495	0.116	0.0117	
240 minute winter	FC21	Infiltration		0.0				0.0
240 minute winter	FC22	23.000	S17	0.3	0.315	0.023	0.0195	
240 minute winter	FC22	Infiltration		0.0				0.0
240 minute winter	FC23	24.000	J20	0.5	0.812	0.040	0.0189	
240 minute winter	FC23	Infiltration		0.0				0.0
240 minute winter	FC24	25.000	J21	0.7	0.900	0.049	0.0194	
240 minute winter	FC24	Infiltration		0.0				0.0
240 minute winter	FC25	26.000	J22	0.7	0.988	0.043	0.0053	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC26	160	186.576	0.126	0.6	1.2685	0.0000	SURCHARGED
240 minute winter	FC27	136	186.790	0.290	0.6	0.3624	0.0000	SURCHARGED
240 minute winter	FC28	140	186.971	0.471	0.8	0.6078	0.0000	SURCHARGED
240 minute winter	FC29	140	186.971	0.471	0.8	0.6080	0.0000	SURCHARGED
240 minute winter	FC30	140	187.221	0.471	0.8	0.6085	0.0000	SURCHARGED
240 minute winter	FC31	136	186.744	0.294	0.6	0.3675	0.0000	SURCHARGED
240 minute winter	FC32	136	186.742	0.292	0.6	0.3649	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC25	Infiltration		0.0				0.0
240 minute winter	FC26	27.000	J23	0.3	0.713	0.026	0.0057	
240 minute winter	FC26	Infiltration		0.0				0.0
240 minute winter	FC27	28.000	J24	0.5	1.139	0.025	0.0185	
240 minute winter	FC27	Infiltration		0.0				0.0
240 minute winter	FC28	29.000	J25	0.7	0.993	0.043	0.0113	
240 minute winter	FC28	Infiltration		0.0				0.0
240 minute winter	FC29	30.000	J26	0.7	0.967	0.044	0.0119	
240 minute winter	FC29	Infiltration		0.0				0.0
240 minute winter	FC30	31.000	J27	0.7	0.928	0.047	0.0032	
240 minute winter	FC30	Infiltration		0.0				0.0
240 minute winter	FC31	33.000	J28	0.5	0.285	0.059	0.0100	
240 minute winter	FC31	Infiltration		0.0				0.0
240 minute winter	FC32	34.000	J29	0.5	0.249	0.042	0.0109	
240 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC33	140	186.921	0.471	0.8	0.6083	0.0000	SURCHARGED
240 minute winter	FC34	140	186.928	0.478	0.8	0.6174	0.0000	SURCHARGED
240 minute winter	FC35	140	186.921	0.471	0.8	0.6086	0.0000	SURCHARGED
240 minute winter	FC36	140	186.921	0.471	0.8	0.6081	0.0000	SURCHARGED
240 minute winter	FC37	148	186.437	0.637	1.1	1.1598	0.0000	SURCHARGED
240 minute winter	FC38	160	185.564	0.114	0.6	1.3720	0.0000	SURCHARGED
240 minute winter	FC39	136	185.741	0.291	0.6	0.3643	0.0000	SURCHARGED
240 minute winter	FC40	140	185.970	0.470	0.8	0.6066	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC33	35.000	S12	0.7	0.881	0.048	0.0057	
240 minute winter	FC33	Infiltration		0.0				0.0
240 minute winter	FC34	36.000	J30	0.7	0.508	0.110	0.0064	
240 minute winter	FC34	Infiltration		0.0				0.0
240 minute winter	FC35	37.000	J31	0.7	0.919	0.048	0.0038	
240 minute winter	FC35	Infiltration		0.0				0.0
240 minute winter	FC36	38.000	J32	0.7	0.963	0.045	0.0036	
240 minute winter	FC36	Infiltration		0.0				0.0
240 minute winter	FC37	39.000	J33	0.8	0.687	0.090	0.0076	
240 minute winter	FC37	Infiltration		0.0				0.0
240 minute winter	FC38	40.000	J34	0.3	0.674	0.026	0.0023	
240 minute winter	FC38	Infiltration		0.0				0.0
240 minute winter	FC39	41.000	J35	0.5	0.861	0.037	0.0027	
240 minute winter	FC39	Infiltration		0.0				0.0
240 minute winter	FC40	42.000	J36	0.7	1.132	0.036	0.0031	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC41	140	185.324	0.474	0.8	0.6113	0.0000	SURCHARGED
240 minute winter	FC42	140	185.075	0.475	0.8	0.6133	0.0000	SURCHARGED
240 minute winter	FC43	140	185.074	0.474	0.8	0.6115	0.0000	SURCHARGED
240 minute winter	FC44	124	184.617	0.017	0.6	0.0208	0.0000	OK
240 minute winter	FC45	136	184.892	0.292	0.6	0.3650	0.0000	SURCHARGED
240 minute winter	FC46	148	185.335	0.635	1.1	1.1702	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	185.271	0.471	0.8	0.6084	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC40	Infiltration		0.0				0.0
240 minute winter	FC41	43.000	J37	0.7	0.738	0.065	0.0047	
240 minute winter	FC41	Infiltration		0.0				0.0
240 minute winter	FC42	44.000	J38	0.7	0.643	0.079	0.0052	
240 minute winter	FC42	Infiltration		0.0				0.0
240 minute winter	FC43	45.000	J39	0.7	0.730	0.066	0.0041	
240 minute winter	FC43	Infiltration		0.0				0.0
240 minute winter	FC44	46.000	J40	0.6	0.718	0.056	0.0037	
240 minute winter	FC44	Infiltration		0.0				0.0
240 minute winter	FC45	47.000	S10	0.5	0.802	0.041	0.0031	
240 minute winter	FC45	Infiltration		0.0				0.0
240 minute winter	FC46	48.000	S20	0.8	0.503	0.133	0.0094	
240 minute winter	FC46	Infiltration		0.0				0.0
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
240 minute winter	FC48	50.000	J42	0.7	0.443	0.049	0.0080	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC49	140	185.279	0.479	0.8	0.6180	0.0000	SURCHARGED
240 minute winter	FC50	140	185.279	0.479	0.8	0.6180	0.0000	SURCHARGED
240 minute winter	FC51	140	185.329	0.479	0.8	0.6178	0.0000	SURCHARGED
240 minute winter	FC52	140	185.724	0.474	0.8	0.6117	0.0000	SURCHARGED
240 minute winter	FC53	140	185.725	0.475	0.8	0.6126	0.0000	SURCHARGED
240 minute winter	FC54	136	185.543	0.293	0.6	0.3665	0.0000	SURCHARGED
240 minute winter	FC55	136	185.541	0.291	0.6	0.3641	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC48	Infiltration		0.0				0.0
240 minute winter	FC49	51.000	S21	0.7	0.491	0.115	0.0061	
240 minute winter	FC49	Infiltration		0.0				0.0
240 minute winter	FC50	52.000	J43	0.7	0.492	0.115	0.0065	
240 minute winter	FC50	Infiltration		0.0				0.0
240 minute winter	FC51	55.000	S22	0.7	0.494	0.115	0.0085	
240 minute winter	FC51	Infiltration		0.0				0.0
240 minute winter	FC52	58.000	S23	0.7	0.718	0.068	0.0052	
240 minute winter	FC52	Infiltration		0.0				0.0
240 minute winter	FC53	61.000	J50	0.7	0.675	0.073	0.0043	
240 minute winter	FC53	Infiltration		0.0				0.0
240 minute winter	FC54	62.000	J51	0.5	0.699	0.049	0.0030	
240 minute winter	FC54	Infiltration		0.0				0.0
240 minute winter	FC55	64.000	J53	0.5	0.881	0.036	0.0025	
240 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC56	136	185.641	0.291	0.6	0.3638	0.0000	SURCHARGED
240 minute winter	FC57	136	185.641	0.291	0.6	0.3643	0.0000	SURCHARGED
240 minute winter	FC58	136	185.642	0.292	0.6	0.3647	0.0000	SURCHARGED
240 minute winter	FC59	136	185.642	0.292	0.6	0.3655	0.0000	SURCHARGED
240 minute winter	FC60	140	185.823	0.473	0.8	0.6101	0.0000	SURCHARGED
240 minute winter	FC61	140	185.775	0.475	0.8	0.6132	0.0000	SURCHARGED
240 minute winter	FC62	148	185.884	0.634	1.1	1.1645	0.0000	SURCHARGED
240 minute winter	FC63	136	185.697	0.297	0.6	0.3718	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC56	53.000	J44	0.5	0.908	0.034	0.0039	
240 minute winter	FC56	Infiltration		0.0				0.0
240 minute winter	FC57	54.000	J45	0.5	0.853	0.038	0.0041	
240 minute winter	FC57	Infiltration		0.0				0.0
240 minute winter	FC58	56.000	J46	0.5	0.820	0.040	0.0040	
240 minute winter	FC58	Infiltration		0.0				0.0
240 minute winter	FC59	57.000	J47	0.5	0.760	0.044	0.0045	
240 minute winter	FC59	Infiltration		0.0				0.0
240 minute winter	FC60	59.000	J48	0.7	0.808	0.058	0.0056	
240 minute winter	FC60	Infiltration		0.0				0.0
240 minute winter	FC61	60.000	J49	0.7	0.648	0.079	0.0078	
240 minute winter	FC61	Infiltration		0.0				0.0
240 minute winter	FC62	63.000	J52	0.8	0.623	0.103	0.0119	
240 minute winter	FC62	Infiltration		0.0				0.0
240 minute winter	FC63	65.000	S26	0.5	0.346	0.090	0.0039	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC64	136	185.457	0.307	0.6	0.3838	0.0000	SURCHARGED
240 minute winter	FC65	140	185.624	0.474	0.8	0.6116	0.0000	SURCHARGED
240 minute winter	FC66	140	185.477	0.477	0.8	0.6162	0.0000	SURCHARGED
240 minute winter	FC67	160	184.927	0.127	0.6	1.3053	0.0000	SURCHARGED
240 minute winter	FC68	136	184.845	0.295	0.6	0.3685	0.0000	SURCHARGED
240 minute winter	J1	128	188.254	0.054	4.0	0.0790	0.0000	OK
240 minute winter	J2	128	188.130	0.074	4.7	0.0840	0.0000	OK
240 minute winter	J3	128	188.117	0.067	5.5	0.0757	0.0000	OK
240 minute winter	J4	128	188.087	0.047	6.0	0.0537	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC63	Infiltration		0.0				0.0
240 minute winter	FC64	66.000	J54	0.5	0.224	0.091	0.0071	
240 minute winter	FC64	Infiltration		0.0				0.0
240 minute winter	FC65	67.000	J55	0.7	0.316	0.070	0.0053	
240 minute winter	FC65	Infiltration		0.0				0.0
240 minute winter	FC66	68.000	S24	0.7	0.552	0.095	0.0026	
240 minute winter	FC66	Infiltration		0.0				0.0
240 minute winter	FC67	69.000	J56	0.3	0.394	0.057	0.0018	
240 minute winter	FC67	Infiltration		0.0				0.0
240 minute winter	FC68	70.000	J57	0.5	0.604	0.059	0.0020	
240 minute winter	FC68	Infiltration		0.0				0.0
240 minute winter	J1	1.001	J2	4.0	0.996	0.488	0.0204	
240 minute winter	J2	1.002	J3	4.7	0.576	0.349	0.0085	
240 minute winter	J3	1.003	J4	5.5	0.887	0.412	0.0121	
240 minute winter	J4	1.004	J5	6.0	1.342	0.175	0.0158	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J5	128	187.953	0.043	6.6	0.0484	0.0000	OK
240 minute winter	J6	128	187.712	0.062	7.1	0.0696	0.0000	OK
240 minute winter	J7	128	187.599	0.073	7.6	0.0831	0.0000	OK
240 minute winter	J8	132	187.567	0.046	8.6	0.0523	0.0000	OK
240 minute winter	J9	132	187.353	0.078	8.8	0.0885	0.0000	OK
240 minute winter	J10	132	187.316	0.046	9.6	0.0521	0.0000	OK
240 minute winter	J11	132	187.187	0.066	10.3	0.0742	0.0000	OK
240 minute winter	J12	128	186.890	0.081	15.2	0.0912	0.0000	OK
240 minute winter	J13	128	186.755	0.127	15.5	0.1442	0.0000	OK
240 minute winter	J14	132	186.741	0.119	16.0	0.1347	0.0000	OK
240 minute winter	J15	132	186.722	0.105	16.5	0.1192	0.0000	OK
240 minute winter	J16	132	186.687	0.082	17.1	0.0924	0.0000	OK
240 minute winter	J17	132	186.343	0.060	17.6	0.0674	0.0000	OK
240 minute winter	J18	244	186.260	0.135	20.4	0.1523	0.0000	OK
240 minute winter	J19	236	186.265	0.238	21.1	0.2690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J5	1.005	J6	6.6	1.217	0.173	0.0311	
240 minute winter	J6	1.006	J7	7.1	1.180	0.251	0.0119	
240 minute winter	J7	1.007	J8	7.9	0.940	0.258	0.0097	
240 minute winter	J8	1.008	J9	8.3	0.930	0.093	0.0766	
240 minute winter	J9	1.009	J10	8.8	0.991	0.264	0.0109	
240 minute winter	J10	1.010	J11	9.6	1.259	0.074	0.0189	
240 minute winter	J11	1.011	S2	10.3	0.687	0.160	0.0814	
240 minute winter	J12	1.013	J13	15.2	1.277	0.227	0.0770	
240 minute winter	J13	1.014	J14	15.5	0.569	0.274	0.0517	
240 minute winter	J14	1.015	J15	16.0	0.666	0.284	0.0461	
240 minute winter	J15	1.016	J16	16.5	0.883	0.310	0.0963	
240 minute winter	J16	1.017	J17	17.1	1.227	0.120	0.0468	
240 minute winter	J17	1.018	S3	17.6	1.057	0.057	0.0320	
240 minute winter	J18	1.020	J19	20.6	0.925	0.072	0.0666	
240 minute winter	J19	1.021	S4	21.1	0.799	0.383	0.2690	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J20	240	186.262	0.230	3.1	0.2607	0.0000	SURCHARGED
240 minute winter	J21	240	186.262	0.252	3.8	0.2855	0.0000	SURCHARGED
240 minute winter	J22	240	186.262	0.298	4.4	0.3376	0.0000	SURCHARGED
240 minute winter	J23	240	186.262	0.319	4.7	0.3613	0.0000	SURCHARGED
240 minute winter	J24	240	186.261	0.444	7.5	0.5026	0.0000	SURCHARGED
240 minute winter	J25	240	186.262	0.466	8.1	0.5265	0.0000	SURCHARGED
240 minute winter	J26	240	186.260	0.481	8.8	0.5442	0.0000	SURCHARGED
240 minute winter	J27	220	186.265	0.529	11.7	0.5978	0.0000	SURCHARGED
240 minute winter	J28	128	186.406	0.050	2.7	0.0561	0.0000	OK
240 minute winter	J29	128	186.328	0.057	3.2	0.0643	0.0000	OK
240 minute winter	J30	128	186.230	0.083	6.7	0.0934	0.0000	OK
240 minute winter	J31	128	186.124	0.080	7.4	0.0907	0.0000	OK
240 minute winter	J32	128	186.087	0.076	8.0	0.0855	0.0000	OK
240 minute winter	J33	128	185.584	0.049	11.0	0.0556	0.0000	OK
240 minute winter	J34	128	185.220	0.095	13.7	0.1078	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J20	23.002	J21	3.1	0.517	0.231	0.0665	
240 minute winter	J21	23.003	J22	3.8	0.547	0.281	0.1411	
240 minute winter	J22	23.004	J23	4.4	0.592	0.326	0.0633	
240 minute winter	J23	23.005	S18	4.7	0.670	0.352	0.1321	
240 minute winter	J24	23.007	J25	7.5	0.482	0.249	0.2458	
240 minute winter	J25	23.008	J26	8.1	0.480	0.269	0.1975	
240 minute winter	J26	23.009	S19	8.8	0.498	0.288	0.1474	
240 minute winter	J27	23.011	S4	11.7	0.725	0.392	0.0951	
240 minute winter	J28	32.001	J29	2.7	0.641	0.458	0.0374	
240 minute winter	J29	32.002	S12	3.2	0.737	0.543	0.0204	
240 minute winter	J30	32.004	J31	6.7	0.716	0.506	0.0466	
240 minute winter	J31	32.005	J32	7.4	0.603	0.245	0.1187	
240 minute winter	J32	32.006	S13	8.0	0.879	0.266	0.0487	
240 minute winter	J33	32.008	S14	11.0	1.033	0.105	0.0982	
240 minute winter	J34	32.010	J35	13.7	1.097	0.356	0.1137	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J35	128	185.139	0.064	14.3	0.0720	0.0000	OK
240 minute winter	J36	128	184.976	0.101	14.9	0.1146	0.0000	OK
240 minute winter	J37	128	184.604	0.104	18.0	0.1171	0.0000	OK
240 minute winter	J38	128	184.439	0.139	21.2	0.1568	0.0000	OK
240 minute winter	J39	128	184.401	0.127	21.8	0.1432	0.0000	OK
240 minute winter	J40	128	184.370	0.105	22.4	0.1186	0.0000	OK
240 minute winter	J41	148	184.622	0.025	0.8	0.0279	0.0000	OK
240 minute winter	J42	140	184.572	0.035	1.5	0.0398	0.0000	OK
240 minute winter	J43	136	184.449	0.069	4.2	0.0784	0.0000	OK
240 minute winter	J44	136	184.436	0.066	4.8	0.0744	0.0000	OK
240 minute winter	J45	136	184.393	0.073	5.3	0.0821	0.0000	OK
240 minute winter	J46	136	184.333	0.111	7.9	0.1251	0.0000	OK
240 minute winter	J47	136	184.327	0.120	8.4	0.1356	0.0000	OK
240 minute winter	J48	136	184.313	0.119	11.2	0.1350	0.0000	OK
240 minute winter	J49	136	184.301	0.132	11.8	0.1492	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J35	32.011	J36	14.2	1.082	0.160	0.0911	
240 minute winter	J36	32.012	S15	14.9	1.065	0.496	0.0333	
240 minute winter	J37	32.014	S16	18.0	1.144	0.327	0.0829	
240 minute winter	J38	32.016	J39	21.2	0.705	0.392	0.3248	
240 minute winter	J39	32.017	J40	21.8	0.870	0.398	0.0917	
240 minute winter	J40	32.018	S10	22.4	1.086	0.225	0.1973	
240 minute winter	J41	48.002	J42	0.8	0.426	0.133	0.0123	
240 minute winter	J42	48.003	S21	1.5	0.612	0.249	0.0196	
240 minute winter	J43	48.005	J44	4.2	0.550	0.302	0.0124	
240 minute winter	J44	48.006	J45	4.8	0.599	0.356	0.0696	
240 minute winter	J45	48.007	S22	5.3	0.673	0.389	0.0187	
240 minute winter	J46	48.009	J47	7.9	0.388	0.256	0.0862	
240 minute winter	J47	48.010	S23	8.4	0.384	0.279	0.0579	
240 minute winter	J48	48.012	J49	11.2	0.492	0.373	0.1697	
240 minute winter	J49	48.013	J50	11.8	0.502	0.386	0.0268	

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J50	136	184.292	0.127	12.5	0.1435	0.0000	OK
240 minute winter	J51	136	184.278	0.130	13.1	0.1470	0.0000	OK
240 minute winter	J52	136	184.265	0.121	13.8	0.1373	0.0000	OK
240 minute winter	J53	136	184.241	0.114	14.4	0.1291	0.0000	OK
240 minute winter	J54	128	185.182	0.053	2.8	0.0602	0.0000	OK
240 minute winter	J55	128	185.144	0.050	3.5	0.0566	0.0000	OK
240 minute winter	J56	132	184.152	0.145	20.4	0.1644	0.0000	OK
240 minute winter	J57	132	184.130	0.145	21.0	0.1635	0.0000	OK
240 minute winter	BASIN 1	240	186.261	1.336	35.1	175.9546	0.0000	SURCHARGED
240 minute winter	BASIN 2	384	184.850	0.550	4.1	55.6496	0.0000	OK
240 minute winter	BASIN 3	480	183.149	0.049	28.8	207.7489	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J50	48.014	J51	12.5	0.535	0.419	0.1187	
240 minute winter	J51	48.015	J52	13.0	0.573	0.426	0.0259	
240 minute winter	J52	48.016	J53	13.8	0.658	0.454	0.1024	
240 minute winter	J53	48.017	S24	14.4	0.778	0.476	0.1894	
240 minute winter	J54	65.002	J55	2.8	0.691	0.476	0.0148	
240 minute winter	J55	65.003	S24	3.5	0.915	0.455	0.0297	
240 minute winter	J56	48.019	J57	20.4	0.606	0.377	0.3062	
240 minute winter	J57	48.020	S25	21.0	0.650	0.384	0.1976	
240 minute winter	BASIN 1	1.023	S5	4.0	0.191	0.048	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.8
240 minute winter	BASIN 2	1.027	S7	3.7	0.567	0.044	0.1445	
240 minute winter	BASIN 2	71.000	BH1	1.4	0.566	0.233	0.1829	
240 minute winter	BASIN 2	Infiltration		0.0				0.0
240 minute winter	BASIN 3	1.034	BH2	1.3	0.341	0.010	0.1349	
240 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	BASIN 4	284	183.858	0.528	25.4	157.8271	0.0000	SURCHARGED
240 minute winter	SWALE 1	240	184.931	0.057	4.0	0.0810	0.0000	OK
240 minute winter	SWALE 2	384	184.428	0.053	3.7	0.0763	0.0000	OK
240 minute winter	SWALE 3	128	184.111	0.116	25.4	0.1666	0.0000	OK
240 minute winter	BH1	384	184.850	0.773	1.4	3.0428	0.0000	OK
240 minute winter	BH2	480	183.149	0.066	1.3	1.9319	0.0000	OK
240 minute winter	BH3	284	183.858	0.539	1.7	4.1215	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	BASIN 4	48.022	BH3	1.7	0.498	0.031	0.3211	
240 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	4.0	0.396	0.048	0.3802	
240 minute winter	SWALE 2	1.029	S8	3.7	0.542	0.044	0.1778	
240 minute winter	SWALE 3	1.033	BASIN 3	25.3	0.890	0.203	1.2298	
240 minute winter	BH1	Infiltration		0.1				2.3
240 minute winter	BH2	Infiltration		0.2				0.5
240 minute winter	BH3	Infiltration		0.2				4.7

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.403	0.033	2.0	0.0478	0.0000	OK
360 minute summer	S2	184	187.159	0.120	15.4	0.2084	0.0000	OK
360 minute summer	S3	360	186.312	0.174	20.7	0.2319	0.0000	OK
360 minute summer	S4	368	186.309	0.931	36.0	1.1940	0.0000	SURCHARGED
360 minute summer	S5	360	186.309	1.399	4.1	2.0013	0.0000	SURCHARGED
360 minute summer	S6	392	184.866	0.058	4.1	0.0823	0.0000	OK
360 minute summer	S7	416	184.789	0.030	3.9	0.0425	0.0000	OK
360 minute summer	S8	416	184.362	0.032	3.9	0.0456	0.0000	OK
360 minute summer	S9	184	184.200	0.075	3.9	0.1069	0.0000	OK
360 minute summer	S10	184	184.200	0.087	27.2	0.1579	0.0000	OK
360 minute summer	S11	184	186.449	0.049	2.5	0.0776	0.0000	OK
360 minute summer	S12	184	186.261	0.085	6.6	0.1257	0.0000	OK
360 minute summer	S13	184	186.046	0.053	10.9	0.0786	0.0000	OK
360 minute summer	S14	184	185.271	0.096	14.5	0.1511	0.0000	OK
360 minute summer	S15	184	184.941	0.074	18.7	0.1165	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S1	1.000	J1	2.0	0.576	0.228	0.0285	
360 minute summer	S2	1.012	J12	15.4	0.787	0.516	0.0292	
360 minute summer	S3	1.019	J18	20.7	1.053	0.388	0.2223	
360 minute summer	S4	1.022	BASIN 1	35.7	1.029	0.213	1.1778	
360 minute summer	S5	1.024	SWALE 1	4.1	0.390	0.049	0.2135	
360 minute summer	S6	1.026	BASIN 2	4.1	0.476	0.047	0.0588	
360 minute summer	S7	1.028	SWALE 2	3.9	0.575	0.013	0.1170	
360 minute summer	S8	1.030	S9	3.9	0.608	0.015	0.0935	
360 minute summer	S9	1.031	S10	3.9	0.642	0.047	0.1163	
360 minute summer	S10	1.032	SWALE 3	27.1	1.098	0.082	0.1082	
360 minute summer	S11	32.000	J28	2.5	0.620	0.418	0.0182	
360 minute summer	S12	32.003	J30	6.6	0.633	0.491	0.0527	
360 minute summer	S13	32.007	J33	10.8	1.584	0.111	0.0890	
360 minute summer	S14	32.009	J34	14.5	0.878	0.285	0.0862	
360 minute summer	S15	32.013	J37	18.6	1.731	0.202	0.1005	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.552	0.065	22.1	0.0993	0.0000	OK
360 minute summer	S17	360	186.310	0.160	3.0	0.2547	0.0000	SURCHARGED
360 minute summer	S18	360	186.309	0.485	7.6	0.7172	0.0000	SURCHARGED
360 minute summer	S19	368	186.309	0.543	11.9	0.7826	0.0000	SURCHARGED
360 minute summer	S20	208	184.668	0.026	0.8	0.0290	0.0000	OK
360 minute summer	S21	184	184.469	0.060	3.7	0.0802	0.0000	OK
360 minute summer	S22	192	184.341	0.110	7.6	0.1429	0.0000	OK
360 minute summer	S23	192	184.325	0.127	10.9	0.1638	0.0000	OK
360 minute summer	S24	192	184.172	0.155	21.0	0.2039	0.0000	OK
360 minute summer	S25	192	184.109	0.139	23.7	0.1928	0.0000	OK
360 minute summer	S26	184	185.411	0.034	2.6	0.0505	0.0000	OK
360 minute summer	FC1	200	188.751	0.501	0.9	0.6471	0.0000	SURCHARGED
360 minute summer	FC2	200	188.652	0.502	0.9	0.6484	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S16	32.015	J38	22.1	1.010	0.069	0.0516	
360 minute summer	S17	23.001	J20	3.0	0.731	0.500	0.0560	
360 minute summer	S18	23.006	J24	7.6	0.477	0.238	0.0729	
360 minute summer	S19	23.010	J27	11.9	0.633	0.396	0.3541	
360 minute summer	S20	48.001	J41	0.8	0.514	0.133	0.0071	
360 minute summer	S21	48.004	J43	3.7	0.504	0.278	0.0375	
360 minute summer	S22	48.008	J46	7.6	0.397	0.243	0.0481	
360 minute summer	S23	48.011	J48	10.9	0.490	0.355	0.0254	
360 minute summer	S24	48.018	J56	21.0	0.586	0.393	0.1522	
360 minute summer	S25	48.021	BASIN 4	23.7	0.823	0.445	0.1108	
360 minute summer	S26	65.001	J54	2.6	0.757	0.250	0.0293	
360 minute summer	FC1	2.000	J1	0.7	0.310	0.113	0.0142	
360 minute summer	FC1	Infiltration		0.0				0.0
360 minute summer	FC2	3.000	J2	0.7	0.497	0.118	0.0071	
360 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC3	208	188.833	0.633	1.3	1.1845	0.0000	SURCHARGED
360 minute summer	FC4	192	188.517	0.317	0.7	0.3965	0.0000	SURCHARGED
360 minute summer	FC5	200	188.502	0.502	0.9	0.6486	0.0000	SURCHARGED
360 minute summer	FC6	192	188.166	0.316	0.7	0.3951	0.0000	SURCHARGED
360 minute summer	FC7	192	188.067	0.317	0.7	0.3970	0.0000	SURCHARGED
360 minute summer	FC8	200	188.248	0.498	0.9	0.6429	0.0000	SURCHARGED
360 minute summer	FC9	192	187.789	0.319	0.7	0.3989	0.0000	SURCHARGED
360 minute summer	FC10	208	188.106	0.636	1.3	1.1815	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
360 minute summer	FC3	Infiltration		0.0				0.0
360 minute summer	FC4	5.000	J4	0.6	0.549	0.074	0.0074	
360 minute summer	FC4	Infiltration		0.0				0.0
360 minute summer	FC5	6.000	J5	0.7	0.494	0.118	0.0059	
360 minute summer	FC5	Infiltration		0.0				0.0
360 minute summer	FC6	7.000	J6	0.6	0.611	0.064	0.0066	
360 minute summer	FC6	Infiltration		0.0				0.0
360 minute summer	FC7	8.000	J7	0.6	0.531	0.078	0.0076	
360 minute summer	FC7	Infiltration		0.0				0.0
360 minute summer	FC8	9.000	J8	0.7	0.694	0.073	0.0042	
360 minute summer	FC8	Infiltration		0.0				0.0
360 minute summer	FC9	10.000	J9	0.6	0.468	0.093	0.0085	
360 minute summer	FC9	Infiltration		0.0				0.0
360 minute summer	FC10	11.000	J10	0.8	0.559	0.119	0.0088	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC11	200	187.822	0.502	0.9	0.6482	0.0000	SURCHARGED
360 minute summer	FC12	200	187.732	0.502	0.9	0.6483	0.0000	SURCHARGED
360 minute summer	FC13	200	187.502	0.502	0.9	0.6482	0.0000	SURCHARGED
360 minute summer	FC14	216	187.055	0.155	0.9	1.9782	0.0000	SURCHARGED
360 minute summer	FC15	192	187.512	0.312	0.7	0.3904	0.0000	SURCHARGED
360 minute summer	FC16	192	187.218	0.318	0.7	0.3982	0.0000	SURCHARGED
360 minute summer	FC17	192	187.314	0.314	0.7	0.3924	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC10	Infiltration		0.0				0.0
360 minute summer	FC11	12.000	J11	0.7	0.499	0.118	0.0109	
360 minute summer	FC11	Infiltration		0.0				0.0
360 minute summer	FC12	13.000	S2	0.7	0.498	0.118	0.0097	
360 minute summer	FC12	Infiltration		0.0				0.0
360 minute summer	FC13	14.000	J12	0.7	0.500	0.118	0.0096	
360 minute summer	FC13	Infiltration		0.0				0.0
360 minute summer	FC14	15.000	J13	0.4	0.419	0.063	0.0068	
360 minute summer	FC14	Infiltration		0.0				0.0
360 minute summer	FC15	16.000	J14	0.6	0.989	0.032	0.0026	
360 minute summer	FC15	Infiltration		0.0				0.0
360 minute summer	FC16	17.000	J15	0.6	0.489	0.087	0.0086	
360 minute summer	FC16	Infiltration		0.0				0.0
360 minute summer	FC17	18.000	J16	0.6	0.775	0.045	0.0034	
360 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC18	192	186.869	0.319	0.7	0.3990	0.0000	SURCHARGED
360 minute summer	FC19	200	186.902	0.502	0.9	0.6483	0.0000	SURCHARGED
360 minute summer	FC20	200	187.445	0.495	0.9	0.6384	0.0000	SURCHARGED
360 minute summer	FC21	200	186.802	0.502	0.9	0.6482	0.0000	SURCHARGED
360 minute summer	FC22	216	186.578	0.128	0.7	1.2371	0.0000	SURCHARGED
360 minute summer	FC23	192	186.613	0.313	0.7	0.3918	0.0000	SURCHARGED
360 minute summer	FC24	200	186.795	0.495	0.9	0.6395	0.0000	SURCHARGED
360 minute summer	FC25	200	187.045	0.495	0.9	0.6385	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC18	19.000	J17	0.6	0.466	0.093	0.0083	
360 minute summer	FC18	Infiltration		0.0				0.0
360 minute summer	FC19	20.000	S3	0.7	0.497	0.119	0.0093	
360 minute summer	FC19	Infiltration		0.0				0.0
360 minute summer	FC20	21.000	J18	0.7	1.003	0.044	0.0030	
360 minute summer	FC20	Infiltration		0.0				0.0
360 minute summer	FC21	22.000	J19	0.7	0.499	0.119	0.0296	
360 minute summer	FC21	Infiltration		0.0				0.0
360 minute summer	FC22	23.000	S17	0.3	0.301	0.023	0.0196	
360 minute summer	FC22	Infiltration		0.0				0.0
360 minute summer	FC23	24.000	J20	0.6	0.821	0.041	0.0189	
360 minute summer	FC23	Infiltration		0.0				0.0
360 minute summer	FC24	25.000	J21	0.7	0.906	0.050	0.0195	
360 minute summer	FC24	Infiltration		0.0				0.0
360 minute summer	FC25	26.000	J22	0.7	0.995	0.044	0.0162	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC26	216	186.575	0.125	0.7	1.2607	0.0000	SURCHARGED
360 minute summer	FC27	192	186.812	0.312	0.7	0.3897	0.0000	SURCHARGED
360 minute summer	FC28	200	186.995	0.495	0.9	0.6384	0.0000	SURCHARGED
360 minute summer	FC29	200	186.995	0.495	0.9	0.6387	0.0000	SURCHARGED
360 minute summer	FC30	200	187.245	0.495	0.9	0.6391	0.0000	SURCHARGED
360 minute summer	FC31	192	186.765	0.315	0.7	0.3944	0.0000	SURCHARGED
360 minute summer	FC32	192	186.763	0.313	0.7	0.3919	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC25	Infiltration		0.0				0.0
360 minute summer	FC26	27.000	J23	0.3	0.712	0.026	0.0160	
360 minute summer	FC26	Infiltration		0.0				0.0
360 minute summer	FC27	28.000	J24	0.6	1.151	0.026	0.0185	
360 minute summer	FC27	Infiltration		0.0				0.0
360 minute summer	FC28	29.000	J25	0.7	1.001	0.044	0.0174	
360 minute summer	FC28	Infiltration		0.0				0.0
360 minute summer	FC29	30.000	J26	0.7	0.974	0.046	0.0189	
360 minute summer	FC29	Infiltration		0.0				0.0
360 minute summer	FC30	31.000	J27	0.7	0.935	0.048	0.0033	
360 minute summer	FC30	Infiltration		0.0				0.0
360 minute summer	FC31	33.000	J28	0.6	0.288	0.061	0.0106	
360 minute summer	FC31	Infiltration		0.0				0.0
360 minute summer	FC32	34.000	J29	0.6	0.251	0.044	0.0115	
360 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC33	200	186.945	0.495	0.9	0.6389	0.0000	SURCHARGED
360 minute summer	FC34	200	186.952	0.502	0.9	0.6479	0.0000	SURCHARGED
360 minute summer	FC35	200	186.945	0.495	0.9	0.6392	0.0000	SURCHARGED
360 minute summer	FC36	200	186.945	0.495	0.9	0.6387	0.0000	SURCHARGED
360 minute summer	FC37	208	186.437	0.637	1.3	1.1737	0.0000	SURCHARGED
360 minute summer	FC38	216	185.564	0.114	0.7	1.3646	0.0000	SURCHARGED
360 minute summer	FC39	192	185.763	0.313	0.7	0.3913	0.0000	SURCHARGED
360 minute summer	FC40	200	185.994	0.494	0.9	0.6373	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC33	35.000	S12	0.7	0.886	0.049	0.0065	
360 minute summer	FC33	Infiltration		0.0				0.0
360 minute summer	FC34	36.000	J30	0.7	0.511	0.113	0.0065	
360 minute summer	FC34	Infiltration		0.0				0.0
360 minute summer	FC35	37.000	J31	0.7	0.926	0.049	0.0039	
360 minute summer	FC35	Infiltration		0.0				0.0
360 minute summer	FC36	38.000	J32	0.7	0.970	0.046	0.0036	
360 minute summer	FC36	Infiltration		0.0				0.0
360 minute summer	FC37	39.000	J33	0.8	0.688	0.090	0.0076	
360 minute summer	FC37	Infiltration		0.0				0.0
360 minute summer	FC38	40.000	J34	0.3	0.673	0.026	0.0023	
360 minute summer	FC38	Infiltration		0.0				0.0
360 minute summer	FC39	41.000	J35	0.6	0.870	0.038	0.0028	
360 minute summer	FC39	Infiltration		0.0				0.0
360 minute summer	FC40	42.000	J36	0.7	1.140	0.037	0.0031	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC41	200	185.347	0.497	0.9	0.6419	0.0000	SURCHARGED
360 minute summer	FC42	200	185.099	0.499	0.9	0.6439	0.0000	SURCHARGED
360 minute summer	FC43	200	185.097	0.497	0.9	0.6421	0.0000	SURCHARGED
360 minute summer	FC44	184	184.618	0.018	0.7	0.0224	0.0000	OK
360 minute summer	FC45	192	184.913	0.313	0.7	0.3920	0.0000	SURCHARGED
360 minute summer	FC46	208	185.336	0.636	1.3	1.1841	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.295	0.495	0.9	0.6390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC40	Infiltration		0.0				0.0
360 minute summer	FC41	43.000	J37	0.7	0.744	0.067	0.0047	
360 minute summer	FC41	Infiltration		0.0				0.0
360 minute summer	FC42	44.000	J38	0.7	0.648	0.081	0.0053	
360 minute summer	FC42	Infiltration		0.0				0.0
360 minute summer	FC43	45.000	J39	0.7	0.735	0.068	0.0041	
360 minute summer	FC43	Infiltration		0.0				0.0
360 minute summer	FC44	46.000	J40	0.7	0.749	0.065	0.0041	
360 minute summer	FC44	Infiltration		0.0				0.0
360 minute summer	FC45	47.000	S10	0.6	0.810	0.042	0.0031	
360 minute summer	FC45	Infiltration		0.0				0.0
360 minute summer	FC46	48.000	S20	0.8	0.503	0.133	0.0094	
360 minute summer	FC46	Infiltration		0.0				0.0
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
360 minute summer	FC48	50.000	J42	0.7	0.449	0.050	0.0081	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC49	200	185.302	0.502	0.9	0.6485	0.0000	SURCHARGED
360 minute summer	FC50	200	185.302	0.502	0.9	0.6485	0.0000	SURCHARGED
360 minute summer	FC51	200	185.352	0.502	0.9	0.6483	0.0000	SURCHARGED
360 minute summer	FC52	200	185.748	0.497	0.9	0.6422	0.0000	SURCHARGED
360 minute summer	FC53	200	185.748	0.498	0.9	0.6432	0.0000	SURCHARGED
360 minute summer	FC54	192	185.565	0.314	0.7	0.3934	0.0000	SURCHARGED
360 minute summer	FC55	192	185.563	0.313	0.7	0.3912	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC48	Infiltration		0.0				0.0
360 minute summer	FC49	51.000	S21	0.7	0.495	0.118	0.0062	
360 minute summer	FC49	Infiltration		0.0				0.0
360 minute summer	FC50	52.000	J43	0.7	0.495	0.118	0.0066	
360 minute summer	FC50	Infiltration		0.0				0.0
360 minute summer	FC51	55.000	S22	0.7	0.498	0.118	0.0086	
360 minute summer	FC51	Infiltration		0.0				0.0
360 minute summer	FC52	58.000	S23	0.7	0.724	0.069	0.0053	
360 minute summer	FC52	Infiltration		0.0				0.0
360 minute summer	FC53	61.000	J50	0.7	0.680	0.075	0.0044	
360 minute summer	FC53	Infiltration		0.0				0.0
360 minute summer	FC54	62.000	J51	0.6	0.705	0.051	0.0031	
360 minute summer	FC54	Infiltration		0.0				0.0
360 minute summer	FC55	64.000	J53	0.6	0.890	0.037	0.0026	
360 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC56	192	185.663	0.312	0.7	0.3909	0.0000	SURCHARGED
360 minute summer	FC57	192	185.663	0.313	0.7	0.3914	0.0000	SURCHARGED
360 minute summer	FC58	192	185.663	0.313	0.7	0.3917	0.0000	SURCHARGED
360 minute summer	FC59	192	185.664	0.314	0.7	0.3924	0.0000	SURCHARGED
360 minute summer	FC60	200	185.846	0.496	0.9	0.6407	0.0000	SURCHARGED
360 minute summer	FC61	200	185.799	0.499	0.9	0.6437	0.0000	SURCHARGED
360 minute summer	FC62	208	185.885	0.634	1.3	1.1786	0.0000	SURCHARGED
360 minute summer	FC63	192	185.719	0.319	0.7	0.3985	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC56	53.000	J44	0.6	0.918	0.036	0.0040	
360 minute summer	FC56	Infiltration		0.0				0.0
360 minute summer	FC57	54.000	J45	0.6	0.862	0.039	0.0042	
360 minute summer	FC57	Infiltration		0.0				0.0
360 minute summer	FC58	56.000	J46	0.6	0.828	0.041	0.0041	
360 minute summer	FC58	Infiltration		0.0				0.0
360 minute summer	FC59	57.000	J47	0.6	0.768	0.046	0.0046	
360 minute summer	FC59	Infiltration		0.0				0.0
360 minute summer	FC60	59.000	J48	0.7	0.813	0.059	0.0057	
360 minute summer	FC60	Infiltration		0.0				0.0
360 minute summer	FC61	60.000	J49	0.7	0.653	0.081	0.0079	
360 minute summer	FC61	Infiltration		0.0				0.0
360 minute summer	FC62	63.000	J52	0.8	0.623	0.103	0.0119	
360 minute summer	FC62	Infiltration		0.0				0.0
360 minute summer	FC63	65.000	S26	0.5	0.354	0.093	0.0042	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC64	192	185.479	0.329	0.7	0.4114	0.0000	SURCHARGED
360 minute summer	FC65	200	185.647	0.497	0.9	0.6421	0.0000	SURCHARGED
360 minute summer	FC66	200	185.501	0.501	0.9	0.6467	0.0000	SURCHARGED
360 minute summer	FC67	216	184.926	0.126	0.7	1.2949	0.0000	SURCHARGED
360 minute summer	FC68	192	184.866	0.316	0.7	0.3953	0.0000	SURCHARGED
360 minute summer	J1	184	188.258	0.058	4.6	0.0858	0.0000	OK
360 minute summer	J2	184	188.134	0.078	5.2	0.0887	0.0000	OK
360 minute summer	J3	184	188.120	0.070	6.0	0.0793	0.0000	OK
360 minute summer	J4	184	188.089	0.050	6.5	0.0561	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC63	Infiltration		0.0				0.0
360 minute summer	FC64	66.000	J54	0.6	0.227	0.095	0.0077	
360 minute summer	FC64	Infiltration		0.0				0.0
360 minute summer	FC65	67.000	J55	0.7	0.318	0.072	0.0055	
360 minute summer	FC65	Infiltration		0.0				0.0
360 minute summer	FC66	68.000	S24	0.7	0.556	0.097	0.0027	
360 minute summer	FC66	Infiltration		0.0				0.0
360 minute summer	FC67	69.000	J56	0.3	0.394	0.057	0.0018	
360 minute summer	FC67	Infiltration		0.0				0.0
360 minute summer	FC68	70.000	J57	0.6	0.610	0.061	0.0021	
360 minute summer	FC68	Infiltration		0.0				0.0
360 minute summer	J1	1.001	J2	4.6	1.023	0.553	0.0225	
360 minute summer	J2	1.002	J3	5.2	0.598	0.387	0.0090	
360 minute summer	J3	1.003	J4	6.0	0.909	0.449	0.0128	
360 minute summer	J4	1.004	J5	6.5	1.369	0.189	0.0167	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J5	184	187.955	0.044	7.1	0.0503	0.0000	OK
360 minute summer	J6	184	187.714	0.064	7.6	0.0721	0.0000	OK
360 minute summer	J7	184	187.601	0.076	8.1	0.0854	0.0000	OK
360 minute summer	J8	192	187.568	0.047	8.9	0.0534	0.0000	OK
360 minute summer	J9	192	187.355	0.080	9.2	0.0905	0.0000	OK
360 minute summer	J10	192	187.317	0.047	10.0	0.0534	0.0000	OK
360 minute summer	J11	192	187.188	0.067	10.7	0.0762	0.0000	OK
360 minute summer	J12	184	186.892	0.083	16.0	0.0940	0.0000	OK
360 minute summer	J13	184	186.758	0.131	16.3	0.1478	0.0000	OK
360 minute summer	J14	192	186.744	0.122	16.8	0.1379	0.0000	OK
360 minute summer	J15	192	186.725	0.108	17.3	0.1219	0.0000	OK
360 minute summer	J16	192	186.689	0.084	17.8	0.0947	0.0000	OK
360 minute summer	J17	192	186.344	0.061	18.4	0.0695	0.0000	OK
360 minute summer	J18	368	186.311	0.186	21.4	0.2106	0.0000	OK
360 minute summer	J19	360	186.315	0.288	24.1	0.3260	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J5	1.005	J6	7.1	1.237	0.185	0.0326	
360 minute summer	J6	1.006	J7	7.6	1.196	0.266	0.0125	
360 minute summer	J7	1.007	J8	8.2	0.941	0.267	0.0100	
360 minute summer	J8	1.008	J9	8.7	0.944	0.097	0.0791	
360 minute summer	J9	1.009	J10	9.2	1.002	0.276	0.0112	
360 minute summer	J10	1.010	J11	10.0	1.273	0.078	0.0196	
360 minute summer	J11	1.011	S2	10.7	0.690	0.166	0.0841	
360 minute summer	J12	1.013	J13	16.0	1.293	0.239	0.0801	
360 minute summer	J13	1.014	J14	16.3	0.578	0.287	0.0534	
360 minute summer	J14	1.015	J15	16.7	0.676	0.297	0.0475	
360 minute summer	J15	1.016	J16	17.3	0.893	0.324	0.0995	
360 minute summer	J16	1.017	J17	17.8	1.240	0.125	0.0484	
360 minute summer	J17	1.018	S3	18.4	1.063	0.059	0.0424	
360 minute summer	J18	1.020	J19	23.8	0.932	0.083	0.0850	
360 minute summer	J19	1.021	S4	22.1	0.809	0.400	0.3060	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J20	360	186.310	0.279	3.5	0.3153	0.0000	SURCHARGED
360 minute summer	J21	360	186.310	0.301	4.1	0.3401	0.0000	SURCHARGED
360 minute summer	J22	360	186.310	0.347	4.7	0.3920	0.0000	SURCHARGED
360 minute summer	J23	360	186.310	0.368	5.0	0.4157	0.0000	SURCHARGED
360 minute summer	J24	360	186.309	0.492	8.1	0.5569	0.0000	SURCHARGED
360 minute summer	J25	360	186.310	0.514	8.7	0.5812	0.0000	SURCHARGED
360 minute summer	J26	360	186.309	0.530	9.3	0.5997	0.0000	SURCHARGED
360 minute summer	J27	360	186.312	0.576	12.5	0.6510	0.0000	SURCHARGED
360 minute summer	J28	184	186.409	0.053	3.0	0.0595	0.0000	OK
360 minute summer	J29	184	186.331	0.060	3.5	0.0674	0.0000	OK
360 minute summer	J30	184	186.233	0.086	7.2	0.0972	0.0000	OK
360 minute summer	J31	184	186.127	0.083	7.8	0.0934	0.0000	OK
360 minute summer	J32	184	186.088	0.077	8.4	0.0876	0.0000	OK
360 minute summer	J33	184	185.586	0.051	11.6	0.0572	0.0000	OK
360 minute summer	J34	184	185.224	0.099	14.7	0.1118	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J20	23.002	J21	3.5	0.534	0.256	0.0665	
360 minute summer	J21	23.003	J22	4.1	0.560	0.303	0.1411	
360 minute summer	J22	23.004	J23	4.7	0.603	0.345	0.0633	
360 minute summer	J23	23.005	S18	4.9	0.677	0.368	0.1321	
360 minute summer	J24	23.007	J25	8.1	0.489	0.268	0.2458	
360 minute summer	J25	23.008	J26	8.6	0.483	0.286	0.1975	
360 minute summer	J26	23.009	S19	9.2	0.498	0.302	0.1474	
360 minute summer	J27	23.011	S4	12.5	0.738	0.417	0.0951	
360 minute summer	J28	32.001	J29	3.0	0.659	0.503	0.0399	
360 minute summer	J29	32.002	S12	3.5	0.748	0.584	0.0215	
360 minute summer	J30	32.004	J31	7.2	0.729	0.540	0.0489	
360 minute summer	J31	32.005	J32	7.8	0.614	0.258	0.1232	
360 minute summer	J32	32.006	S13	8.4	0.890	0.278	0.0506	
360 minute summer	J33	32.008	S14	11.6	1.042	0.112	0.1034	
360 minute summer	J34	32.010	J35	14.7	1.115	0.381	0.1195	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J35	184	185.141	0.066	15.2	0.0748	0.0000	OK
360 minute summer	J36	184	184.980	0.105	15.8	0.1183	0.0000	OK
360 minute summer	J37	184	184.607	0.107	19.2	0.1212	0.0000	OK
360 minute summer	J38	184	184.444	0.144	22.7	0.1631	0.0000	OK
360 minute summer	J39	184	184.405	0.131	23.3	0.1484	0.0000	OK
360 minute summer	J40	184	184.374	0.109	23.9	0.1229	0.0000	OK
360 minute summer	J41	208	184.622	0.025	0.8	0.0279	0.0000	OK
360 minute summer	J42	200	184.572	0.035	1.5	0.0401	0.0000	OK
360 minute summer	J43	192	184.451	0.071	4.3	0.0798	0.0000	OK
360 minute summer	J44	192	184.437	0.067	4.9	0.0758	0.0000	OK
360 minute summer	J45	192	184.394	0.074	5.4	0.0836	0.0000	OK
360 minute summer	J46	192	184.336	0.114	8.2	0.1290	0.0000	OK
360 minute summer	J47	192	184.330	0.123	8.7	0.1395	0.0000	OK
360 minute summer	J48	192	184.317	0.123	11.6	0.1388	0.0000	OK
360 minute summer	J49	192	184.304	0.135	12.3	0.1529	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J35	32.011	J36	15.2	1.099	0.170	0.0954	
360 minute summer	J36	32.012	S15	15.8	1.077	0.526	0.0349	
360 minute summer	J37	32.014	S16	19.2	1.153	0.348	0.0877	
360 minute summer	J38	32.016	J39	22.6	0.718	0.419	0.3412	
360 minute summer	J39	32.017	J40	23.2	0.883	0.424	0.0962	
360 minute summer	J40	32.018	S10	23.8	1.103	0.239	0.2068	
360 minute summer	J41	48.002	J42	0.8	0.427	0.133	0.0124	
360 minute summer	J42	48.003	S21	1.5	0.614	0.253	0.0198	
360 minute summer	J43	48.005	J44	4.3	0.554	0.311	0.0126	
360 minute summer	J44	48.006	J45	4.9	0.602	0.367	0.0713	
360 minute summer	J45	48.007	S22	5.4	0.678	0.402	0.0191	
360 minute summer	J46	48.009	J47	8.2	0.389	0.266	0.0895	
360 minute summer	J47	48.010	S23	8.7	0.386	0.290	0.0599	
360 minute summer	J48	48.012	J49	11.6	0.498	0.389	0.1752	
360 minute summer	J49	48.013	J50	12.3	0.506	0.402	0.0276	

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J50	192	184.295	0.130	13.0	0.1471	0.0000	OK
360 minute summer	J51	192	184.281	0.133	13.6	0.1504	0.0000	OK
360 minute summer	J52	192	184.268	0.124	14.3	0.1403	0.0000	OK
360 minute summer	J53	192	184.244	0.117	14.9	0.1318	0.0000	OK
360 minute summer	J54	184	185.185	0.056	3.1	0.0635	0.0000	OK
360 minute summer	J55	184	185.146	0.052	3.7	0.0588	0.0000	OK
360 minute summer	J56	192	184.156	0.149	21.3	0.1688	0.0000	OK
360 minute summer	J57	192	184.133	0.148	21.9	0.1676	0.0000	OK
360 minute summer	BASIN 1	360	186.309	1.384	37.0	184.1781	0.0000	SURCHARGED
360 minute summer	BASIN 2	408	184.852	0.551	4.2	55.8362	0.0000	OK
360 minute summer	BASIN 3	600	183.253	0.153	30.8	250.3066	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J50	48.014	J51	13.0	0.540	0.435	0.1222	
360 minute summer	J51	48.015	J52	13.6	0.579	0.442	0.0266	
360 minute summer	J52	48.016	J53	14.3	0.664	0.470	0.1052	
360 minute summer	J53	48.017	S24	14.9	0.786	0.494	0.1943	
360 minute summer	J54	65.002	J55	3.1	0.711	0.518	0.0157	
360 minute summer	J55	65.003	S24	3.7	0.928	0.483	0.0311	
360 minute summer	J56	48.019	J57	21.3	0.612	0.393	0.3165	
360 minute summer	J57	48.020	S25	21.9	0.656	0.401	0.2041	
360 minute summer	BASIN 1	1.023	S5	4.1	0.158	0.049	0.9418	
360 minute summer	BASIN 1	Infiltration		0.1				3.5
360 minute summer	BASIN 2	1.027	S7	3.9	0.580	0.047	0.1510	
360 minute summer	BASIN 2	71.000	BH1	1.1	0.558	0.182	0.1829	
360 minute summer	BASIN 2	Infiltration		0.0				0.0
360 minute summer	BASIN 3	1.034	BH2	1.6	0.361	0.013	0.5879	
360 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	BASIN 4	400	183.925	0.595	26.5	179.2158	0.0000	SURCHARGED
360 minute summer	SWALE 1	352	184.931	0.057	4.1	0.0817	0.0000	OK
360 minute summer	SWALE 2	416	184.430	0.055	3.9	0.0786	0.0000	OK
360 minute summer	SWALE 3	184	184.115	0.120	27.1	0.1719	0.0000	OK
360 minute summer	BH1	408	184.851	0.774	1.1	3.0475	0.0000	OK
360 minute summer	BH2	600	183.253	0.170	1.6	2.4489	0.0000	OK
360 minute summer	BH3	400	183.925	0.606	1.1	4.4314	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	BASIN 4	48.022	BH3	1.1	0.463	0.021	0.3211	
360 minute summer	BASIN 4	Infiltration		0.0				0.0
360 minute summer	SWALE 1	1.025	S6	4.1	0.398	0.049	0.3934	
360 minute summer	SWALE 2	1.029	S8	3.9	0.553	0.047	0.1858	
360 minute summer	SWALE 3	1.033	BASIN 3	26.8	0.903	0.214	1.2827	
360 minute summer	BH1	Infiltration		0.1				3.0
360 minute summer	BH2	Infiltration		0.2				2.6
360 minute summer	BH3	Infiltration		0.2				5.9

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.396	0.026	1.3	0.0384	0.0000	OK
360 minute winter	S2	192	187.141	0.102	11.4	0.1771	0.0000	OK
360 minute winter	S3	352	186.314	0.177	15.6	0.2357	0.0000	OK
360 minute winter	S4	352	186.310	0.932	26.8	1.1953	0.0000	SURCHARGED
360 minute winter	S5	352	186.311	1.401	4.1	2.0053	0.0000	SURCHARGED
360 minute winter	S6	392	184.866	0.057	4.1	0.0822	0.0000	OK
360 minute winter	S7	408	184.789	0.030	3.9	0.0424	0.0000	OK
360 minute winter	S8	416	184.362	0.032	3.9	0.0455	0.0000	OK
360 minute winter	S9	184	184.184	0.058	3.9	0.0837	0.0000	OK
360 minute winter	S10	184	184.184	0.070	19.5	0.1283	0.0000	OK
360 minute winter	S11	192	186.438	0.038	1.6	0.0595	0.0000	OK
360 minute winter	S12	192	186.243	0.067	4.5	0.0994	0.0000	OK
360 minute winter	S13	192	186.037	0.044	7.8	0.0661	0.0000	OK
360 minute winter	S14	192	185.253	0.078	10.3	0.1236	0.0000	OK
360 minute winter	S15	184	184.929	0.062	13.3	0.0968	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S1	1.000	J1	1.3	0.512	0.148	0.0210	
360 minute winter	S2	1.012	J12	11.4	0.719	0.383	0.0238	
360 minute winter	S3	1.019	J18	15.6	1.059	0.294	0.2274	
360 minute winter	S4	1.022	BASIN 1	26.6	1.054	0.159	1.1778	
360 minute winter	S5	1.024	SWALE 1	4.1	0.390	0.049	0.2138	
360 minute winter	S6	1.026	BASIN 2	4.1	0.476	0.047	0.0586	
360 minute winter	S7	1.028	SWALE 2	3.9	0.574	0.013	0.1168	
360 minute winter	S8	1.030	S9	3.9	0.607	0.015	0.0784	
360 minute winter	S9	1.031	S10	3.9	0.641	0.046	0.0843	
360 minute winter	S10	1.032	SWALE 3	19.4	1.026	0.059	0.0833	
360 minute winter	S11	32.000	J28	1.6	0.559	0.269	0.0130	
360 minute winter	S12	32.003	J30	4.5	0.579	0.339	0.0398	
360 minute winter	S13	32.007	J33	7.8	1.439	0.080	0.0705	
360 minute winter	S14	32.009	J34	10.3	0.806	0.203	0.0670	
360 minute winter	S15	32.013	J37	13.3	1.589	0.144	0.0783	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	184	184.538	0.051	15.8	0.0781	0.0000	OK
360 minute winter	S17	352	186.313	0.163	2.0	0.2586	0.0000	SURCHARGED
360 minute winter	S18	352	186.312	0.488	5.4	0.7213	0.0000	SURCHARGED
360 minute winter	S19	352	186.312	0.546	8.6	0.7862	0.0000	SURCHARGED
360 minute winter	S20	208	184.667	0.025	0.7	0.0279	0.0000	OK
360 minute winter	S21	192	184.461	0.052	2.9	0.0691	0.0000	OK
360 minute winter	S22	192	184.320	0.089	5.9	0.1156	0.0000	OK
360 minute winter	S23	192	184.303	0.105	8.3	0.1358	0.0000	OK
360 minute winter	S24	192	184.148	0.131	15.9	0.1723	0.0000	OK
360 minute winter	S25	192	184.090	0.120	17.9	0.1656	0.0000	OK
360 minute winter	S26	192	185.404	0.027	1.7	0.0404	0.0000	OK
360 minute winter	FC1	200	188.587	0.337	0.6	0.4349	0.0000	SURCHARGED
360 minute winter	FC2	200	188.488	0.338	0.6	0.4362	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S16	32.015	J38	15.8	0.955	0.050	0.0394	
360 minute winter	S17	23.001	J20	2.0	0.662	0.333	0.0560	
360 minute winter	S18	23.006	J24	5.4	0.452	0.170	0.0729	
360 minute winter	S19	23.010	J27	8.5	0.579	0.285	0.3541	
360 minute winter	S20	48.001	J41	0.7	0.504	0.123	0.0068	
360 minute winter	S21	48.004	J43	2.9	0.479	0.218	0.0310	
360 minute winter	S22	48.008	J46	5.9	0.396	0.187	0.0365	
360 minute winter	S23	48.011	J48	8.3	0.468	0.270	0.0200	
360 minute winter	S24	48.018	J56	15.9	0.552	0.298	0.1224	
360 minute winter	S25	48.021	BASIN 4	17.8	0.758	0.335	0.0907	
360 minute winter	S26	65.001	J54	1.7	0.672	0.163	0.0217	
360 minute winter	FC1	2.000	J1	0.6	0.285	0.092	0.0109	
360 minute winter	FC1	Infiltration		0.0				0.0
360 minute winter	FC2	3.000	J2	0.6	0.469	0.096	0.0055	
360 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC3	208	188.751	0.551	0.8	0.7442	0.0000	SURCHARGED
360 minute winter	FC4	208	188.370	0.170	0.4	0.2122	0.0000	SURCHARGED
360 minute winter	FC5	200	188.338	0.338	0.6	0.4363	0.0000	SURCHARGED
360 minute winter	FC6	208	188.019	0.168	0.4	0.2108	0.0000	SURCHARGED
360 minute winter	FC7	208	187.920	0.170	0.4	0.2126	0.0000	SURCHARGED
360 minute winter	FC8	200	188.084	0.334	0.6	0.4308	0.0000	SURCHARGED
360 minute winter	FC9	208	187.641	0.171	0.4	0.2145	0.0000	SURCHARGED
360 minute winter	FC10	208	188.020	0.550	0.8	0.7435	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC3	4.000	J3	0.7	0.528	0.118	0.0130	
360 minute winter	FC3	Infiltration		0.0				0.0
360 minute winter	FC4	5.000	J4	0.4	0.499	0.053	0.0058	
360 minute winter	FC4	Infiltration		0.0				0.0
360 minute winter	FC5	6.000	J5	0.6	0.467	0.096	0.0050	
360 minute winter	FC5	Infiltration		0.0				0.0
360 minute winter	FC6	7.000	J6	0.4	0.555	0.046	0.0052	
360 minute winter	FC6	Infiltration		0.0				0.0
360 minute winter	FC7	8.000	J7	0.4	0.482	0.056	0.0060	
360 minute winter	FC7	Infiltration		0.0				0.0
360 minute winter	FC8	9.000	J8	0.6	0.654	0.059	0.0036	
360 minute winter	FC8	Infiltration		0.0				0.0
360 minute winter	FC9	10.000	J9	0.4	0.426	0.067	0.0067	
360 minute winter	FC9	Infiltration		0.0				0.0
360 minute winter	FC10	11.000	J10	0.7	0.547	0.111	0.0084	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC11	200	187.658	0.338	0.6	0.4360	0.0000	SURCHARGED
360 minute winter	FC12	200	187.568	0.338	0.6	0.4360	0.0000	SURCHARGED
360 minute winter	FC13	200	187.338	0.338	0.6	0.4360	0.0000	SURCHARGED
360 minute winter	FC14	232	187.046	0.146	0.6	1.8572	0.0000	SURCHARGED
360 minute winter	FC15	208	187.365	0.165	0.4	0.2063	0.0000	SURCHARGED
360 minute winter	FC16	208	187.071	0.171	0.4	0.2138	0.0000	SURCHARGED
360 minute winter	FC17	208	187.166	0.166	0.4	0.2081	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC10	Infiltration		0.0				0.0
360 minute winter	FC11	12.000	J11	0.6	0.471	0.096	0.0093	
360 minute winter	FC11	Infiltration		0.0				0.0
360 minute winter	FC12	13.000	S2	0.6	0.470	0.096	0.0083	
360 minute winter	FC12	Infiltration		0.0				0.0
360 minute winter	FC13	14.000	J12	0.6	0.471	0.096	0.0082	
360 minute winter	FC13	Infiltration		0.0				0.0
360 minute winter	FC14	15.000	J13	0.4	0.415	0.061	0.0066	
360 minute winter	FC14	Infiltration		0.0				0.0
360 minute winter	FC15	16.000	J14	0.4	0.897	0.023	0.0021	
360 minute winter	FC15	Infiltration		0.0				0.0
360 minute winter	FC16	17.000	J15	0.4	0.445	0.063	0.0068	
360 minute winter	FC16	Infiltration		0.0				0.0
360 minute winter	FC17	18.000	J16	0.4	0.703	0.032	0.0027	
360 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC18	208	186.722	0.171	0.4	0.2145	0.0000	SURCHARGED
360 minute winter	FC19	200	186.738	0.338	0.6	0.4361	0.0000	SURCHARGED
360 minute winter	FC20	200	187.280	0.330	0.6	0.4263	0.0000	SURCHARGED
360 minute winter	FC21	200	186.638	0.338	0.6	0.4360	0.0000	SURCHARGED
360 minute winter	FC22	216	186.549	0.099	0.4	0.9603	0.0000	OK
360 minute winter	FC23	208	186.466	0.166	0.4	0.2075	0.0000	SURCHARGED
360 minute winter	FC24	200	186.631	0.331	0.6	0.4274	0.0000	SURCHARGED
360 minute winter	FC25	200	186.880	0.330	0.6	0.4263	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC18	19.000	J17	0.4	0.424	0.067	0.0066	
360 minute winter	FC18	Infiltration		0.0				0.0
360 minute winter	FC19	20.000	S3	0.6	0.469	0.096	0.0080	
360 minute winter	FC19	Infiltration		0.0				0.0
360 minute winter	FC20	21.000	J18	0.6	0.945	0.035	0.0026	
360 minute winter	FC20	Infiltration		0.0				0.0
360 minute winter	FC21	22.000	J19	0.6	0.470	0.096	0.0296	
360 minute winter	FC21	Infiltration		0.0				0.0
360 minute winter	FC22	23.000	S17	0.3	0.264	0.020	0.0195	
360 minute winter	FC22	Infiltration		0.0				0.0
360 minute winter	FC23	24.000	J20	0.4	0.744	0.030	0.0192	
360 minute winter	FC23	Infiltration		0.0				0.0
360 minute winter	FC24	25.000	J21	0.6	0.853	0.041	0.0194	
360 minute winter	FC24	Infiltration		0.0				0.0
360 minute winter	FC25	26.000	J22	0.6	0.938	0.036	0.0167	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC26	232	186.548	0.098	0.4	0.9844	0.0000	OK
360 minute winter	FC27	208	186.665	0.165	0.4	0.2063	0.0000	SURCHARGED
360 minute winter	FC28	200	186.830	0.330	0.6	0.4263	0.0000	SURCHARGED
360 minute winter	FC29	200	186.830	0.330	0.6	0.4266	0.0000	SURCHARGED
360 minute winter	FC30	200	187.081	0.331	0.6	0.4270	0.0000	SURCHARGED
360 minute winter	FC31	208	186.618	0.168	0.4	0.2102	0.0000	SURCHARGED
360 minute winter	FC32	208	186.616	0.166	0.4	0.2076	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC25	Infiltration		0.0				0.0
360 minute winter	FC26	27.000	J23	0.3	0.684	0.022	0.0164	
360 minute winter	FC26	Infiltration		0.0				0.0
360 minute winter	FC27	28.000	J24	0.4	1.042	0.018	0.0184	
360 minute winter	FC27	Infiltration		0.0				0.0
360 minute winter	FC28	29.000	J25	0.6	0.943	0.036	0.0174	
360 minute winter	FC28	Infiltration		0.0				0.0
360 minute winter	FC29	30.000	J26	0.6	0.917	0.037	0.0189	
360 minute winter	FC29	Infiltration		0.0				0.0
360 minute winter	FC30	31.000	J27	0.6	0.880	0.039	0.0028	
360 minute winter	FC30	Infiltration		0.0				0.0
360 minute winter	FC31	33.000	J28	0.4	0.243	0.044	0.0079	
360 minute winter	FC31	Infiltration		0.0				0.0
360 minute winter	FC32	34.000	J29	0.4	0.216	0.031	0.0087	
360 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC33	200	186.781	0.331	0.6	0.4269	0.0000	SURCHARGED
360 minute winter	FC34	200	186.788	0.337	0.6	0.4357	0.0000	SURCHARGED
360 minute winter	FC35	200	186.781	0.331	0.6	0.4271	0.0000	SURCHARGED
360 minute winter	FC36	200	186.781	0.330	0.6	0.4266	0.0000	SURCHARGED
360 minute winter	FC37	208	186.348	0.547	0.8	0.7396	0.0000	SURCHARGED
360 minute winter	FC38	232	185.541	0.091	0.4	1.0939	0.0000	OK
360 minute winter	FC39	208	185.616	0.165	0.4	0.2070	0.0000	SURCHARGED
360 minute winter	FC40	200	185.829	0.329	0.6	0.4251	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC33	35.000	S12	0.6	0.854	0.040	0.0032	
360 minute winter	FC33	Infiltration		0.0				0.0
360 minute winter	FC34	36.000	J30	0.6	0.482	0.092	0.0056	
360 minute winter	FC34	Infiltration		0.0				0.0
360 minute winter	FC35	37.000	J31	0.6	0.871	0.040	0.0034	
360 minute winter	FC35	Infiltration		0.0				0.0
360 minute winter	FC36	38.000	J32	0.6	0.913	0.037	0.0031	
360 minute winter	FC36	Infiltration		0.0				0.0
360 minute winter	FC37	39.000	J33	0.7	0.673	0.083	0.0072	
360 minute winter	FC37	Infiltration		0.0				0.0
360 minute winter	FC38	40.000	J34	0.3	0.649	0.023	0.0021	
360 minute winter	FC38	Infiltration		0.0				0.0
360 minute winter	FC39	41.000	J35	0.4	0.789	0.027	0.0022	
360 minute winter	FC39	Infiltration		0.0				0.0
360 minute winter	FC40	42.000	J36	0.6	1.071	0.030	0.0027	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC41	200	185.183	0.333	0.6	0.4298	0.0000	SURCHARGED
360 minute winter	FC42	200	184.935	0.334	0.6	0.4318	0.0000	SURCHARGED
360 minute winter	FC43	200	184.933	0.333	0.6	0.4300	0.0000	SURCHARGED
360 minute winter	FC44	168	184.614	0.014	0.4	0.0170	0.0000	OK
360 minute winter	FC45	208	184.766	0.166	0.4	0.2077	0.0000	SURCHARGED
360 minute winter	FC46	208	185.252	0.552	0.8	0.7451	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	200	185.131	0.331	0.6	0.4270	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC40	Infiltration		0.0				0.0
360 minute winter	FC41	43.000	J37	0.6	0.701	0.054	0.0041	
360 minute winter	FC41	Infiltration		0.0				0.0
360 minute winter	FC42	44.000	J38	0.6	0.610	0.066	0.0046	
360 minute winter	FC42	Infiltration		0.0				0.0
360 minute winter	FC43	45.000	J39	0.6	0.693	0.055	0.0036	
360 minute winter	FC43	Infiltration		0.0				0.0
360 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
360 minute winter	FC44	Infiltration		0.0				0.0
360 minute winter	FC45	47.000	S10	0.4	0.735	0.030	0.0025	
360 minute winter	FC45	Infiltration		0.0				0.0
360 minute winter	FC46	48.000	S20	0.7	0.494	0.124	0.0089	
360 minute winter	FC46	Infiltration		0.0				0.0
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0038	
360 minute winter	FC48	50.000	J42	0.6	0.410	0.041	0.0072	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC49	200	185.138	0.338	0.6	0.4363	0.0000	SURCHARGED
360 minute winter	FC50	200	185.138	0.338	0.6	0.4362	0.0000	SURCHARGED
360 minute winter	FC51	200	185.188	0.338	0.6	0.4361	0.0000	SURCHARGED
360 minute winter	FC52	200	185.583	0.333	0.6	0.4302	0.0000	SURCHARGED
360 minute winter	FC53	200	185.584	0.334	0.6	0.4311	0.0000	SURCHARGED
360 minute winter	FC54	208	185.417	0.167	0.4	0.2092	0.0000	SURCHARGED
360 minute winter	FC55	208	185.415	0.165	0.4	0.2068	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC48	Infiltration		0.0				0.0
360 minute winter	FC49	51.000	S21	0.6	0.467	0.096	0.0053	
360 minute winter	FC49	Infiltration		0.0				0.0
360 minute winter	FC50	52.000	J43	0.6	0.468	0.096	0.0057	
360 minute winter	FC50	Infiltration		0.0				0.0
360 minute winter	FC51	55.000	S22	0.6	0.470	0.096	0.0074	
360 minute winter	FC51	Infiltration		0.0				0.0
360 minute winter	FC52	58.000	S23	0.6	0.682	0.056	0.0045	
360 minute winter	FC52	Infiltration		0.0				0.0
360 minute winter	FC53	61.000	J50	0.6	0.641	0.061	0.0038	
360 minute winter	FC53	Infiltration		0.0				0.0
360 minute winter	FC54	62.000	J51	0.4	0.641	0.037	0.0025	
360 minute winter	FC54	Infiltration		0.0				0.0
360 minute winter	FC55	64.000	J53	0.4	0.807	0.027	0.0020	
360 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC56	208	185.515	0.165	0.4	0.2065	0.0000	SURCHARGED
360 minute winter	FC57	208	185.516	0.166	0.4	0.2071	0.0000	SURCHARGED
360 minute winter	FC58	208	185.516	0.166	0.4	0.2074	0.0000	SURCHARGED
360 minute winter	FC59	208	185.516	0.166	0.4	0.2082	0.0000	SURCHARGED
360 minute winter	FC60	200	185.682	0.332	0.6	0.4286	0.0000	SURCHARGED
360 minute winter	FC61	200	185.634	0.334	0.6	0.4316	0.0000	SURCHARGED
360 minute winter	FC62	208	185.799	0.549	0.8	0.7413	0.0000	SURCHARGED
360 minute winter	FC63	208	185.571	0.171	0.4	0.2141	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC56	53.000	J44	0.4	0.831	0.026	0.0031	
360 minute winter	FC56	Infiltration		0.0				0.0
360 minute winter	FC57	54.000	J45	0.4	0.780	0.028	0.0033	
360 minute winter	FC57	Infiltration		0.0				0.0
360 minute winter	FC58	56.000	J46	0.4	0.750	0.030	0.0033	
360 minute winter	FC58	Infiltration		0.0				0.0
360 minute winter	FC59	57.000	J47	0.4	0.696	0.033	0.0036	
360 minute winter	FC59	Infiltration		0.0				0.0
360 minute winter	FC60	59.000	J48	0.6	0.767	0.048	0.0049	
360 minute winter	FC60	Infiltration		0.0				0.0
360 minute winter	FC61	60.000	J49	0.6	0.615	0.066	0.0068	
360 minute winter	FC61	Infiltration		0.0				0.0
360 minute winter	FC62	63.000	J52	0.7	0.610	0.096	0.0113	
360 minute winter	FC62	Infiltration		0.0				0.0
360 minute winter	FC63	65.000	S26	0.4	0.318	0.067	0.0032	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC64	208	185.326	0.176	0.4	0.2200	0.0000	SURCHARGED
360 minute winter	FC65	200	185.483	0.333	0.6	0.4301	0.0000	SURCHARGED
360 minute winter	FC66	200	185.337	0.337	0.6	0.4345	0.0000	SURCHARGED
360 minute winter	FC67	232	184.900	0.100	0.4	1.0239	0.0000	OK
360 minute winter	FC68	208	184.719	0.169	0.4	0.2110	0.0000	SURCHARGED
360 minute winter	J1	184	188.246	0.046	3.1	0.0674	0.0000	OK
360 minute winter	J2	184	188.121	0.065	3.7	0.0732	0.0000	OK
360 minute winter	J3	184	188.109	0.059	4.3	0.0668	0.0000	OK
360 minute winter	J4	184	188.081	0.042	4.7	0.0469	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC63	Infiltration		0.0				0.0
360 minute winter	FC64	66.000	J54	0.4	0.202	0.068	0.0052	
360 minute winter	FC64	Infiltration		0.0				0.0
360 minute winter	FC65	67.000	J55	0.6	0.315	0.059	0.0044	
360 minute winter	FC65	Infiltration		0.0				0.0
360 minute winter	FC66	68.000	S24	0.6	0.525	0.079	0.0023	
360 minute winter	FC66	Infiltration		0.0				0.0
360 minute winter	FC67	69.000	J56	0.3	0.380	0.050	0.0016	
360 minute winter	FC67	Infiltration		0.0				0.0
360 minute winter	FC68	70.000	J57	0.4	0.557	0.044	0.0016	
360 minute winter	FC68	Infiltration		0.0				0.0
360 minute winter	J1	1.001	J2	3.1	0.937	0.376	0.0167	
360 minute winter	J2	1.002	J3	3.7	0.533	0.272	0.0071	
360 minute winter	J3	1.003	J4	4.3	0.837	0.326	0.0101	
360 minute winter	J4	1.004	J5	4.7	1.269	0.138	0.0131	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J5	184	187.948	0.038	5.2	0.0426	0.0000	OK
360 minute winter	J6	184	187.703	0.053	5.6	0.0604	0.0000	OK
360 minute winter	J7	200	187.590	0.065	6.0	0.0734	0.0000	OK
360 minute winter	J8	200	187.562	0.041	6.6	0.0467	0.0000	OK
360 minute winter	J9	200	187.344	0.069	7.0	0.0782	0.0000	OK
360 minute winter	J10	200	187.311	0.040	7.7	0.0458	0.0000	OK
360 minute winter	J11	200	187.179	0.057	8.3	0.0650	0.0000	OK
360 minute winter	J12	192	186.880	0.071	12.0	0.0798	0.0000	OK
360 minute winter	J13	192	186.739	0.112	12.3	0.1271	0.0000	OK
360 minute winter	J14	192	186.727	0.105	12.7	0.1191	0.0000	OK
360 minute winter	J15	192	186.711	0.093	13.1	0.1057	0.0000	OK
360 minute winter	J16	192	186.677	0.072	13.5	0.0811	0.0000	OK
360 minute winter	J17	192	186.334	0.051	13.9	0.0573	0.0000	OK
360 minute winter	J18	344	186.310	0.185	23.0	0.2093	0.0000	OK
360 minute winter	J19	352	186.314	0.287	20.0	0.3246	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J5	1.005	J6	5.2	1.161	0.137	0.0258	
360 minute winter	J6	1.006	J7	5.6	1.115	0.198	0.0099	
360 minute winter	J7	1.007	J8	6.0	0.857	0.196	0.0082	
360 minute winter	J8	1.008	J9	6.6	0.873	0.074	0.0648	
360 minute winter	J9	1.009	J10	7.0	0.934	0.209	0.0091	
360 minute winter	J10	1.010	J11	7.7	1.217	0.060	0.0157	
360 minute winter	J11	1.011	S2	8.3	0.658	0.128	0.0682	
360 minute winter	J12	1.013	J13	12.0	1.204	0.179	0.0645	
360 minute winter	J13	1.014	J14	12.3	0.535	0.218	0.0437	
360 minute winter	J14	1.015	J15	12.7	0.625	0.226	0.0390	
360 minute winter	J15	1.016	J16	13.1	0.832	0.246	0.0810	
360 minute winter	J16	1.017	J17	13.5	1.157	0.095	0.0393	
360 minute winter	J17	1.018	S3	13.9	1.016	0.045	0.0435	
360 minute winter	J18	1.020	J19	19.7	0.891	0.069	0.0855	
360 minute winter	J19	1.021	S4	16.8	0.747	0.304	0.3066	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J20	352	186.312	0.281	2.4	0.3180	0.0000	SURCHARGED
360 minute winter	J21	352	186.312	0.303	2.9	0.3430	0.0000	SURCHARGED
360 minute winter	J22	352	186.312	0.349	3.5	0.3948	0.0000	SURCHARGED
360 minute winter	J23	352	186.312	0.370	3.7	0.4185	0.0000	SURCHARGED
360 minute winter	J24	352	186.312	0.495	5.8	0.5599	0.0000	SURCHARGED
360 minute winter	J25	352	186.312	0.516	6.4	0.5835	0.0000	SURCHARGED
360 minute winter	J26	352	186.312	0.532	6.9	0.6023	0.0000	SURCHARGED
360 minute winter	J27	352	186.313	0.577	12.6	0.6531	0.0000	SURCHARGED
360 minute winter	J28	192	186.397	0.041	2.0	0.0465	0.0000	OK
360 minute winter	J29	192	186.318	0.047	2.4	0.0533	0.0000	OK
360 minute winter	J30	192	186.217	0.070	5.1	0.0788	0.0000	OK
360 minute winter	J31	192	186.114	0.070	5.6	0.0786	0.0000	OK
360 minute winter	J32	192	186.078	0.067	6.2	0.0753	0.0000	OK
360 minute winter	J33	192	185.578	0.043	8.5	0.0491	0.0000	OK
360 minute winter	J34	192	185.208	0.083	10.6	0.0938	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J20	23.002	J21	2.4	0.484	0.175	0.0665	
360 minute winter	J21	23.003	J22	2.9	0.515	0.218	0.1411	
360 minute winter	J22	23.004	J23	3.5	0.559	0.257	0.0633	
360 minute winter	J23	23.005	S18	3.7	0.632	0.280	0.1321	
360 minute winter	J24	23.007	J25	5.8	0.464	0.194	0.2458	
360 minute winter	J25	23.008	J26	6.4	0.461	0.211	0.1975	
360 minute winter	J26	23.009	S19	6.9	0.473	0.226	0.1474	
360 minute winter	J27	23.011	S4	9.0	0.673	0.303	0.0951	
360 minute winter	J28	32.001	J29	2.0	0.597	0.336	0.0294	
360 minute winter	J29	32.002	S12	2.4	0.685	0.401	0.0162	
360 minute winter	J30	32.004	J31	5.1	0.670	0.384	0.0378	
360 minute winter	J31	32.005	J32	5.6	0.558	0.188	0.0985	
360 minute winter	J32	32.006	S13	6.2	0.818	0.206	0.0405	
360 minute winter	J33	32.008	S14	8.5	0.982	0.082	0.0801	
360 minute winter	J34	32.010	J35	10.6	1.031	0.274	0.0932	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J35	192	185.130	0.054	11.0	0.0616	0.0000	OK
360 minute winter	J36	192	184.963	0.088	11.5	0.0998	0.0000	OK
360 minute winter	J37	184	184.591	0.091	13.9	0.1026	0.0000	OK
360 minute winter	J38	184	184.420	0.119	16.3	0.1351	0.0000	OK
360 minute winter	J39	184	184.383	0.109	16.8	0.1238	0.0000	OK
360 minute winter	J40	184	184.356	0.091	17.2	0.1025	0.0000	OK
360 minute winter	J41	208	184.621	0.024	0.7	0.0269	0.0000	OK
360 minute winter	J42	208	184.570	0.033	1.3	0.0373	0.0000	OK
360 minute winter	J43	192	184.441	0.061	3.5	0.0692	0.0000	OK
360 minute winter	J44	192	184.428	0.058	3.9	0.0657	0.0000	OK
360 minute winter	J45	192	184.384	0.064	4.2	0.0722	0.0000	OK
360 minute winter	J46	192	184.314	0.092	6.3	0.1045	0.0000	OK
360 minute winter	J47	192	184.309	0.101	6.7	0.1148	0.0000	OK
360 minute winter	J48	192	184.295	0.101	8.9	0.1145	0.0000	OK
360 minute winter	J49	192	184.283	0.114	9.4	0.1288	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J35	32.011	J36	11.0	1.014	0.123	0.0750	
360 minute winter	J36	32.012	S15	11.5	0.997	0.384	0.0275	
360 minute winter	J37	32.014	S16	13.9	1.093	0.251	0.0672	
360 minute winter	J38	32.016	J39	16.3	0.659	0.301	0.2670	
360 minute winter	J39	32.017	J40	16.8	0.818	0.307	0.0752	
360 minute winter	J40	32.018	S10	17.2	1.014	0.173	0.1623	
360 minute winter	J41	48.002	J42	0.7	0.403	0.124	0.0114	
360 minute winter	J42	48.003	S21	1.3	0.592	0.220	0.0179	
360 minute winter	J43	48.005	J44	3.5	0.531	0.248	0.0105	
360 minute winter	J44	48.006	J45	3.9	0.574	0.289	0.0590	
360 minute winter	J45	48.007	S22	4.2	0.637	0.313	0.0158	
360 minute winter	J46	48.009	J47	6.3	0.384	0.204	0.0689	
360 minute winter	J47	48.010	S23	6.7	0.375	0.221	0.0470	
360 minute winter	J48	48.012	J49	8.9	0.473	0.296	0.1394	
360 minute winter	J49	48.013	J50	9.4	0.479	0.307	0.0223	

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J50	192	184.274	0.109	10.0	0.1237	0.0000	OK
360 minute winter	J51	192	184.261	0.113	10.4	0.1281	0.0000	OK
360 minute winter	J52	192	184.250	0.106	11.1	0.1198	0.0000	OK
360 minute winter	J53	192	184.227	0.100	11.4	0.1133	0.0000	OK
360 minute winter	J54	192	185.173	0.044	2.1	0.0501	0.0000	OK
360 minute winter	J55	192	185.137	0.043	2.6	0.0481	0.0000	OK
360 minute winter	J56	192	184.133	0.126	16.2	0.1428	0.0000	OK
360 minute winter	J57	192	184.111	0.126	16.6	0.1429	0.0000	OK
360 minute winter	BASIN 1	352	186.311	1.386	27.4	184.6631	0.0000	SURCHARGED
360 minute winter	BASIN 2	408	184.851	0.551	4.2	55.8275	0.0000	OK
360 minute winter	BASIN 3	600	183.253	0.152	22.0	250.2250	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J50	48.014	J51	10.0	0.509	0.333	0.0993	
360 minute winter	J51	48.015	J52	10.3	0.539	0.338	0.0218	
360 minute winter	J52	48.016	J53	11.1	0.624	0.362	0.0864	
360 minute winter	J53	48.017	S24	11.4	0.730	0.379	0.1608	
360 minute winter	J54	65.002	J55	2.1	0.637	0.351	0.0119	
360 minute winter	J55	65.003	S24	2.6	0.856	0.346	0.0242	
360 minute winter	J56	48.019	J57	16.2	0.574	0.298	0.2559	
360 minute winter	J57	48.020	S25	16.6	0.609	0.303	0.1664	
360 minute winter	BASIN 1	1.023	S5	4.1	0.198	0.049	0.9418	
360 minute winter	BASIN 1	Infiltration		0.1				3.5
360 minute winter	BASIN 2	1.027	S7	3.9	0.579	0.047	0.1507	
360 minute winter	BASIN 2	71.000	BH1	1.1	0.557	0.192	0.1829	
360 minute winter	BASIN 2	Infiltration		0.0				0.0
360 minute winter	BASIN 3	1.034	BH2	1.3	0.359	0.011	0.5869	
360 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	BASIN 4	392	183.918	0.587	19.8	176.9105	0.0000	SURCHARGED
360 minute winter	SWALE 1	352	184.931	0.057	4.1	0.0817	0.0000	OK
360 minute winter	SWALE 2	416	184.430	0.055	3.9	0.0785	0.0000	OK
360 minute winter	SWALE 3	192	184.096	0.101	19.4	0.1447	0.0000	OK
360 minute winter	BH1	408	184.851	0.774	1.1	3.0472	0.0000	OK
360 minute winter	BH2	600	183.253	0.169	1.3	2.4479	0.0000	OK
360 minute winter	BH3	392	183.918	0.598	1.2	4.3983	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	BASIN 4	48.022	BH3	1.2	0.466	0.022	0.3211	
360 minute winter	BASIN 4	Infiltration		0.0				0.0
360 minute winter	SWALE 1	1.025	S6	4.1	0.398	0.049	0.3926	
360 minute winter	SWALE 2	1.029	S8	3.9	0.553	0.047	0.1854	
360 minute winter	SWALE 3	1.033	BASIN 3	19.4	0.827	0.155	1.0136	
360 minute winter	BH1	Infiltration		0.1				2.9
360 minute winter	BH2	Infiltration		0.2				2.6
360 minute winter	BH3	Infiltration		0.2				5.8

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.399	0.029	1.6	0.0427	0.0000	OK
480 minute summer	S2	248	187.150	0.111	13.3	0.1923	0.0000	OK
480 minute summer	S3	456	186.336	0.199	18.0	0.2646	0.0000	OK
480 minute summer	S4	448	186.326	0.948	30.8	1.2156	0.0000	SURCHARGED
480 minute summer	S5	464	186.326	1.416	4.1	2.0268	0.0000	SURCHARGED
480 minute summer	S6	464	184.866	0.058	4.1	0.0834	0.0000	OK
480 minute summer	S7	480	184.789	0.030	4.1	0.0434	0.0000	OK
480 minute summer	S8	480	184.363	0.033	4.1	0.0466	0.0000	OK
480 minute summer	S9	248	184.191	0.066	4.1	0.0947	0.0000	OK
480 minute summer	S10	248	184.191	0.078	23.0	0.1423	0.0000	OK
480 minute summer	S11	248	186.443	0.043	2.0	0.0679	0.0000	OK
480 minute summer	S12	248	186.252	0.075	5.5	0.1116	0.0000	OK
480 minute summer	S13	248	186.041	0.048	9.2	0.0719	0.0000	OK
480 minute summer	S14	248	185.262	0.087	12.2	0.1367	0.0000	OK
480 minute summer	S15	248	184.935	0.068	15.8	0.1062	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S1	1.000	J1	1.6	0.548	0.183	0.0244	
480 minute summer	S2	1.012	J12	13.3	0.752	0.446	0.0264	
480 minute summer	S3	1.019	J18	18.0	1.024	0.338	0.2531	
480 minute summer	S4	1.022	BASIN 1	30.6	0.978	0.182	1.1778	
480 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2137	
480 minute summer	S6	1.026	BASIN 2	4.1	0.476	0.047	0.0603	
480 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1208	
480 minute summer	S8	1.030	S9	4.1	0.613	0.016	0.0840	
480 minute summer	S9	1.031	S10	4.1	0.645	0.049	0.0991	
480 minute summer	S10	1.032	SWALE 3	23.0	1.061	0.070	0.0952	
480 minute summer	S11	32.000	J28	2.0	0.590	0.336	0.0154	
480 minute summer	S12	32.003	J30	5.5	0.607	0.409	0.0458	
480 minute summer	S13	32.007	J33	9.2	1.508	0.094	0.0791	
480 minute summer	S14	32.009	J34	12.2	0.842	0.241	0.0761	
480 minute summer	S15	32.013	J37	15.8	1.660	0.171	0.0888	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.545	0.058	18.7	0.0879	0.0000	OK
480 minute summer	S17	456	186.328	0.177	2.4	0.2824	0.0000	SURCHARGED
480 minute summer	S18	464	186.327	0.503	6.3	0.7437	0.0000	SURCHARGED
480 minute summer	S19	464	186.327	0.561	10.0	0.8088	0.0000	SURCHARGED
480 minute summer	S20	264	184.668	0.025	0.8	0.0288	0.0000	OK
480 minute summer	S21	248	184.465	0.056	3.3	0.0745	0.0000	OK
480 minute summer	S22	248	184.330	0.099	6.7	0.1277	0.0000	OK
480 minute summer	S23	248	184.313	0.115	9.5	0.1481	0.0000	OK
480 minute summer	S24	248	184.158	0.141	18.1	0.1857	0.0000	OK
480 minute summer	S25	248	184.098	0.128	20.3	0.1774	0.0000	OK
480 minute summer	S26	248	185.407	0.030	2.0	0.0446	0.0000	OK
480 minute summer	FC1	256	188.617	0.367	0.7	0.4735	0.0000	SURCHARGED
480 minute summer	FC2	256	188.518	0.368	0.7	0.4747	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S16	32.015	J38	18.6	0.984	0.059	0.0450	
480 minute summer	S17	23.001	J20	2.4	0.694	0.402	0.0560	
480 minute summer	S18	23.006	J24	6.3	0.463	0.198	0.0729	
480 minute summer	S19	23.010	J27	10.0	0.597	0.332	0.3541	
480 minute summer	S20	48.001	J41	0.8	0.512	0.131	0.0071	
480 minute summer	S21	48.004	J43	3.3	0.493	0.247	0.0341	
480 minute summer	S22	48.008	J46	6.7	0.397	0.213	0.0416	
480 minute summer	S23	48.011	J48	9.5	0.480	0.309	0.0223	
480 minute summer	S24	48.018	J56	18.0	0.567	0.337	0.1350	
480 minute summer	S25	48.021	BASIN 4	20.3	0.787	0.381	0.0994	
480 minute summer	S26	65.001	J54	2.0	0.709	0.198	0.0249	
480 minute summer	FC1	2.000	J1	0.6	0.284	0.096	0.0124	
480 minute summer	FC1	Infiltration		0.0				0.0
480 minute summer	FC2	3.000	J2	0.6	0.475	0.100	0.0057	
480 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC3	264	188.823	0.623	1.0	0.9289	0.0000	SURCHARGED
480 minute summer	FC4	256	188.431	0.231	0.5	0.2888	0.0000	SURCHARGED
480 minute summer	FC5	256	188.368	0.368	0.7	0.4748	0.0000	SURCHARGED
480 minute summer	FC6	256	188.080	0.230	0.5	0.2873	0.0000	SURCHARGED
480 minute summer	FC7	256	187.981	0.231	0.5	0.2892	0.0000	SURCHARGED
480 minute summer	FC8	256	188.114	0.364	0.7	0.4694	0.0000	SURCHARGED
480 minute summer	FC9	256	187.703	0.233	0.5	0.2911	0.0000	SURCHARGED
480 minute summer	FC10	264	188.094	0.624	1.0	0.9278	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC3	4.000	J3	0.8	0.537	0.125	0.0136	
480 minute summer	FC3	Infiltration		0.0				0.0
480 minute summer	FC4	5.000	J4	0.5	0.523	0.063	0.0066	
480 minute summer	FC4	Infiltration		0.0				0.0
480 minute summer	FC5	6.000	J5	0.6	0.473	0.100	0.0052	
480 minute summer	FC5	Infiltration		0.0				0.0
480 minute summer	FC6	7.000	J6	0.5	0.582	0.054	0.0059	
480 minute summer	FC6	Infiltration		0.0				0.0
480 minute summer	FC7	8.000	J7	0.5	0.506	0.066	0.0067	
480 minute summer	FC7	Infiltration		0.0				0.0
480 minute summer	FC8	9.000	J8	0.6	0.663	0.062	0.0038	
480 minute summer	FC8	Infiltration		0.0				0.0
480 minute summer	FC9	10.000	J9	0.5	0.446	0.078	0.0075	
480 minute summer	FC9	Infiltration		0.0				0.0
480 minute summer	FC10	11.000	J10	0.8	0.557	0.118	0.0088	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC11	256	187.688	0.368	0.7	0.4745	0.0000	SURCHARGED
480 minute summer	FC12	256	187.598	0.368	0.7	0.4746	0.0000	SURCHARGED
480 minute summer	FC13	256	187.368	0.368	0.7	0.4745	0.0000	SURCHARGED
480 minute summer	FC14	280	187.038	0.138	0.7	1.7631	0.0000	SURCHARGED
480 minute summer	FC15	256	187.426	0.226	0.5	0.2827	0.0000	SURCHARGED
480 minute summer	FC16	256	187.132	0.232	0.5	0.2904	0.0000	SURCHARGED
480 minute summer	FC17	256	187.228	0.228	0.5	0.2847	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC10	Infiltration		0.0				0.0
480 minute summer	FC11	12.000	J11	0.6	0.477	0.101	0.0097	
480 minute summer	FC11	Infiltration		0.0				0.0
480 minute summer	FC12	13.000	S2	0.6	0.476	0.101	0.0086	
480 minute summer	FC12	Infiltration		0.0				0.0
480 minute summer	FC13	14.000	J12	0.6	0.478	0.100	0.0085	
480 minute summer	FC13	Infiltration		0.0				0.0
480 minute summer	FC14	15.000	J13	0.4	0.411	0.059	0.0065	
480 minute summer	FC14	Infiltration		0.0				0.0
480 minute summer	FC15	16.000	J14	0.5	0.941	0.027	0.0023	
480 minute summer	FC15	Infiltration		0.0				0.0
480 minute summer	FC16	17.000	J15	0.5	0.466	0.074	0.0076	
480 minute summer	FC16	Infiltration		0.0				0.0
480 minute summer	FC17	18.000	J16	0.5	0.738	0.038	0.0031	
480 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC18	256	186.783	0.233	0.5	0.2912	0.0000	SURCHARGED
480 minute summer	FC19	256	186.768	0.368	0.7	0.4746	0.0000	SURCHARGED
480 minute summer	FC20	256	187.310	0.360	0.7	0.4652	0.0000	SURCHARGED
480 minute summer	FC21	256	186.668	0.368	0.7	0.4745	0.0000	SURCHARGED
480 minute summer	FC22	272	186.558	0.108	0.5	1.0454	0.0000	SURCHARGED
480 minute summer	FC23	256	186.527	0.227	0.5	0.2841	0.0000	SURCHARGED
480 minute summer	FC24	256	186.661	0.361	0.7	0.4662	0.0000	SURCHARGED
480 minute summer	FC25	256	186.910	0.360	0.7	0.4652	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC18	19.000	J17	0.5	0.444	0.079	0.0074	
480 minute summer	FC18	Infiltration		0.0				0.0
480 minute summer	FC19	20.000	S3	0.6	0.475	0.101	0.0083	
480 minute summer	FC19	Infiltration		0.0				0.0
480 minute summer	FC20	21.000	J18	0.6	0.957	0.037	0.0027	
480 minute summer	FC20	Infiltration		0.0				0.0
480 minute summer	FC21	22.000	J19	0.6	0.477	0.101	0.0363	
480 minute summer	FC21	Infiltration		0.0				0.0
480 minute summer	FC22	23.000	S17	0.3	0.261	0.021	0.0195	
480 minute summer	FC22	Infiltration		0.0				0.0
480 minute summer	FC23	24.000	J20	0.5	0.782	0.035	0.0219	
480 minute summer	FC23	Infiltration		0.0				0.0
480 minute summer	FC24	25.000	J21	0.6	0.864	0.043	0.0222	
480 minute summer	FC24	Infiltration		0.0				0.0
480 minute summer	FC25	26.000	J22	0.6	0.950	0.038	0.0188	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC26	272	186.556	0.106	0.5	1.0665	0.0000	SURCHARGED
480 minute summer	FC27	256	186.726	0.226	0.5	0.2824	0.0000	SURCHARGED
480 minute summer	FC28	256	186.860	0.360	0.7	0.4652	0.0000	SURCHARGED
480 minute summer	FC29	256	186.861	0.361	0.7	0.4654	0.0000	SURCHARGED
480 minute summer	FC30	256	187.111	0.361	0.7	0.4659	0.0000	SURCHARGED
480 minute summer	FC31	256	186.679	0.229	0.5	0.2867	0.0000	SURCHARGED
480 minute summer	FC32	256	186.677	0.227	0.5	0.2842	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC25	Infiltration		0.0				0.0
480 minute summer	FC26	27.000	J23	0.3	0.693	0.023	0.0184	
480 minute summer	FC26	Infiltration		0.0				0.0
480 minute summer	FC27	28.000	J24	0.5	1.095	0.022	0.0185	
480 minute summer	FC27	Infiltration		0.0				0.0
480 minute summer	FC28	29.000	J25	0.6	0.955	0.037	0.0174	
480 minute summer	FC28	Infiltration		0.0				0.0
480 minute summer	FC29	30.000	J26	0.6	0.929	0.039	0.0189	
480 minute summer	FC29	Infiltration		0.0				0.0
480 minute summer	FC30	31.000	J27	0.6	0.891	0.041	0.0029	
480 minute summer	FC30	Infiltration		0.0				0.0
480 minute summer	FC31	33.000	J28	0.5	0.260	0.052	0.0092	
480 minute summer	FC31	Infiltration		0.0				0.0
480 minute summer	FC32	34.000	J29	0.5	0.230	0.037	0.0100	
480 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC33	256	186.811	0.361	0.7	0.4657	0.0000	SURCHARGED
480 minute summer	FC34	256	186.817	0.367	0.7	0.4742	0.0000	SURCHARGED
480 minute summer	FC35	256	186.811	0.361	0.7	0.4659	0.0000	SURCHARGED
480 minute summer	FC36	256	186.811	0.361	0.7	0.4655	0.0000	SURCHARGED
480 minute summer	FC37	264	186.424	0.624	1.0	0.9223	0.0000	SURCHARGED
480 minute summer	FC38	288	185.547	0.097	0.5	1.1660	0.0000	OK
480 minute summer	FC39	256	185.677	0.227	0.5	0.2836	0.0000	SURCHARGED
480 minute summer	FC40	256	185.860	0.359	0.7	0.4641	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC33	35.000	S12	0.6	0.861	0.042	0.0046	
480 minute summer	FC33	Infiltration		0.0				0.0
480 minute summer	FC34	36.000	J30	0.6	0.489	0.096	0.0058	
480 minute summer	FC34	Infiltration		0.0				0.0
480 minute summer	FC35	37.000	J31	0.6	0.882	0.042	0.0035	
480 minute summer	FC35	Infiltration		0.0				0.0
480 minute summer	FC36	38.000	J32	0.6	0.925	0.039	0.0032	
480 minute summer	FC36	Infiltration		0.0				0.0
480 minute summer	FC37	39.000	J33	0.8	0.685	0.089	0.0075	
480 minute summer	FC37	Infiltration		0.0				0.0
480 minute summer	FC38	40.000	J34	0.3	0.656	0.024	0.0021	
480 minute summer	FC38	Infiltration		0.0				0.0
480 minute summer	FC39	41.000	J35	0.5	0.828	0.032	0.0025	
480 minute summer	FC39	Infiltration		0.0				0.0
480 minute summer	FC40	42.000	J36	0.6	1.086	0.031	0.0028	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC41	256	185.213	0.363	0.7	0.4685	0.0000	SURCHARGED
480 minute summer	FC42	256	184.964	0.364	0.7	0.4704	0.0000	SURCHARGED
480 minute summer	FC43	256	184.963	0.363	0.7	0.4687	0.0000	SURCHARGED
480 minute summer	FC44	240	184.615	0.015	0.5	0.0190	0.0000	OK
480 minute summer	FC45	256	184.827	0.227	0.5	0.2843	0.0000	SURCHARGED
480 minute summer	FC46	264	185.324	0.624	1.0	0.9300	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.161	0.361	0.7	0.4658	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC40	Infiltration		0.0				0.0
480 minute summer	FC41	43.000	J37	0.6	0.710	0.057	0.0042	
480 minute summer	FC41	Infiltration		0.0				0.0
480 minute summer	FC42	44.000	J38	0.6	0.618	0.069	0.0047	
480 minute summer	FC42	Infiltration		0.0				0.0
480 minute summer	FC43	45.000	J39	0.6	0.702	0.057	0.0037	
480 minute summer	FC43	Infiltration		0.0				0.0
480 minute summer	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
480 minute summer	FC44	Infiltration		0.0				0.0
480 minute summer	FC45	47.000	S10	0.5	0.772	0.036	0.0028	
480 minute summer	FC45	Infiltration		0.0				0.0
480 minute summer	FC46	48.000	S20	0.8	0.502	0.132	0.0094	
480 minute summer	FC46	Infiltration		0.0				0.0
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
480 minute summer	FC48	50.000	J42	0.6	0.412	0.043	0.0075	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC49	256	185.168	0.368	0.7	0.4748	0.0000	SURCHARGED
480 minute summer	FC50	256	185.168	0.368	0.7	0.4748	0.0000	SURCHARGED
480 minute summer	FC51	256	185.218	0.368	0.7	0.4746	0.0000	SURCHARGED
480 minute summer	FC52	256	185.613	0.363	0.7	0.4688	0.0000	SURCHARGED
480 minute summer	FC53	256	185.614	0.364	0.7	0.4697	0.0000	SURCHARGED
480 minute summer	FC54	256	185.478	0.228	0.5	0.2857	0.0000	SURCHARGED
480 minute summer	FC55	256	185.477	0.227	0.5	0.2835	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC48	Infiltration		0.0				0.0
480 minute summer	FC49	51.000	S21	0.6	0.473	0.100	0.0055	
480 minute summer	FC49	Infiltration		0.0				0.0
480 minute summer	FC50	52.000	J43	0.6	0.474	0.100	0.0059	
480 minute summer	FC50	Infiltration		0.0				0.0
480 minute summer	FC51	55.000	S22	0.6	0.476	0.100	0.0077	
480 minute summer	FC51	Infiltration		0.0				0.0
480 minute summer	FC52	58.000	S23	0.6	0.691	0.059	0.0047	
480 minute summer	FC52	Infiltration		0.0				0.0
480 minute summer	FC53	61.000	J50	0.6	0.649	0.064	0.0039	
480 minute summer	FC53	Infiltration		0.0				0.0
480 minute summer	FC54	62.000	J51	0.5	0.672	0.043	0.0028	
480 minute summer	FC54	Infiltration		0.0				0.0
480 minute summer	FC55	64.000	J53	0.5	0.847	0.031	0.0023	
480 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC56	256	185.576	0.226	0.5	0.2832	0.0000	SURCHARGED
480 minute summer	FC57	256	185.577	0.227	0.5	0.2837	0.0000	SURCHARGED
480 minute summer	FC58	256	185.577	0.227	0.5	0.2840	0.0000	SURCHARGED
480 minute summer	FC59	256	185.578	0.228	0.5	0.2847	0.0000	SURCHARGED
480 minute summer	FC60	256	185.712	0.362	0.7	0.4673	0.0000	SURCHARGED
480 minute summer	FC61	256	185.664	0.364	0.7	0.4702	0.0000	SURCHARGED
480 minute summer	FC62	264	185.873	0.623	1.0	0.9249	0.0000	SURCHARGED
480 minute summer	FC63	256	185.632	0.232	0.5	0.2907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC56	53.000	J44	0.5	0.873	0.030	0.0035	
480 minute summer	FC56	Infiltration		0.0				0.0
480 minute summer	FC57	54.000	J45	0.5	0.820	0.033	0.0037	
480 minute summer	FC57	Infiltration		0.0				0.0
480 minute summer	FC58	56.000	J46	0.5	0.789	0.035	0.0037	
480 minute summer	FC58	Infiltration		0.0				0.0
480 minute summer	FC59	57.000	J47	0.5	0.731	0.039	0.0041	
480 minute summer	FC59	Infiltration		0.0				0.0
480 minute summer	FC60	59.000	J48	0.6	0.777	0.050	0.0051	
480 minute summer	FC60	Infiltration		0.0				0.0
480 minute summer	FC61	60.000	J49	0.6	0.623	0.069	0.0071	
480 minute summer	FC61	Infiltration		0.0				0.0
480 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118	
480 minute summer	FC62	Infiltration		0.0				0.0
480 minute summer	FC63	65.000	S26	0.5	0.334	0.079	0.0036	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC64	256	185.390	0.240	0.5	0.3000	0.0000	SURCHARGED
480 minute summer	FC65	256	185.513	0.363	0.7	0.4688	0.0000	SURCHARGED
480 minute summer	FC66	256	185.366	0.366	0.7	0.4731	0.0000	SURCHARGED
480 minute summer	FC67	272	184.907	0.107	0.5	1.0977	0.0000	SURCHARGED
480 minute summer	FC68	256	184.780	0.230	0.5	0.2876	0.0000	SURCHARGED
480 minute summer	J1	248	188.251	0.051	3.8	0.0756	0.0000	OK
480 minute summer	J2	248	188.127	0.071	4.3	0.0805	0.0000	OK
480 minute summer	J3	248	188.115	0.064	5.1	0.0729	0.0000	OK
480 minute summer	J4	248	188.085	0.046	5.6	0.0515	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC63	Infiltration		0.0				0.0
480 minute summer	FC64	66.000	J54	0.5	0.209	0.080	0.0062	
480 minute summer	FC64	Infiltration		0.0				0.0
480 minute summer	FC65	67.000	J55	0.6	0.307	0.061	0.0048	
480 minute summer	FC65	Infiltration		0.0				0.0
480 minute summer	FC66	68.000	S24	0.6	0.531	0.083	0.0024	
480 minute summer	FC66	Infiltration		0.0				0.0
480 minute summer	FC67	69.000	J56	0.3	0.384	0.052	0.0017	
480 minute summer	FC67	Infiltration		0.0				0.0
480 minute summer	FC68	70.000	J57	0.5	0.583	0.052	0.0018	
480 minute summer	FC68	Infiltration		0.0				0.0
480 minute summer	J1	1.001	J2	3.8	0.980	0.455	0.0193	
480 minute summer	J2	1.002	J3	4.3	0.561	0.323	0.0080	
480 minute summer	J3	1.003	J4	5.1	0.873	0.384	0.0114	
480 minute summer	J4	1.004	J5	5.6	1.322	0.163	0.0149	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J5	248	187.951	0.041	6.1	0.0464	0.0000	OK
480 minute summer	J6	248	187.709	0.059	6.6	0.0662	0.0000	OK
480 minute summer	J7	248	187.595	0.070	7.0	0.0794	0.0000	OK
480 minute summer	J8	248	187.565	0.044	7.7	0.0501	0.0000	OK
480 minute summer	J9	248	187.349	0.074	8.0	0.0842	0.0000	OK
480 minute summer	J10	248	187.314	0.044	8.8	0.0495	0.0000	OK
480 minute summer	J11	248	187.183	0.061	9.4	0.0695	0.0000	OK
480 minute summer	J12	248	186.886	0.077	13.9	0.0867	0.0000	OK
480 minute summer	J13	248	186.748	0.121	14.2	0.1371	0.0000	OK
480 minute summer	J14	248	186.735	0.113	14.6	0.1282	0.0000	OK
480 minute summer	J15	248	186.717	0.100	15.1	0.1135	0.0000	OK
480 minute summer	J16	248	186.682	0.077	15.5	0.0876	0.0000	OK
480 minute summer	J17	248	186.339	0.056	15.9	0.0630	0.0000	OK
480 minute summer	J18	464	186.330	0.205	21.8	0.2318	0.0000	OK
480 minute summer	J19	440	186.330	0.303	19.1	0.3430	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J5	1.005	J6	6.1	1.199	0.160	0.0291	
480 minute summer	J6	1.006	J7	6.6	1.157	0.231	0.0112	
480 minute summer	J7	1.007	J8	7.1	0.896	0.231	0.0091	
480 minute summer	J8	1.008	J9	7.6	0.908	0.085	0.0717	
480 minute summer	J9	1.009	J10	8.0	0.967	0.240	0.0101	
480 minute summer	J10	1.010	J11	8.8	1.248	0.068	0.0173	
480 minute summer	J11	1.011	S2	9.3	0.670	0.145	0.0760	
480 minute summer	J12	1.013	J13	13.9	1.248	0.207	0.0719	
480 minute summer	J13	1.014	J14	14.2	0.556	0.250	0.0484	
480 minute summer	J14	1.015	J15	14.6	0.650	0.259	0.0431	
480 minute summer	J15	1.016	J16	15.1	0.863	0.282	0.0898	
480 minute summer	J16	1.017	J17	15.5	1.198	0.109	0.0435	
480 minute summer	J17	1.018	S3	15.9	1.037	0.051	0.0499	
480 minute summer	J18	1.020	J19	18.6	0.911	0.065	0.0906	
480 minute summer	J19	1.021	S4	19.1	0.775	0.347	0.3096	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J20	456	186.327	0.296	2.8	0.3351	0.0000	SURCHARGED
480 minute summer	J21	456	186.327	0.318	3.4	0.3599	0.0000	SURCHARGED
480 minute summer	J22	464	186.327	0.364	4.0	0.4117	0.0000	SURCHARGED
480 minute summer	J23	464	186.327	0.385	4.2	0.4355	0.0000	SURCHARGED
480 minute summer	J24	464	186.327	0.510	6.8	0.5768	0.0000	SURCHARGED
480 minute summer	J25	456	186.328	0.532	7.4	0.6011	0.0000	SURCHARGED
480 minute summer	J26	464	186.328	0.549	7.9	0.6207	0.0000	SURCHARGED
480 minute summer	J27	456	186.330	0.594	13.2	0.6721	0.0000	SURCHARGED
480 minute summer	J28	248	186.403	0.047	2.4	0.0527	0.0000	OK
480 minute summer	J29	248	186.324	0.053	2.9	0.0601	0.0000	OK
480 minute summer	J30	248	186.224	0.077	6.0	0.0874	0.0000	OK
480 minute summer	J31	248	186.120	0.076	6.6	0.0856	0.0000	OK
480 minute summer	J32	248	186.083	0.072	7.2	0.0810	0.0000	OK
480 minute summer	J33	248	185.582	0.047	9.9	0.0529	0.0000	OK
480 minute summer	J34	248	185.216	0.091	12.5	0.1024	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J20	23.002	J21	2.8	0.508	0.210	0.0665	
480 minute summer	J21	23.003	J22	3.4	0.536	0.254	0.1411	
480 minute summer	J22	23.004	J23	4.0	0.578	0.293	0.0633	
480 minute summer	J23	23.005	S18	4.2	0.652	0.317	0.1321	
480 minute summer	J24	23.007	J25	6.8	0.477	0.225	0.2458	
480 minute summer	J25	23.008	J26	7.3	0.472	0.243	0.1975	
480 minute summer	J26	23.009	S19	7.9	0.483	0.258	0.1474	
480 minute summer	J27	23.011	S4	10.2	0.692	0.341	0.0951	
480 minute summer	J28	32.001	J29	2.4	0.628	0.413	0.0344	
480 minute summer	J29	32.002	S12	2.9	0.719	0.488	0.0188	
480 minute summer	J30	32.004	J31	6.0	0.698	0.455	0.0430	
480 minute summer	J31	32.005	J32	6.6	0.586	0.220	0.1099	
480 minute summer	J32	32.006	S13	7.2	0.849	0.238	0.0452	
480 minute summer	J33	32.008	S14	9.9	1.008	0.095	0.0911	
480 minute summer	J34	32.010	J35	12.5	1.073	0.324	0.1056	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J35	248	185.135	0.060	12.9	0.0679	0.0000	OK
480 minute summer	J36	248	184.971	0.096	13.5	0.1087	0.0000	OK
480 minute summer	J37	248	184.599	0.099	16.4	0.1115	0.0000	OK
480 minute summer	J38	248	184.431	0.131	19.2	0.1483	0.0000	OK
480 minute summer	J39	248	184.394	0.120	19.8	0.1355	0.0000	OK
480 minute summer	J40	248	184.364	0.099	20.3	0.1122	0.0000	OK
480 minute summer	J41	264	184.622	0.025	0.8	0.0277	0.0000	OK
480 minute summer	J42	256	184.571	0.034	1.4	0.0384	0.0000	OK
480 minute summer	J43	248	184.445	0.065	3.9	0.0739	0.0000	OK
480 minute summer	J44	248	184.432	0.062	4.3	0.0702	0.0000	OK
480 minute summer	J45	248	184.388	0.068	4.8	0.0770	0.0000	OK
480 minute summer	J46	248	184.324	0.102	7.2	0.1153	0.0000	OK
480 minute summer	J47	248	184.318	0.111	7.6	0.1257	0.0000	OK
480 minute summer	J48	248	184.304	0.110	10.1	0.1249	0.0000	OK
480 minute summer	J49	248	184.292	0.123	10.7	0.1390	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J35	32.011	J36	12.9	1.058	0.145	0.0847	
480 minute summer	J36	32.012	S15	13.5	1.035	0.450	0.0310	
480 minute summer	J37	32.014	S16	16.4	1.124	0.296	0.0767	
480 minute summer	J38	32.016	J39	19.2	0.688	0.356	0.3020	
480 minute summer	J39	32.017	J40	19.8	0.850	0.361	0.0851	
480 minute summer	J40	32.018	S10	20.3	1.058	0.203	0.1833	
480 minute summer	J41	48.002	J42	0.8	0.416	0.132	0.0119	
480 minute summer	J42	48.003	S21	1.4	0.601	0.233	0.0187	
480 minute summer	J43	48.005	J44	3.9	0.542	0.276	0.0114	
480 minute summer	J44	48.006	J45	4.3	0.588	0.322	0.0643	
480 minute summer	J45	48.007	S22	4.7	0.655	0.350	0.0172	
480 minute summer	J46	48.009	J47	7.1	0.387	0.232	0.0779	
480 minute summer	J47	48.010	S23	7.6	0.380	0.251	0.0527	
480 minute summer	J48	48.012	J49	10.1	0.486	0.338	0.1547	
480 minute summer	J49	48.013	J50	10.7	0.493	0.348	0.0245	

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J50	248	184.283	0.118	11.2	0.1334	0.0000	OK
480 minute summer	J51	248	184.269	0.121	11.7	0.1374	0.0000	OK
480 minute summer	J52	248	184.258	0.113	12.4	0.1284	0.0000	OK
480 minute summer	J53	256	184.234	0.107	12.8	0.1211	0.0000	OK
480 minute summer	J54	248	185.178	0.049	2.5	0.0558	0.0000	OK
480 minute summer	J55	248	185.141	0.046	3.1	0.0526	0.0000	OK
480 minute summer	J56	248	184.143	0.136	18.3	0.1538	0.0000	OK
480 minute summer	J57	248	184.121	0.136	18.7	0.1534	0.0000	OK
480 minute summer	BASIN 1	464	186.326	1.401	31.6	187.2827	0.0000	SURCHARGED
480 minute summer	BASIN 2	480	184.853	0.553	4.2	55.9734	0.0000	OK
480 minute summer	BASIN 3	720	183.344	0.244	26.1	288.3009	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J50	48.014	J51	11.2	0.523	0.375	0.1088	
480 minute summer	J51	48.015	J52	11.6	0.556	0.380	0.0238	
480 minute summer	J52	48.016	J53	12.4	0.642	0.407	0.0942	
480 minute summer	J53	48.017	S24	12.9	0.755	0.427	0.1749	
480 minute summer	J54	65.002	J55	2.5	0.672	0.421	0.0135	
480 minute summer	J55	65.003	S24	3.1	0.888	0.402	0.0271	
480 minute summer	J56	48.019	J57	18.3	0.591	0.337	0.2814	
480 minute summer	J57	48.020	S25	18.7	0.629	0.343	0.1824	
480 minute summer	BASIN 1	1.023	S5	4.1	0.159	0.049	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				4.2
480 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1558	
480 minute summer	BASIN 2	71.000	BH1	1.1	0.551	0.186	0.1829	
480 minute summer	BASIN 2	Infiltration		0.0				0.0
480 minute summer	BASIN 3	1.034	BH2	1.6	0.366	0.013	1.0538	
480 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	BASIN 4	512	183.969	0.639	22.9	193.7087	0.0000	SURCHARGED
480 minute summer	SWALE 1	384	184.931	0.057	4.1	0.0817	0.0000	OK
480 minute summer	SWALE 2	480	184.431	0.056	4.1	0.0804	0.0000	OK
480 minute summer	SWALE 3	248	184.106	0.110	23.0	0.1581	0.0000	OK
480 minute summer	BH1	480	184.853	0.776	1.1	3.0509	0.0000	OK
480 minute summer	BH2	720	183.344	0.261	1.6	2.9011	0.0000	OK
480 minute summer	BH3	512	183.969	0.650	1.2	4.6387	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	BASIN 4	48.022	BH3	1.2	0.443	0.022	0.3211	
480 minute summer	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	4.1	0.398	0.049	0.3982	
480 minute summer	SWALE 2	1.029	S8	4.1	0.562	0.049	0.1917	
480 minute summer	SWALE 3	1.033	BASIN 3	22.9	0.866	0.184	1.1444	
480 minute summer	BH1	Infiltration		0.1				3.6
480 minute summer	BH2	Infiltration		0.2				3.6
480 minute summer	BH3	Infiltration		0.2				7.1

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	232	188.393	0.023	1.0	0.0337	0.0000	OK
480 minute winter	S2	256	187.133	0.094	9.8	0.1633	0.0000	OK
480 minute winter	S3	440	186.349	0.212	15.1	0.2812	0.0000	OK
480 minute winter	S4	456	186.340	0.961	22.8	1.2326	0.0000	SURCHARGED
480 minute winter	S5	464	186.339	1.428	4.1	2.0441	0.0000	SURCHARGED
480 minute winter	S6	464	184.866	0.058	4.1	0.0836	0.0000	OK
480 minute winter	S7	464	184.789	0.030	4.1	0.0435	0.0000	OK
480 minute winter	S8	464	184.363	0.033	4.1	0.0467	0.0000	OK
480 minute winter	S9	440	184.179	0.053	4.1	0.0765	0.0000	OK
480 minute winter	S10	256	184.177	0.064	16.5	0.1163	0.0000	OK
480 minute winter	S11	256	186.434	0.034	1.3	0.0528	0.0000	OK
480 minute winter	S12	256	186.237	0.061	3.8	0.0899	0.0000	OK
480 minute winter	S13	256	186.034	0.041	6.6	0.0607	0.0000	OK
480 minute winter	S14	256	185.246	0.071	8.7	0.1121	0.0000	OK
480 minute winter	S15	256	184.923	0.056	11.3	0.0886	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S1	1.000	J1	1.0	0.483	0.115	0.0176	
480 minute winter	S2	1.012	J12	9.8	0.688	0.330	0.0214	
480 minute winter	S3	1.019	J18	13.5	1.043	0.254	0.2695	
480 minute winter	S4	1.022	BASIN 1	22.6	1.028	0.135	1.1778	
480 minute winter	S5	1.024	SWALE 1	4.1	0.393	0.049	0.2141	
480 minute winter	S6	1.026	BASIN 2	4.1	0.476	0.047	0.0604	
480 minute winter	S7	1.028	SWALE 2	4.1	0.584	0.014	0.1210	
480 minute winter	S8	1.030	S9	4.1	0.613	0.016	0.0852	
480 minute winter	S9	1.031	S10	4.1	0.645	0.049	0.0722	
480 minute winter	S10	1.032	SWALE 3	16.5	0.990	0.050	0.0735	
480 minute winter	S11	32.000	J28	1.3	0.531	0.219	0.0113	
480 minute winter	S12	32.003	J30	3.8	0.559	0.288	0.0350	
480 minute winter	S13	32.007	J33	6.6	1.370	0.067	0.0625	
480 minute winter	S14	32.009	J34	8.7	0.771	0.171	0.0591	
480 minute winter	S15	32.013	J37	11.3	1.522	0.123	0.0695	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	256	184.533	0.046	13.3	0.0697	0.0000	OK
480 minute winter	S17	464	186.340	0.190	1.7	0.3015	0.0000	SURCHARGED
480 minute winter	S18	464	186.339	0.515	4.7	0.7610	0.0000	SURCHARGED
480 minute winter	S19	456	186.339	0.573	7.3	0.8255	0.0000	SURCHARGED
480 minute winter	S20	256	184.665	0.023	0.6	0.0255	0.0000	OK
480 minute winter	S21	264	184.456	0.047	2.5	0.0628	0.0000	OK
480 minute winter	S22	264	184.311	0.080	5.1	0.1043	0.0000	OK
480 minute winter	S23	264	184.294	0.096	7.2	0.1240	0.0000	OK
480 minute winter	S24	256	184.138	0.121	14.0	0.1597	0.0000	OK
480 minute winter	S25	256	184.082	0.112	15.7	0.1549	0.0000	OK
480 minute winter	S26	256	185.403	0.026	1.5	0.0378	0.0000	OK
480 minute winter	FC1	264	188.501	0.251	0.5	0.3245	0.0000	SURCHARGED
480 minute winter	FC2	264	188.402	0.252	0.5	0.3257	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S16	32.015	J38	13.3	0.926	0.042	0.0345	
480 minute winter	S17	23.001	J20	1.7	0.634	0.283	0.0560	
480 minute winter	S18	23.006	J24	4.6	0.440	0.145	0.0729	
480 minute winter	S19	23.010	J27	7.2	0.555	0.242	0.3541	
480 minute winter	S20	48.001	J41	0.6	0.480	0.104	0.0059	
480 minute winter	S21	48.004	J43	2.5	0.463	0.186	0.0274	
480 minute winter	S22	48.008	J46	5.1	0.395	0.162	0.0318	
480 minute winter	S23	48.011	J48	7.2	0.461	0.235	0.0177	
480 minute winter	S24	48.018	J56	14.0	0.535	0.261	0.1107	
480 minute winter	S25	48.021	BASIN 4	15.7	0.730	0.295	0.0828	
480 minute winter	S26	65.001	J54	1.5	0.646	0.143	0.0199	
480 minute winter	FC1	2.000	J1	0.5	0.262	0.079	0.0094	
480 minute winter	FC1	Infiltration		0.0				0.0
480 minute winter	FC2	3.000	J2	0.5	0.449	0.082	0.0049	
480 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC3	256	188.593	0.393	0.7	0.5315	0.0000	SURCHARGED
480 minute winter	FC4	256	188.360	0.160	0.4	0.2004	0.0000	SURCHARGED
480 minute winter	FC5	264	188.252	0.252	0.5	0.3258	0.0000	SURCHARGED
480 minute winter	FC6	256	188.009	0.159	0.4	0.1990	0.0000	SURCHARGED
480 minute winter	FC7	256	187.911	0.161	0.4	0.2008	0.0000	SURCHARGED
480 minute winter	FC8	264	187.998	0.248	0.5	0.3206	0.0000	SURCHARGED
480 minute winter	FC9	256	187.632	0.162	0.4	0.2026	0.0000	SURCHARGED
480 minute winter	FC10	256	187.863	0.393	0.7	0.5309	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC3	4.000	J3	0.6	0.502	0.099	0.0115	
480 minute winter	FC3	Infiltration		0.0				0.0
480 minute winter	FC4	5.000	J4	0.4	0.495	0.052	0.0057	
480 minute winter	FC4	Infiltration		0.0				0.0
480 minute winter	FC5	6.000	J5	0.5	0.447	0.082	0.0045	
480 minute winter	FC5	Infiltration		0.0				0.0
480 minute winter	FC6	7.000	J6	0.4	0.550	0.044	0.0051	
480 minute winter	FC6	Infiltration		0.0				0.0
480 minute winter	FC7	8.000	J7	0.4	0.478	0.054	0.0058	
480 minute winter	FC7	Infiltration		0.0				0.0
480 minute winter	FC8	9.000	J8	0.5	0.627	0.051	0.0033	
480 minute winter	FC8	Infiltration		0.0				0.0
480 minute winter	FC9	10.000	J9	0.4	0.422	0.065	0.0066	
480 minute winter	FC9	Infiltration		0.0				0.0
480 minute winter	FC10	11.000	J10	0.6	0.521	0.093	0.0074	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC11	264	187.572	0.252	0.5	0.3255	0.0000	SURCHARGED
480 minute winter	FC12	264	187.482	0.252	0.5	0.3255	0.0000	SURCHARGED
480 minute winter	FC13	264	187.252	0.252	0.5	0.3255	0.0000	SURCHARGED
480 minute winter	FC14	296	187.025	0.125	0.5	1.5897	0.0000	SURCHARGED
480 minute winter	FC15	256	187.356	0.156	0.4	0.1953	0.0000	SURCHARGED
480 minute winter	FC16	256	187.061	0.161	0.4	0.2019	0.0000	SURCHARGED
480 minute winter	FC17	256	187.157	0.157	0.4	0.1965	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC10	Infiltration		0.0				0.0
480 minute winter	FC11	12.000	J11	0.5	0.450	0.083	0.0084	
480 minute winter	FC11	Infiltration		0.0				0.0
480 minute winter	FC12	13.000	S2	0.5	0.450	0.082	0.0074	
480 minute winter	FC12	Infiltration		0.0				0.0
480 minute winter	FC13	14.000	J12	0.5	0.451	0.082	0.0074	
480 minute winter	FC13	Infiltration		0.0				0.0
480 minute winter	FC14	15.000	J13	0.3	0.405	0.056	0.0062	
480 minute winter	FC14	Infiltration		0.0				0.0
480 minute winter	FC15	16.000	J14	0.4	0.889	0.022	0.0020	
480 minute winter	FC15	Infiltration		0.0				0.0
480 minute winter	FC16	17.000	J15	0.4	0.441	0.061	0.0066	
480 minute winter	FC16	Infiltration		0.0				0.0
480 minute winter	FC17	18.000	J16	0.4	0.696	0.031	0.0027	
480 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC18	256	186.712	0.162	0.4	0.2027	0.0000	SURCHARGED
480 minute winter	FC19	264	186.652	0.252	0.5	0.3256	0.0000	SURCHARGED
480 minute winter	FC20	264	187.195	0.245	0.5	0.3163	0.0000	SURCHARGED
480 minute winter	FC21	264	186.552	0.252	0.5	0.3255	0.0000	SURCHARGED
480 minute winter	FC22	296	186.542	0.092	0.4	0.8929	0.0000	OK
480 minute winter	FC23	256	186.457	0.157	0.4	0.1960	0.0000	SURCHARGED
480 minute winter	FC24	264	186.546	0.246	0.5	0.3173	0.0000	SURCHARGED
480 minute winter	FC25	264	186.795	0.245	0.5	0.3163	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC18	19.000	J17	0.4	0.420	0.065	0.0064	
480 minute winter	FC18	Infiltration		0.0				0.0
480 minute winter	FC19	20.000	S3	0.5	0.449	0.083	0.0072	
480 minute winter	FC19	Infiltration		0.0				0.0
480 minute winter	FC20	21.000	J18	0.5	0.902	0.030	0.0023	
480 minute winter	FC20	Infiltration		0.0				0.0
480 minute winter	FC21	22.000	J19	0.5	0.450	0.083	0.0407	
480 minute winter	FC21	Infiltration		0.0				0.0
480 minute winter	FC22	23.000	S17	0.3	0.257	0.019	0.0195	
480 minute winter	FC22	Infiltration		0.0				0.0
480 minute winter	FC23	24.000	J20	0.4	0.738	0.029	0.0245	
480 minute winter	FC23	Infiltration		0.0				0.0
480 minute winter	FC24	25.000	J21	0.5	0.816	0.035	0.0248	
480 minute winter	FC24	Infiltration		0.0				0.0
480 minute winter	FC25	26.000	J22	0.5	0.895	0.031	0.0189	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC26	296	186.541	0.091	0.4	0.9173	0.0000	OK
480 minute winter	FC27	256	186.656	0.156	0.4	0.1953	0.0000	SURCHARGED
480 minute winter	FC28	264	186.745	0.245	0.5	0.3163	0.0000	SURCHARGED
480 minute winter	FC29	264	186.745	0.245	0.5	0.3165	0.0000	SURCHARGED
480 minute winter	FC30	264	186.996	0.246	0.5	0.3170	0.0000	SURCHARGED
480 minute winter	FC31	256	186.609	0.159	0.4	0.1985	0.0000	SURCHARGED
480 minute winter	FC32	256	186.607	0.157	0.4	0.1961	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC25	Infiltration		0.0				0.0
480 minute winter	FC26	27.000	J23	0.3	0.676	0.022	0.0186	
480 minute winter	FC26	Infiltration		0.0				0.0
480 minute winter	FC27	28.000	J24	0.4	1.034	0.018	0.0183	
480 minute winter	FC27	Infiltration		0.0				0.0
480 minute winter	FC28	29.000	J25	0.5	0.900	0.030	0.0175	
480 minute winter	FC28	Infiltration		0.0				0.0
480 minute winter	FC29	30.000	J26	0.5	0.876	0.032	0.0190	
480 minute winter	FC29	Infiltration		0.0				0.0
480 minute winter	FC30	31.000	J27	0.5	0.841	0.034	0.0026	
480 minute winter	FC30	Infiltration		0.0				0.0
480 minute winter	FC31	33.000	J28	0.4	0.243	0.043	0.0071	
480 minute winter	FC31	Infiltration		0.0				0.0
480 minute winter	FC32	34.000	J29	0.4	0.218	0.030	0.0079	
480 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC33	264	186.696	0.246	0.5	0.3172	0.0000	SURCHARGED
480 minute winter	FC34	264	186.702	0.252	0.5	0.3252	0.0000	SURCHARGED
480 minute winter	FC35	264	186.696	0.246	0.5	0.3171	0.0000	SURCHARGED
480 minute winter	FC36	264	186.695	0.245	0.5	0.3166	0.0000	SURCHARGED
480 minute winter	FC37	256	186.190	0.390	0.7	0.5274	0.0000	SURCHARGED
480 minute winter	FC38	296	185.536	0.086	0.4	1.0292	0.0000	OK
480 minute winter	FC39	256	185.606	0.156	0.4	0.1956	0.0000	SURCHARGED
480 minute winter	FC40	264	185.744	0.244	0.5	0.3152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC33	35.000	S12	0.5	0.827	0.034	0.0024	
480 minute winter	FC33	Infiltration		0.0				0.0
480 minute winter	FC34	36.000	J30	0.5	0.462	0.079	0.0050	
480 minute winter	FC34	Infiltration		0.0				0.0
480 minute winter	FC35	37.000	J31	0.5	0.832	0.034	0.0030	
480 minute winter	FC35	Infiltration		0.0				0.0
480 minute winter	FC36	38.000	J32	0.5	0.872	0.032	0.0028	
480 minute winter	FC36	Infiltration		0.0				0.0
480 minute winter	FC37	39.000	J33	0.6	0.639	0.070	0.0063	
480 minute winter	FC37	Infiltration		0.0				0.0
480 minute winter	FC38	40.000	J34	0.3	0.642	0.022	0.0020	
480 minute winter	FC38	Infiltration		0.0				0.0
480 minute winter	FC39	41.000	J35	0.4	0.782	0.027	0.0022	
480 minute winter	FC39	Infiltration		0.0				0.0
480 minute winter	FC40	42.000	J36	0.5	1.024	0.025	0.0024	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC41	264	185.098	0.248	0.5	0.3196	0.0000	SURCHARGED
480 minute winter	FC42	264	184.849	0.249	0.5	0.3215	0.0000	SURCHARGED
480 minute winter	FC43	264	184.848	0.248	0.5	0.3198	0.0000	SURCHARGED
480 minute winter	FC44	240	184.614	0.014	0.4	0.0170	0.0000	OK
480 minute winter	FC45	256	184.757	0.157	0.4	0.1961	0.0000	SURCHARGED
480 minute winter	FC46	256	185.094	0.394	0.7	0.5324	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	264	185.046	0.245	0.5	0.3169	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC40	Infiltration		0.0				0.0
480 minute winter	FC41	43.000	J37	0.5	0.671	0.046	0.0037	
480 minute winter	FC41	Infiltration		0.0				0.0
480 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041	
480 minute winter	FC42	Infiltration		0.0				0.0
480 minute winter	FC43	45.000	J39	0.5	0.663	0.047	0.0032	
480 minute winter	FC43	Infiltration		0.0				0.0
480 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
480 minute winter	FC44	Infiltration		0.0				0.0
480 minute winter	FC45	47.000	S10	0.4	0.728	0.029	0.0024	
480 minute winter	FC45	Infiltration		0.0				0.0
480 minute winter	FC46	48.000	S20	0.6	0.471	0.104	0.0078	
480 minute winter	FC46	Infiltration		0.0				0.0
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0033	
480 minute winter	FC48	50.000	J42	0.5	0.396	0.035	0.0064	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC49	264	185.052	0.252	0.5	0.3258	0.0000	SURCHARGED
480 minute winter	FC50	264	185.052	0.252	0.5	0.3257	0.0000	SURCHARGED
480 minute winter	FC51	264	185.102	0.252	0.5	0.3256	0.0000	SURCHARGED
480 minute winter	FC52	264	185.498	0.248	0.5	0.3200	0.0000	SURCHARGED
480 minute winter	FC53	264	185.499	0.249	0.5	0.3208	0.0000	SURCHARGED
480 minute winter	FC54	256	185.408	0.158	0.4	0.1975	0.0000	SURCHARGED
480 minute winter	FC55	256	185.406	0.156	0.4	0.1955	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC48	Infiltration		0.0				0.0
480 minute winter	FC49	51.000	S21	0.5	0.447	0.082	0.0047	
480 minute winter	FC49	Infiltration		0.0				0.0
480 minute winter	FC50	52.000	J43	0.5	0.448	0.082	0.0051	
480 minute winter	FC50	Infiltration		0.0				0.0
480 minute winter	FC51	55.000	S22	0.5	0.450	0.082	0.0067	
480 minute winter	FC51	Infiltration		0.0				0.0
480 minute winter	FC52	58.000	S23	0.5	0.653	0.048	0.0041	
480 minute winter	FC52	Infiltration		0.0				0.0
480 minute winter	FC53	61.000	J50	0.5	0.614	0.052	0.0034	
480 minute winter	FC53	Infiltration		0.0				0.0
480 minute winter	FC54	62.000	J51	0.4	0.636	0.036	0.0024	
480 minute winter	FC54	Infiltration		0.0				0.0
480 minute winter	FC55	64.000	J53	0.4	0.800	0.026	0.0020	
480 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC56	256	185.506	0.156	0.4	0.1953	0.0000	SURCHARGED
480 minute winter	FC57	256	185.506	0.156	0.4	0.1957	0.0000	SURCHARGED
480 minute winter	FC58	256	185.507	0.157	0.4	0.1959	0.0000	SURCHARGED
480 minute winter	FC59	256	185.507	0.157	0.4	0.1966	0.0000	SURCHARGED
480 minute winter	FC60	264	185.597	0.247	0.5	0.3185	0.0000	SURCHARGED
480 minute winter	FC61	264	185.549	0.249	0.5	0.3213	0.0000	SURCHARGED
480 minute winter	FC62	256	185.642	0.392	0.7	0.5289	0.0000	SURCHARGED
480 minute winter	FC63	256	185.562	0.162	0.4	0.2023	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC56	53.000	J44	0.4	0.824	0.025	0.0031	
480 minute winter	FC56	Infiltration		0.0				0.0
480 minute winter	FC57	54.000	J45	0.4	0.773	0.027	0.0032	
480 minute winter	FC57	Infiltration		0.0				0.0
480 minute winter	FC58	56.000	J46	0.4	0.744	0.029	0.0032	
480 minute winter	FC58	Infiltration		0.0				0.0
480 minute winter	FC59	57.000	J47	0.4	0.690	0.032	0.0036	
480 minute winter	FC59	Infiltration		0.0				0.0
480 minute winter	FC60	59.000	J48	0.5	0.733	0.041	0.0044	
480 minute winter	FC60	Infiltration		0.0				0.0
480 minute winter	FC61	60.000	J49	0.5	0.588	0.056	0.0061	
480 minute winter	FC61	Infiltration		0.0				0.0
480 minute winter	FC62	63.000	J52	0.6	0.580	0.081	0.0100	
480 minute winter	FC62	Infiltration		0.0				0.0
480 minute winter	FC63	65.000	S26	0.4	0.314	0.065	0.0030	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC64	256	185.314	0.164	0.4	0.2057	0.0000	SURCHARGED
480 minute winter	FC65	264	185.398	0.248	0.5	0.3199	0.0000	SURCHARGED
480 minute winter	FC66	264	185.251	0.251	0.5	0.3241	0.0000	SURCHARGED
480 minute winter	FC67	296	184.893	0.093	0.4	0.9570	0.0000	OK
480 minute winter	FC68	256	184.709	0.159	0.4	0.1992	0.0000	SURCHARGED
480 minute winter	J1	264	188.240	0.040	2.5	0.0590	0.0000	OK
480 minute winter	J2	264	188.114	0.058	3.0	0.0656	0.0000	OK
480 minute winter	J3	264	188.104	0.053	3.6	0.0605	0.0000	OK
480 minute winter	J4	256	188.077	0.038	4.0	0.0427	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC63	Infiltration		0.0				0.0
480 minute winter	FC64	66.000	J54	0.4	0.197	0.065	0.0046	
480 minute winter	FC64	Infiltration		0.0				0.0
480 minute winter	FC65	67.000	J55	0.5	0.287	0.050	0.0040	
480 minute winter	FC65	Infiltration		0.0				0.0
480 minute winter	FC66	68.000	S24	0.5	0.503	0.068	0.0021	
480 minute winter	FC66	Infiltration		0.0				0.0
480 minute winter	FC67	69.000	J56	0.3	0.376	0.048	0.0016	
480 minute winter	FC67	Infiltration		0.0				0.0
480 minute winter	FC68	70.000	J57	0.4	0.552	0.043	0.0016	
480 minute winter	FC68	Infiltration		0.0				0.0
480 minute winter	J1	1.001	J2	2.5	0.886	0.300	0.0141	
480 minute winter	J2	1.002	J3	3.0	0.499	0.221	0.0062	
480 minute winter	J3	1.003	J4	3.6	0.794	0.270	0.0089	
480 minute winter	J4	1.004	J5	4.0	1.215	0.116	0.0115	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J5	264	187.945	0.035	4.4	0.0391	0.0000	OK
480 minute winter	J6	256	187.699	0.049	4.8	0.0553	0.0000	OK
480 minute winter	J7	256	187.585	0.060	5.2	0.0683	0.0000	OK
480 minute winter	J8	256	187.559	0.038	5.7	0.0435	0.0000	OK
480 minute winter	J9	256	187.339	0.064	6.1	0.0728	0.0000	OK
480 minute winter	J10	256	187.307	0.037	6.7	0.0423	0.0000	OK
480 minute winter	J11	264	187.174	0.053	7.2	0.0597	0.0000	OK
480 minute winter	J12	256	186.874	0.065	10.3	0.0734	0.0000	OK
480 minute winter	J13	256	186.731	0.104	10.6	0.1176	0.0000	OK
480 minute winter	J14	256	186.720	0.098	11.0	0.1106	0.0000	OK
480 minute winter	J15	256	186.704	0.087	11.4	0.0985	0.0000	OK
480 minute winter	J16	256	186.672	0.067	11.8	0.0752	0.0000	OK
480 minute winter	J17	456	186.343	0.060	12.2	0.0679	0.0000	OK
480 minute winter	J18	456	186.343	0.218	23.4	0.2469	0.0000	OK
480 minute winter	J19	472	186.339	0.312	23.1	0.3525	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J5	1.005	J6	4.4	1.113	0.116	0.0228	
480 minute winter	J6	1.006	J7	4.8	1.075	0.170	0.0088	
480 minute winter	J7	1.007	J8	5.3	0.835	0.171	0.0074	
480 minute winter	J8	1.008	J9	5.7	0.834	0.064	0.0586	
480 minute winter	J9	1.009	J10	6.1	0.904	0.182	0.0082	
480 minute winter	J10	1.010	J11	6.7	1.186	0.052	0.0139	
480 minute winter	J11	1.011	S2	7.2	0.638	0.111	0.0613	
480 minute winter	J12	1.013	J13	10.3	1.158	0.154	0.0577	
480 minute winter	J13	1.014	J14	10.6	0.511	0.188	0.0394	
480 minute winter	J14	1.015	J15	11.0	0.598	0.195	0.0353	
480 minute winter	J15	1.016	J16	11.4	0.801	0.214	0.0731	
480 minute winter	J16	1.017	J17	11.8	1.117	0.083	0.0354	
480 minute winter	J17	1.018	S3	12.7	0.995	0.041	0.0547	
480 minute winter	J18	1.020	J19	22.8	0.870	0.079	0.0933	
480 minute winter	J19	1.021	S4	14.5	0.716	0.263	0.3096	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J20	464	186.339	0.308	2.1	0.3487	0.0000	SURCHARGED
480 minute winter	J21	464	186.339	0.330	2.5	0.3737	0.0000	SURCHARGED
480 minute winter	J22	464	186.339	0.376	3.0	0.4255	0.0000	SURCHARGED
480 minute winter	J23	464	186.339	0.397	3.3	0.4492	0.0000	SURCHARGED
480 minute winter	J24	464	186.339	0.522	5.0	0.5904	0.0000	SURCHARGED
480 minute winter	J25	464	186.340	0.544	5.5	0.6148	0.0000	SURCHARGED
480 minute winter	J26	456	186.339	0.560	9.3	0.6337	0.0000	SURCHARGED
480 minute winter	J27	440	186.340	0.604	14.8	0.6827	0.0000	SURCHARGED
480 minute winter	J28	256	186.393	0.037	1.7	0.0422	0.0000	OK
480 minute winter	J29	256	186.314	0.043	2.1	0.0491	0.0000	OK
480 minute winter	J30	256	186.210	0.063	4.3	0.0717	0.0000	OK
480 minute winter	J31	256	186.108	0.064	4.8	0.0722	0.0000	OK
480 minute winter	J32	256	186.073	0.062	5.3	0.0696	0.0000	OK
480 minute winter	J33	256	185.575	0.040	7.2	0.0453	0.0000	OK
480 minute winter	J34	256	185.201	0.076	9.0	0.0862	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J20	23.002	J21	2.1	0.470	0.153	0.0665	
480 minute winter	J21	23.003	J22	2.5	0.499	0.190	0.1411	
480 minute winter	J22	23.004	J23	3.0	0.538	0.223	0.0633	
480 minute winter	J23	23.005	S18	3.3	0.611	0.246	0.1321	
480 minute winter	J24	23.007	J25	5.0	0.454	0.166	0.2458	
480 minute winter	J25	23.008	J26	6.8	0.450	0.224	0.1975	
480 minute winter	J26	23.009	S19	5.9	0.460	0.193	0.1474	
480 minute winter	J27	23.011	S4	11.1	0.642	0.373	0.0951	
480 minute winter	J28	32.001	J29	1.7	0.569	0.284	0.0261	
480 minute winter	J29	32.002	S12	2.1	0.662	0.348	0.0145	
480 minute winter	J30	32.004	J31	4.3	0.643	0.326	0.0335	
480 minute winter	J31	32.005	J32	4.8	0.533	0.160	0.0878	
480 minute winter	J32	32.006	S13	5.3	0.783	0.176	0.0362	
480 minute winter	J33	32.008	S14	7.2	0.946	0.069	0.0704	
480 minute winter	J34	32.010	J35	9.0	0.988	0.232	0.0826	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J35	256	185.125	0.050	9.3	0.0562	0.0000	OK
480 minute winter	J36	256	184.956	0.081	9.8	0.0919	0.0000	OK
480 minute winter	J37	256	184.584	0.084	11.8	0.0948	0.0000	OK
480 minute winter	J38	256	184.409	0.109	13.8	0.1234	0.0000	OK
480 minute winter	J39	256	184.374	0.100	14.3	0.1136	0.0000	OK
480 minute winter	J40	256	184.348	0.083	14.7	0.0940	0.0000	OK
480 minute winter	J41	256	184.619	0.022	0.6	0.0246	0.0000	OK
480 minute winter	J42	264	184.567	0.030	1.1	0.0341	0.0000	OK
480 minute winter	J43	264	184.436	0.056	3.0	0.0633	0.0000	OK
480 minute winter	J44	264	184.424	0.054	3.3	0.0606	0.0000	OK
480 minute winter	J45	256	184.379	0.059	3.7	0.0670	0.0000	OK
480 minute winter	J46	264	184.306	0.083	5.5	0.0944	0.0000	OK
480 minute winter	J47	264	184.299	0.092	5.9	0.1045	0.0000	OK
480 minute winter	J48	264	184.286	0.092	7.7	0.1043	0.0000	OK
480 minute winter	J49	264	184.274	0.105	8.2	0.1184	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J35	32.011	J36	9.3	0.975	0.105	0.0666	
480 minute winter	J36	32.012	S15	9.8	0.956	0.328	0.0245	
480 minute winter	J37	32.014	S16	11.8	1.057	0.214	0.0592	
480 minute winter	J38	32.016	J39	13.8	0.630	0.255	0.2368	
480 minute winter	J39	32.017	J40	14.3	0.782	0.261	0.0668	
480 minute winter	J40	32.018	S10	14.7	0.972	0.147	0.1443	
480 minute winter	J41	48.002	J42	0.6	0.383	0.104	0.0100	
480 minute winter	J42	48.003	S21	1.1	0.566	0.187	0.0159	
480 minute winter	J43	48.005	J44	3.0	0.511	0.213	0.0093	
480 minute winter	J44	48.006	J45	3.3	0.553	0.251	0.0531	
480 minute winter	J45	48.007	S22	3.7	0.616	0.274	0.0144	
480 minute winter	J46	48.009	J47	5.5	0.382	0.178	0.0605	
480 minute winter	J47	48.010	S23	5.9	0.372	0.195	0.0416	
480 minute winter	J48	48.012	J49	7.7	0.464	0.258	0.1243	
480 minute winter	J49	48.013	J50	8.2	0.467	0.268	0.0200	

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J50	264	184.266	0.101	8.7	0.1137	0.0000	OK
480 minute winter	J51	264	184.253	0.105	9.1	0.1186	0.0000	OK
480 minute winter	J52	264	184.242	0.098	9.7	0.1110	0.0000	OK
480 minute winter	J53	264	184.220	0.093	10.1	0.1056	0.0000	OK
480 minute winter	J54	256	185.171	0.042	1.9	0.0471	0.0000	OK
480 minute winter	J55	256	185.134	0.040	2.3	0.0451	0.0000	OK
480 minute winter	J56	256	184.124	0.117	14.2	0.1325	0.0000	OK
480 minute winter	J57	256	184.103	0.118	14.6	0.1332	0.0000	OK
480 minute winter	BASIN 1	464	186.339	1.414	23.3	189.3916	0.0000	SURCHARGED
480 minute winter	BASIN 2	464	184.853	0.553	4.2	55.9828	0.0000	OK
480 minute winter	BASIN 3	720	183.346	0.246	18.6	289.3363	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J50	48.014	J51	8.7	0.494	0.291	0.0895	
480 minute winter	J51	48.015	J52	9.1	0.523	0.296	0.0197	
480 minute winter	J52	48.016	J53	9.7	0.603	0.318	0.0784	
480 minute winter	J53	48.017	S24	10.1	0.704	0.334	0.1467	
480 minute winter	J54	65.002	J55	1.9	0.623	0.315	0.0109	
480 minute winter	J55	65.003	S24	2.3	0.831	0.308	0.0222	
480 minute winter	J56	48.019	J57	14.2	0.557	0.262	0.2322	
480 minute winter	J57	48.020	S25	14.6	0.589	0.268	0.1517	
480 minute winter	BASIN 1	1.023	S5	4.1	0.167	0.050	0.9418	
480 minute winter	BASIN 1	Infiltration		0.1				4.2
480 minute winter	BASIN 2	1.027	S7	4.1	0.589	0.050	0.1561	
480 minute winter	BASIN 2	71.000	BH1	1.1	0.553	0.193	0.1829	
480 minute winter	BASIN 2	Infiltration		0.0				0.0
480 minute winter	BASIN 3	1.034	BH2	1.9	0.375	0.016	1.0664	
480 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	BASIN 4	504	183.976	0.646	17.4	196.0234	0.0000	SURCHARGED
480 minute winter	SWALE 1	384	184.931	0.057	4.1	0.0818	0.0000	OK
480 minute winter	SWALE 2	464	184.431	0.056	4.1	0.0805	0.0000	OK
480 minute winter	SWALE 3	256	184.088	0.093	16.5	0.1332	0.0000	OK
480 minute winter	BH1	464	184.853	0.776	1.1	3.0511	0.0000	OK
480 minute winter	BH2	720	183.346	0.263	1.9	2.9133	0.0000	OK
480 minute winter	BH3	504	183.976	0.657	1.2	4.6716	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	BASIN 4	48.022	BH3	1.2	0.458	0.022	0.3211	
480 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	4.1	0.399	0.050	0.3995	
480 minute winter	SWALE 2	1.029	S8	4.1	0.562	0.050	0.1921	
480 minute winter	SWALE 3	1.033	BASIN 3	16.5	0.791	0.132	0.9029	
480 minute winter	BH1	Infiltration		0.1				3.6
480 minute winter	BH2	Infiltration		0.2				3.6
480 minute winter	BH3	Infiltration		0.2				7.1

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.396	0.026	1.3	0.0384	0.0000	OK
600 minute summer	S2	315	187.143	0.104	11.8	0.1805	0.0000	OK
600 minute summer	S3	495	186.361	0.224	16.2	0.2974	0.0000	OK
600 minute summer	S4	510	186.347	0.969	26.5	1.2422	0.0000	SURCHARGED
600 minute summer	S5	525	186.346	1.436	4.1	2.0542	0.0000	SURCHARGED
600 minute summer	S6	525	184.867	0.059	4.1	0.0837	0.0000	OK
600 minute summer	S7	525	184.790	0.030	4.1	0.0436	0.0000	OK
600 minute summer	S8	540	184.363	0.033	4.1	0.0468	0.0000	OK
600 minute summer	S9	315	184.185	0.060	4.1	0.0863	0.0000	OK
600 minute summer	S10	315	184.185	0.072	20.3	0.1316	0.0000	OK
600 minute summer	S11	315	186.439	0.039	1.7	0.0617	0.0000	OK
600 minute summer	S12	315	186.246	0.070	4.9	0.1036	0.0000	OK
600 minute summer	S13	315	186.038	0.045	8.2	0.0678	0.0000	OK
600 minute summer	S14	315	185.256	0.080	10.8	0.1267	0.0000	OK
600 minute summer	S15	315	184.930	0.063	13.9	0.0991	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S1	1.000	J1	1.3	0.517	0.149	0.0211	
600 minute summer	S2	1.012	J12	11.8	0.725	0.396	0.0244	
600 minute summer	S3	1.019	J18	16.2	0.987	0.304	0.2833	
600 minute summer	S4	1.022	BASIN 1	26.2	0.912	0.157	1.1778	
600 minute summer	S5	1.024	SWALE 1	4.1	0.393	0.049	0.2141	
600 minute summer	S6	1.026	BASIN 2	4.1	0.476	0.047	0.0606	
600 minute summer	S7	1.028	SWALE 2	4.1	0.585	0.014	0.1214	
600 minute summer	S8	1.030	S9	4.1	0.613	0.016	0.0847	
600 minute summer	S9	1.031	S10	4.1	0.645	0.049	0.0878	
600 minute summer	S10	1.032	SWALE 3	20.3	1.034	0.061	0.0861	
600 minute summer	S11	32.000	J28	1.7	0.565	0.286	0.0138	
600 minute summer	S12	32.003	J30	4.9	0.590	0.364	0.0418	
600 minute summer	S13	32.007	J33	8.2	1.461	0.083	0.0728	
600 minute summer	S14	32.009	J34	10.8	0.814	0.212	0.0692	
600 minute summer	S15	32.013	J37	13.9	1.607	0.151	0.0809	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.540	0.053	16.4	0.0802	0.0000	OK
600 minute summer	S17	510	186.347	0.197	2.0	0.3132	0.0000	SURCHARGED
600 minute summer	S18	510	186.347	0.523	5.5	0.7723	0.0000	SURCHARGED
600 minute summer	S19	540	186.354	0.588	8.2	0.8472	0.0000	SURCHARGED
600 minute summer	S20	330	184.666	0.024	0.7	0.0274	0.0000	OK
600 minute summer	S21	315	184.461	0.052	2.9	0.0684	0.0000	OK
600 minute summer	S22	315	184.321	0.090	6.0	0.1171	0.0000	OK
600 minute summer	S23	315	184.305	0.107	8.5	0.1374	0.0000	OK
600 minute summer	S24	315	184.151	0.134	16.5	0.1758	0.0000	OK
600 minute summer	S25	315	184.092	0.122	18.6	0.1691	0.0000	OK
600 minute summer	S26	315	185.406	0.029	1.9	0.0424	0.0000	OK
600 minute summer	FC1	330	188.559	0.309	0.6	0.3992	0.0000	SURCHARGED
600 minute summer	FC2	330	188.460	0.310	0.6	0.4005	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S16	32.015	J38	16.4	0.961	0.051	0.0406	
600 minute summer	S17	23.001	J20	2.0	0.663	0.336	0.0560	
600 minute summer	S18	23.006	J24	5.5	0.450	0.171	0.0729	
600 minute summer	S19	23.010	J27	8.2	0.575	0.274	0.3541	
600 minute summer	S20	48.001	J41	0.7	0.499	0.120	0.0066	
600 minute summer	S21	48.004	J43	2.9	0.476	0.215	0.0307	
600 minute summer	S22	48.008	J46	5.9	0.394	0.189	0.0371	
600 minute summer	S23	48.011	J48	8.5	0.471	0.275	0.0203	
600 minute summer	S24	48.018	J56	16.4	0.555	0.307	0.1258	
600 minute summer	S25	48.021	BASIN 4	18.5	0.766	0.348	0.0933	
600 minute summer	S26	65.001	J54	1.9	0.686	0.179	0.0234	
600 minute summer	FC1	2.000	J1	0.5	0.279	0.088	0.0110	
600 minute summer	FC1	Infiltration		0.0				0.0
600 minute summer	FC2	3.000	J2	0.5	0.463	0.091	0.0053	
600 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC3	330	188.720	0.520	0.8	0.7022	0.0000	SURCHARGED
600 minute summer	FC4	315	188.424	0.224	0.5	0.2799	0.0000	SURCHARGED
600 minute summer	FC5	330	188.310	0.310	0.6	0.4006	0.0000	SURCHARGED
600 minute summer	FC6	315	188.073	0.223	0.5	0.2785	0.0000	SURCHARGED
600 minute summer	FC7	315	187.974	0.224	0.5	0.2803	0.0000	SURCHARGED
600 minute summer	FC8	330	188.056	0.306	0.6	0.3951	0.0000	SURCHARGED
600 minute summer	FC9	315	187.696	0.226	0.5	0.2822	0.0000	SURCHARGED
600 minute summer	FC10	330	187.989	0.519	0.8	0.7016	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC3	4.000	J3	0.7	0.523	0.114	0.0128	
600 minute summer	FC3	Infiltration		0.0				0.0
600 minute summer	FC4	5.000	J4	0.5	0.520	0.062	0.0065	
600 minute summer	FC4	Infiltration		0.0				0.0
600 minute summer	FC5	6.000	J5	0.5	0.461	0.092	0.0049	
600 minute summer	FC5	Infiltration		0.0				0.0
600 minute summer	FC6	7.000	J6	0.5	0.580	0.053	0.0058	
600 minute summer	FC6	Infiltration		0.0				0.0
600 minute summer	FC7	8.000	J7	0.5	0.503	0.065	0.0066	
600 minute summer	FC7	Infiltration		0.0				0.0
600 minute summer	FC8	9.000	J8	0.5	0.647	0.057	0.0035	
600 minute summer	FC8	Infiltration		0.0				0.0
600 minute summer	FC9	10.000	J9	0.5	0.444	0.077	0.0075	
600 minute summer	FC9	Infiltration		0.0				0.0
600 minute summer	FC10	11.000	J10	0.7	0.543	0.107	0.0082	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC11	330	187.630	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC12	330	187.540	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC13	330	187.310	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC14	360	187.033	0.133	0.6	1.6970	0.0000	SURCHARGED
600 minute summer	FC15	315	187.419	0.219	0.5	0.2740	0.0000	SURCHARGED
600 minute summer	FC16	315	187.125	0.225	0.5	0.2815	0.0000	SURCHARGED
600 minute summer	FC17	315	187.221	0.221	0.5	0.2759	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC10	Infiltration		0.0				0.0
600 minute summer	FC11	12.000	J11	0.5	0.465	0.092	0.0091	
600 minute summer	FC11	Infiltration		0.0				0.0
600 minute summer	FC12	13.000	S2	0.5	0.465	0.092	0.0081	
600 minute summer	FC12	Infiltration		0.0				0.0
600 minute summer	FC13	14.000	J12	0.5	0.466	0.092	0.0080	
600 minute summer	FC13	Infiltration		0.0				0.0
600 minute summer	FC14	15.000	J13	0.3	0.409	0.058	0.0064	
600 minute summer	FC14	Infiltration		0.0				0.0
600 minute summer	FC15	16.000	J14	0.5	0.937	0.027	0.0023	
600 minute summer	FC15	Infiltration		0.0				0.0
600 minute summer	FC16	17.000	J15	0.5	0.464	0.073	0.0075	
600 minute summer	FC16	Infiltration		0.0				0.0
600 minute summer	FC17	18.000	J16	0.5	0.734	0.038	0.0030	
600 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC18	315	186.776	0.226	0.5	0.2823	0.0000	SURCHARGED
600 minute summer	FC19	330	186.710	0.310	0.6	0.4004	0.0000	SURCHARGED
600 minute summer	FC20	330	187.253	0.303	0.6	0.3906	0.0000	SURCHARGED
600 minute summer	FC21	330	186.610	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC22	345	186.562	0.112	0.5	1.0837	0.0000	SURCHARGED
600 minute summer	FC23	315	186.520	0.220	0.5	0.2753	0.0000	SURCHARGED
600 minute summer	FC24	330	186.603	0.303	0.6	0.3917	0.0000	SURCHARGED
600 minute summer	FC25	330	186.853	0.303	0.6	0.3907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC18	19.000	J17	0.5	0.442	0.078	0.0073	
600 minute summer	FC18	Infiltration		0.0				0.0
600 minute summer	FC19	20.000	S3	0.5	0.463	0.092	0.0078	
600 minute summer	FC19	Infiltration		0.0				0.0
600 minute summer	FC20	21.000	J18	0.5	0.932	0.034	0.0025	
600 minute summer	FC20	Infiltration		0.0				0.0
600 minute summer	FC21	22.000	J19	0.7	0.465	0.117	0.0436	
600 minute summer	FC21	Infiltration		0.0				0.0
600 minute summer	FC22	23.000	S17	0.3	0.246	0.021	0.0196	
600 minute summer	FC22	Infiltration		0.0				0.0
600 minute summer	FC23	24.000	J20	0.5	0.778	0.035	0.0262	
600 minute summer	FC23	Infiltration		0.0				0.0
600 minute summer	FC24	25.000	J21	0.5	0.842	0.039	0.0265	
600 minute summer	FC24	Infiltration		0.0				0.0
600 minute summer	FC25	26.000	J22	0.5	0.925	0.034	0.0189	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC26	345	186.560	0.110	0.5	1.1075	0.0000	SURCHARGED
600 minute summer	FC27	315	186.719	0.219	0.5	0.2738	0.0000	SURCHARGED
600 minute summer	FC28	330	186.803	0.303	0.6	0.3906	0.0000	SURCHARGED
600 minute summer	FC29	330	186.803	0.303	0.6	0.3909	0.0000	SURCHARGED
600 minute summer	FC30	330	187.053	0.303	0.6	0.3914	0.0000	SURCHARGED
600 minute summer	FC31	315	186.672	0.222	0.5	0.2779	0.0000	SURCHARGED
600 minute summer	FC32	315	186.670	0.220	0.5	0.2754	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC25	Infiltration		0.0				0.0
600 minute summer	FC26	27.000	J23	0.3	0.697	0.024	0.0187	
600 minute summer	FC26	Infiltration		0.0				0.0
600 minute summer	FC27	28.000	J24	0.5	1.090	0.021	0.0184	
600 minute summer	FC27	Infiltration		0.0				0.0
600 minute summer	FC28	29.000	J25	0.5	0.930	0.034	0.0176	
600 minute summer	FC28	Infiltration		0.0				0.0
600 minute summer	FC29	30.000	J26	0.5	0.905	0.035	0.0190	
600 minute summer	FC29	Infiltration		0.0				0.0
600 minute summer	FC30	31.000	J27	0.5	0.869	0.037	0.0028	
600 minute summer	FC30	Infiltration		0.0				0.0
600 minute summer	FC31	33.000	J28	0.5	0.267	0.051	0.0085	
600 minute summer	FC31	Infiltration		0.0				0.0
600 minute summer	FC32	34.000	J29	0.5	0.237	0.036	0.0094	
600 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC33	330	186.753	0.303	0.6	0.3913	0.0000	SURCHARGED
600 minute summer	FC34	330	186.760	0.310	0.6	0.4000	0.0000	SURCHARGED
600 minute summer	FC35	330	186.753	0.303	0.6	0.3915	0.0000	SURCHARGED
600 minute summer	FC36	330	186.753	0.303	0.6	0.3910	0.0000	SURCHARGED
600 minute summer	FC37	330	186.317	0.516	0.8	0.6978	0.0000	SURCHARGED
600 minute summer	FC38	345	185.551	0.101	0.5	1.2150	0.0000	SURCHARGED
600 minute summer	FC39	315	185.670	0.220	0.5	0.2748	0.0000	SURCHARGED
600 minute summer	FC40	330	185.802	0.302	0.6	0.3894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC33	35.000	S12	0.5	0.854	0.038	0.0036	
600 minute summer	FC33	Infiltration		0.0				0.0
600 minute summer	FC34	36.000	J30	0.5	0.477	0.088	0.0054	
600 minute summer	FC34	Infiltration		0.0				0.0
600 minute summer	FC35	37.000	J31	0.5	0.860	0.038	0.0032	
600 minute summer	FC35	Infiltration		0.0				0.0
600 minute summer	FC36	38.000	J32	0.5	0.902	0.036	0.0030	
600 minute summer	FC36	Infiltration		0.0				0.0
600 minute summer	FC37	39.000	J33	0.7	0.667	0.080	0.0070	
600 minute summer	FC37	Infiltration		0.0				0.0
600 minute summer	FC38	40.000	J34	0.3	0.661	0.024	0.0022	
600 minute summer	FC38	Infiltration		0.0				0.0
600 minute summer	FC39	41.000	J35	0.5	0.824	0.032	0.0025	
600 minute summer	FC39	Infiltration		0.0				0.0
600 minute summer	FC40	42.000	J36	0.5	1.057	0.028	0.0026	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC41	330	185.155	0.305	0.6	0.3941	0.0000	SURCHARGED
600 minute summer	FC42	330	184.907	0.307	0.6	0.3961	0.0000	SURCHARGED
600 minute summer	FC43	330	184.905	0.305	0.6	0.3943	0.0000	SURCHARGED
600 minute summer	FC44	315	184.615	0.015	0.5	0.0190	0.0000	OK
600 minute summer	FC45	315	184.820	0.220	0.5	0.2754	0.0000	SURCHARGED
600 minute summer	FC46	330	185.220	0.520	0.8	0.7031	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	185.103	0.303	0.6	0.3913	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC40	Infiltration		0.0				0.0
600 minute summer	FC41	43.000	J37	0.5	0.693	0.052	0.0040	
600 minute summer	FC41	Infiltration		0.0				0.0
600 minute summer	FC42	44.000	J38	0.5	0.603	0.063	0.0045	
600 minute summer	FC42	Infiltration		0.0				0.0
600 minute summer	FC43	45.000	J39	0.5	0.685	0.053	0.0034	
600 minute summer	FC43	Infiltration		0.0				0.0
600 minute summer	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
600 minute summer	FC44	Infiltration		0.0				0.0
600 minute summer	FC45	47.000	S10	0.5	0.768	0.035	0.0028	
600 minute summer	FC45	Infiltration		0.0				0.0
600 minute summer	FC46	48.000	S20	0.7	0.490	0.120	0.0087	
600 minute summer	FC46	Infiltration		0.0				0.0
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0037	
600 minute summer	FC48	50.000	J42	0.5	0.407	0.039	0.0071	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC49	330	185.110	0.310	0.6	0.4006	0.0000	SURCHARGED
600 minute summer	FC50	330	185.110	0.310	0.6	0.4005	0.0000	SURCHARGED
600 minute summer	FC51	330	185.160	0.310	0.6	0.4004	0.0000	SURCHARGED
600 minute summer	FC52	330	185.556	0.306	0.6	0.3945	0.0000	SURCHARGED
600 minute summer	FC53	330	185.556	0.306	0.6	0.3954	0.0000	SURCHARGED
600 minute summer	FC54	315	185.471	0.221	0.5	0.2769	0.0000	SURCHARGED
600 minute summer	FC55	315	185.470	0.220	0.5	0.2747	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC48	Infiltration		0.0				0.0
600 minute summer	FC49	51.000	S21	0.5	0.462	0.092	0.0051	
600 minute summer	FC49	Infiltration		0.0				0.0
600 minute summer	FC50	52.000	J43	0.5	0.462	0.092	0.0055	
600 minute summer	FC50	Infiltration		0.0				0.0
600 minute summer	FC51	55.000	S22	0.5	0.464	0.092	0.0072	
600 minute summer	FC51	Infiltration		0.0				0.0
600 minute summer	FC52	58.000	S23	0.5	0.674	0.054	0.0044	
600 minute summer	FC52	Infiltration		0.0				0.0
600 minute summer	FC53	61.000	J50	0.5	0.633	0.059	0.0037	
600 minute summer	FC53	Infiltration		0.0				0.0
600 minute summer	FC54	62.000	J51	0.5	0.669	0.043	0.0027	
600 minute summer	FC54	Infiltration		0.0				0.0
600 minute summer	FC55	64.000	J53	0.5	0.842	0.031	0.0023	
600 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC56	315	185.569	0.219	0.5	0.2744	0.0000	SURCHARGED
600 minute summer	FC57	315	185.570	0.220	0.5	0.2749	0.0000	SURCHARGED
600 minute summer	FC58	315	185.570	0.220	0.5	0.2752	0.0000	SURCHARGED
600 minute summer	FC59	315	185.571	0.221	0.5	0.2759	0.0000	SURCHARGED
600 minute summer	FC60	330	185.654	0.304	0.6	0.3929	0.0000	SURCHARGED
600 minute summer	FC61	330	185.607	0.307	0.6	0.3959	0.0000	SURCHARGED
600 minute summer	FC62	330	185.768	0.518	0.8	0.6994	0.0000	SURCHARGED
600 minute summer	FC63	315	185.625	0.225	0.5	0.2818	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC56	53.000	J44	0.5	0.869	0.030	0.0035	
600 minute summer	FC56	Infiltration		0.0				0.0
600 minute summer	FC57	54.000	J45	0.5	0.816	0.032	0.0037	
600 minute summer	FC57	Infiltration		0.0				0.0
600 minute summer	FC58	56.000	J46	0.5	0.785	0.034	0.0036	
600 minute summer	FC58	Infiltration		0.0				0.0
600 minute summer	FC59	57.000	J47	0.5	0.728	0.038	0.0040	
600 minute summer	FC59	Infiltration		0.0				0.0
600 minute summer	FC60	59.000	J48	0.5	0.757	0.046	0.0047	
600 minute summer	FC60	Infiltration		0.0				0.0
600 minute summer	FC61	60.000	J49	0.5	0.607	0.063	0.0066	
600 minute summer	FC61	Infiltration		0.0				0.0
600 minute summer	FC62	63.000	J52	0.7	0.605	0.093	0.0111	
600 minute summer	FC62	Infiltration		0.0				0.0
600 minute summer	FC63	65.000	S26	0.5	0.338	0.078	0.0035	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC64	315	185.381	0.231	0.5	0.2889	0.0000	SURCHARGED
600 minute summer	FC65	330	185.456	0.306	0.6	0.3944	0.0000	SURCHARGED
600 minute summer	FC66	330	185.309	0.309	0.6	0.3988	0.0000	SURCHARGED
600 minute summer	FC67	345	184.911	0.111	0.5	1.1439	0.0000	SURCHARGED
600 minute summer	FC68	315	184.773	0.223	0.5	0.2787	0.0000	SURCHARGED
600 minute summer	J1	315	188.246	0.046	3.1	0.0676	0.0000	OK
600 minute summer	J2	315	188.121	0.065	3.7	0.0736	0.0000	OK
600 minute summer	J3	315	188.109	0.059	4.4	0.0672	0.0000	OK
600 minute summer	J4	315	188.081	0.042	4.8	0.0476	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC63	Infiltration		0.0				0.0
600 minute summer	FC64	66.000	J54	0.5	0.213	0.078	0.0058	
600 minute summer	FC64	Infiltration		0.0				0.0
600 minute summer	FC65	67.000	J55	0.5	0.292	0.056	0.0046	
600 minute summer	FC65	Infiltration		0.0				0.0
600 minute summer	FC66	68.000	S24	0.5	0.519	0.076	0.0022	
600 minute summer	FC66	Infiltration		0.0				0.0
600 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
600 minute summer	FC67	Infiltration		0.0				0.0
600 minute summer	FC68	70.000	J57	0.5	0.580	0.051	0.0018	
600 minute summer	FC68	Infiltration		0.0				0.0
600 minute summer	J1	1.001	J2	3.1	0.938	0.379	0.0168	
600 minute summer	J2	1.002	J3	3.7	0.533	0.274	0.0072	
600 minute summer	J3	1.003	J4	4.4	0.834	0.329	0.0103	
600 minute summer	J4	1.004	J5	4.8	1.278	0.141	0.0134	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J5	315	187.948	0.038	5.4	0.0431	0.0000	OK
600 minute summer	J6	315	187.705	0.055	5.8	0.0617	0.0000	OK
600 minute summer	J7	315	187.591	0.066	6.3	0.0751	0.0000	OK
600 minute summer	J8	315	187.563	0.042	7.0	0.0475	0.0000	OK
600 minute summer	J9	315	187.346	0.071	7.3	0.0800	0.0000	OK
600 minute summer	J10	315	187.311	0.041	8.0	0.0467	0.0000	OK
600 minute summer	J11	315	187.179	0.058	8.5	0.0658	0.0000	OK
600 minute summer	J12	315	186.881	0.072	12.4	0.0812	0.0000	OK
600 minute summer	J13	315	186.741	0.114	12.7	0.1293	0.0000	OK
600 minute summer	J14	315	186.729	0.107	13.1	0.1213	0.0000	OK
600 minute summer	J15	315	186.712	0.095	13.6	0.1077	0.0000	OK
600 minute summer	J16	315	186.678	0.073	14.0	0.0829	0.0000	OK
600 minute summer	J17	510	186.354	0.071	14.5	0.0799	0.0000	OK
600 minute summer	J18	510	186.352	0.227	16.8	0.2568	0.0000	OK
600 minute summer	J19	510	186.350	0.323	27.0	0.3650	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J5	1.005	J6	5.4	1.161	0.140	0.0264	
600 minute summer	J6	1.006	J7	5.8	1.124	0.205	0.0102	
600 minute summer	J7	1.007	J8	6.5	0.880	0.210	0.0084	
600 minute summer	J8	1.008	J9	6.8	0.878	0.077	0.0667	
600 minute summer	J9	1.009	J10	7.3	0.945	0.218	0.0094	
600 minute summer	J10	1.010	J11	8.0	1.225	0.062	0.0160	
600 minute summer	J11	1.011	S2	8.5	0.658	0.132	0.0701	
600 minute summer	J12	1.013	J13	12.4	1.213	0.185	0.0660	
600 minute summer	J13	1.014	J14	12.7	0.536	0.224	0.0448	
600 minute summer	J14	1.015	J15	13.1	0.628	0.233	0.0401	
600 minute summer	J15	1.016	J16	13.6	0.839	0.255	0.0833	
600 minute summer	J16	1.017	J17	14.0	1.168	0.099	0.0404	
600 minute summer	J17	1.018	S3	14.5	1.025	0.047	0.0625	
600 minute summer	J18	1.020	J19	26.7	0.897	0.093	0.0950	
600 minute summer	J19	1.021	S4	17.3	0.754	0.314	0.3096	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J20	510	186.347	0.316	2.5	0.3570	0.0000	SURCHARGED
600 minute summer	J21	510	186.347	0.337	3.0	0.3817	0.0000	SURCHARGED
600 minute summer	J22	540	186.349	0.386	3.5	0.4368	0.0000	SURCHARGED
600 minute summer	J23	525	186.347	0.405	3.8	0.4577	0.0000	SURCHARGED
600 minute summer	J24	510	186.346	0.529	5.9	0.5984	0.0000	SURCHARGED
600 minute summer	J25	540	186.350	0.554	6.4	0.6263	0.0000	SURCHARGED
600 minute summer	J26	540	186.356	0.577	6.7	0.6522	0.0000	SURCHARGED
600 minute summer	J27	495	186.350	0.614	8.7	0.6948	0.0000	SURCHARGED
600 minute summer	J28	315	186.399	0.043	2.2	0.0488	0.0000	OK
600 minute summer	J29	315	186.321	0.050	2.6	0.0565	0.0000	OK
600 minute summer	J30	315	186.219	0.072	5.4	0.0817	0.0000	OK
600 minute summer	J31	315	186.115	0.071	5.9	0.0808	0.0000	OK
600 minute summer	J32	315	186.079	0.068	6.5	0.0769	0.0000	OK
600 minute summer	J33	315	185.579	0.044	8.9	0.0501	0.0000	OK
600 minute summer	J34	315	185.210	0.085	11.0	0.0959	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J20	23.002	J21	2.5	0.490	0.182	0.0665	
600 minute summer	J21	23.003	J22	3.0	0.519	0.223	0.1411	
600 minute summer	J22	23.004	J23	3.5	0.560	0.261	0.0633	
600 minute summer	J23	23.005	S18	3.8	0.635	0.285	0.1321	
600 minute summer	J24	23.007	J25	5.8	0.466	0.193	0.2458	
600 minute summer	J25	23.008	J26	6.1	0.459	0.203	0.1975	
600 minute summer	J26	23.009	S19	6.6	0.467	0.216	0.1474	
600 minute summer	J27	23.011	S4	13.1	0.665	0.438	0.0951	
600 minute summer	J28	32.001	J29	2.2	0.605	0.364	0.0315	
600 minute summer	J29	32.002	S12	2.6	0.701	0.441	0.0174	
600 minute summer	J30	32.004	J31	5.4	0.679	0.407	0.0395	
600 minute summer	J31	32.005	J32	5.9	0.568	0.197	0.1019	
600 minute summer	J32	32.006	S13	6.5	0.827	0.215	0.0418	
600 minute summer	J33	32.008	S14	8.9	0.990	0.085	0.0828	
600 minute summer	J34	32.010	J35	11.0	1.040	0.286	0.0964	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J35	315	185.131	0.056	11.5	0.0633	0.0000	OK
600 minute summer	J36	315	184.965	0.090	12.0	0.1022	0.0000	OK
600 minute summer	J37	315	184.593	0.093	14.5	0.1048	0.0000	OK
600 minute summer	J38	315	184.422	0.122	16.9	0.1380	0.0000	OK
600 minute summer	J39	315	184.386	0.112	17.4	0.1265	0.0000	OK
600 minute summer	J40	315	184.358	0.093	17.9	0.1049	0.0000	OK
600 minute summer	J41	330	184.620	0.023	0.7	0.0265	0.0000	OK
600 minute summer	J42	330	184.569	0.032	1.3	0.0366	0.0000	OK
600 minute summer	J43	315	184.441	0.061	3.4	0.0688	0.0000	OK
600 minute summer	J44	315	184.428	0.058	3.9	0.0658	0.0000	OK
600 minute summer	J45	315	184.384	0.064	4.3	0.0729	0.0000	OK
600 minute summer	J46	315	184.316	0.094	6.4	0.1061	0.0000	OK
600 minute summer	J47	315	184.310	0.103	6.9	0.1163	0.0000	OK
600 minute summer	J48	315	184.296	0.102	9.0	0.1157	0.0000	OK
600 minute summer	J49	315	184.284	0.115	9.6	0.1300	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J35	32.011	J36	11.5	1.028	0.129	0.0775	
600 minute summer	J36	32.012	S15	12.0	1.008	0.401	0.0284	
600 minute summer	J37	32.014	S16	14.5	1.101	0.262	0.0693	
600 minute summer	J38	32.016	J39	16.9	0.665	0.313	0.2749	
600 minute summer	J39	32.017	J40	17.4	0.822	0.319	0.0775	
600 minute summer	J40	32.018	S10	17.9	1.025	0.180	0.1673	
600 minute summer	J41	48.002	J42	0.7	0.400	0.120	0.0111	
600 minute summer	J42	48.003	S21	1.3	0.587	0.213	0.0175	
600 minute summer	J43	48.005	J44	3.4	0.523	0.244	0.0104	
600 minute summer	J44	48.006	J45	3.9	0.570	0.289	0.0594	
600 minute summer	J45	48.007	S22	4.3	0.640	0.318	0.0161	
600 minute summer	J46	48.009	J47	6.4	0.384	0.208	0.0702	
600 minute summer	J47	48.010	S23	6.8	0.379	0.227	0.0478	
600 minute summer	J48	48.012	J49	9.0	0.475	0.302	0.1413	
600 minute summer	J49	48.013	J50	9.5	0.480	0.312	0.0226	

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J50	315	184.275	0.110	10.1	0.1249	0.0000	OK
600 minute summer	J51	315	184.263	0.114	10.5	0.1294	0.0000	OK
600 minute summer	J52	315	184.251	0.107	11.2	0.1210	0.0000	OK
600 minute summer	J53	315	184.228	0.101	11.7	0.1146	0.0000	OK
600 minute summer	J54	315	185.176	0.047	2.3	0.0534	0.0000	OK
600 minute summer	J55	315	185.139	0.045	2.9	0.0504	0.0000	OK
600 minute summer	J56	315	184.136	0.129	16.7	0.1458	0.0000	OK
600 minute summer	J57	315	184.114	0.129	17.2	0.1459	0.0000	OK
600 minute summer	BASIN 1	525	186.346	1.421	27.0	190.6297	0.0000	SURCHARGED
600 minute summer	BASIN 2	525	184.853	0.553	4.2	55.9946	0.0000	OK
600 minute summer	BASIN 3	840	183.428	0.328	22.8	323.9317	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J50	48.014	J51	10.1	0.509	0.337	0.1006	
600 minute summer	J51	48.015	J52	10.5	0.542	0.344	0.0221	
600 minute summer	J52	48.016	J53	11.2	0.624	0.368	0.0876	
600 minute summer	J53	48.017	S24	11.7	0.733	0.387	0.1632	
600 minute summer	J54	65.002	J55	2.3	0.660	0.391	0.0127	
600 minute summer	J55	65.003	S24	2.9	0.873	0.375	0.0257	
600 minute summer	J56	48.019	J57	16.7	0.577	0.308	0.2630	
600 minute summer	J57	48.020	S25	17.2	0.614	0.314	0.1711	
600 minute summer	BASIN 1	1.023	S5	4.1	0.047	0.050	0.9418	
600 minute summer	BASIN 1	Infiltration		0.1				4.9
600 minute summer	BASIN 2	1.027	S7	4.1	0.590	0.050	0.1565	
600 minute summer	BASIN 2	71.000	BH1	1.1	0.533	0.181	0.1829	
600 minute summer	BASIN 2	Infiltration		0.0				0.0
600 minute summer	BASIN 3	1.034	BH2	1.7	0.391	0.014	1.4636	
600 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	BASIN 4	630	184.008	0.678	20.6	206.6096	0.0000	SURCHARGED
600 minute summer	SWALE 1	420	184.931	0.057	4.1	0.0818	0.0000	OK
600 minute summer	SWALE 2	540	184.431	0.056	4.1	0.0806	0.0000	OK
600 minute summer	SWALE 3	315	184.098	0.103	20.3	0.1480	0.0000	OK
600 minute summer	BH1	525	184.853	0.776	1.1	3.0514	0.0000	OK
600 minute summer	BH2	840	183.428	0.345	1.7	3.3177	0.0000	OK
600 minute summer	BH3	630	184.008	0.689	0.7	4.8213	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	BASIN 4	48.022	BH3	0.7	0.366	0.012	0.3211	
600 minute summer	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	4.1	0.399	0.050	0.4003	
600 minute summer	SWALE 2	1.029	S8	4.1	0.563	0.050	0.1926	
600 minute summer	SWALE 3	1.033	BASIN 3	20.2	0.837	0.162	1.0451	
600 minute summer	BH1	Infiltration		0.1				4.2
600 minute summer	BH2	Infiltration		0.2				4.5
600 minute summer	BH3	Infiltration		0.2				8.2

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	315	188.392	0.022	0.9	0.0320	0.0000	OK
600 minute winter	S2	315	187.126	0.086	8.4	0.1496	0.0000	OK
600 minute winter	S3	555	186.364	0.227	11.4	0.3022	0.0000	OK
600 minute winter	S4	585	186.352	0.974	19.3	1.2489	0.0000	SURCHARGED
600 minute winter	S5	570	186.346	1.436	4.1	2.0552	0.0000	SURCHARGED
600 minute winter	S6	570	184.867	0.059	4.1	0.0837	0.0000	OK
600 minute winter	S7	570	184.790	0.030	4.1	0.0436	0.0000	OK
600 minute winter	S8	570	184.363	0.033	4.1	0.0468	0.0000	OK
600 minute winter	S9	465	184.179	0.054	4.1	0.0770	0.0000	OK
600 minute winter	S10	315	184.171	0.058	13.9	0.1050	0.0000	OK
600 minute winter	S11	330	186.431	0.031	1.1	0.0481	0.0000	OK
600 minute winter	S12	330	186.231	0.055	3.2	0.0806	0.0000	OK
600 minute winter	S13	330	186.030	0.037	5.5	0.0554	0.0000	OK
600 minute winter	S14	315	185.240	0.064	7.3	0.1016	0.0000	OK
600 minute winter	S15	315	184.919	0.052	9.6	0.0810	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S1	1.000	J1	0.9	0.467	0.103	0.0161	
600 minute winter	S2	1.012	J12	8.4	0.657	0.280	0.0190	
600 minute winter	S3	1.019	J18	11.4	0.997	0.214	0.2851	
600 minute winter	S4	1.022	BASIN 1	19.2	0.952	0.114	1.1778	
600 minute winter	S5	1.024	SWALE 1	4.1	0.393	0.049	0.2129	
600 minute winter	S6	1.026	BASIN 2	4.1	0.475	0.047	0.0606	
600 minute winter	S7	1.028	SWALE 2	4.1	0.585	0.014	0.1214	
600 minute winter	S8	1.030	S9	4.1	0.613	0.016	0.0856	
600 minute winter	S9	1.031	S10	4.1	0.646	0.049	0.0612	
600 minute winter	S10	1.032	SWALE 3	13.9	0.954	0.042	0.0643	
600 minute winter	S11	32.000	J28	1.1	0.509	0.185	0.0098	
600 minute winter	S12	32.003	J30	3.2	0.537	0.239	0.0303	
600 minute winter	S13	32.007	J33	5.5	1.300	0.056	0.0550	
600 minute winter	S14	32.009	J34	7.3	0.738	0.144	0.0520	
600 minute winter	S15	32.013	J37	9.6	1.455	0.103	0.0613	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.528	0.041	11.2	0.0624	0.0000	OK
600 minute winter	S17	570	186.347	0.197	1.4	0.3137	0.0000	SURCHARGED
600 minute winter	S18	585	186.349	0.525	4.0	0.7764	0.0000	SURCHARGED
600 minute winter	S19	570	186.348	0.582	6.2	0.8386	0.0000	SURCHARGED
600 minute winter	S20	330	184.663	0.021	0.6	0.0240	0.0000	OK
600 minute winter	S21	315	184.452	0.043	2.1	0.0575	0.0000	OK
600 minute winter	S22	315	184.302	0.071	4.3	0.0922	0.0000	OK
600 minute winter	S23	315	184.284	0.086	6.1	0.1109	0.0000	OK
600 minute winter	S24	315	184.126	0.109	11.6	0.1434	0.0000	OK
600 minute winter	S25	315	184.072	0.102	13.1	0.1405	0.0000	OK
600 minute winter	S26	330	185.400	0.023	1.2	0.0340	0.0000	OK
600 minute winter	FC1	345	188.423	0.173	0.4	0.2238	0.0000	SURCHARGED
600 minute winter	FC2	345	188.324	0.174	0.4	0.2249	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S16	32.015	J38	11.2	0.898	0.035	0.0302	
600 minute winter	S17	23.001	J20	1.4	0.609	0.243	0.0560	
600 minute winter	S18	23.006	J24	3.9	0.429	0.122	0.0729	
600 minute winter	S19	23.010	J27	6.2	0.534	0.206	0.3541	
600 minute winter	S20	48.001	J41	0.5	0.465	0.092	0.0055	
600 minute winter	S21	48.004	J43	2.1	0.452	0.160	0.0242	
600 minute winter	S22	48.008	J46	4.3	0.393	0.138	0.0268	
600 minute winter	S23	48.011	J48	6.1	0.453	0.198	0.0152	
600 minute winter	S24	48.018	J56	11.6	0.515	0.217	0.0959	
600 minute winter	S25	48.021	BASIN 4	13.1	0.694	0.245	0.0725	
600 minute winter	S26	65.001	J54	1.2	0.612	0.116	0.0169	
600 minute winter	FC1	2.000	J1	0.4	0.243	0.064	0.0085	
600 minute winter	FC1	Infiltration		0.0				0.0
600 minute winter	FC2	3.000	J2	0.4	0.424	0.067	0.0043	
600 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC3	315	188.518	0.318	0.6	0.4295	0.0000	SURCHARGED
600 minute winter	FC4	345	188.302	0.102	0.3	0.1276	0.0000	SURCHARGED
600 minute winter	FC5	345	188.174	0.174	0.4	0.2250	0.0000	SURCHARGED
600 minute winter	FC6	345	187.951	0.101	0.3	0.1264	0.0000	SURCHARGED
600 minute winter	FC7	345	187.852	0.102	0.3	0.1280	0.0000	SURCHARGED
600 minute winter	FC8	345	187.921	0.170	0.4	0.2201	0.0000	SURCHARGED
600 minute winter	FC9	345	187.574	0.104	0.3	0.1296	0.0000	SURCHARGED
600 minute winter	FC10	315	187.788	0.317	0.6	0.4289	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC3	4.000	J3	0.6	0.486	0.088	0.0106	
600 minute winter	FC3	Infiltration		0.0				0.0
600 minute winter	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
600 minute winter	FC4	Infiltration		0.0				0.0
600 minute winter	FC5	6.000	J5	0.4	0.422	0.067	0.0039	
600 minute winter	FC5	Infiltration		0.0				0.0
600 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
600 minute winter	FC6	Infiltration		0.0				0.0
600 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
600 minute winter	FC7	Infiltration		0.0				0.0
600 minute winter	FC8	9.000	J8	0.4	0.592	0.042	0.0028	
600 minute winter	FC8	Infiltration		0.0				0.0
600 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
600 minute winter	FC9	Infiltration		0.0				0.0
600 minute winter	FC10	11.000	J10	0.6	0.505	0.083	0.0068	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC11	345	187.494	0.174	0.4	0.2247	0.0000	SURCHARGED
600 minute winter	FC12	345	187.404	0.174	0.4	0.2247	0.0000	SURCHARGED
600 minute winter	FC13	345	187.174	0.174	0.4	0.2247	0.0000	SURCHARGED
600 minute winter	FC14	360	187.009	0.109	0.4	1.3888	0.0000	SURCHARGED
600 minute winter	FC15	345	187.299	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC16	345	187.003	0.103	0.3	0.1290	0.0000	SURCHARGED
600 minute winter	FC17	345	187.099	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC10	Infiltration		0.0				0.0
600 minute winter	FC11	12.000	J11	0.4	0.425	0.068	0.0073	
600 minute winter	FC11	Infiltration		0.0				0.0
600 minute winter	FC12	13.000	S2	0.4	0.425	0.068	0.0065	
600 minute winter	FC12	Infiltration		0.0				0.0
600 minute winter	FC13	14.000	J12	0.4	0.426	0.067	0.0064	
600 minute winter	FC13	Infiltration		0.0				0.0
600 minute winter	FC14	15.000	J13	0.3	0.396	0.052	0.0059	
600 minute winter	FC14	Infiltration		0.0				0.0
600 minute winter	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
600 minute winter	FC15	Infiltration		0.0				0.0
600 minute winter	FC16	17.000	J15	0.3	0.410	0.047	0.0056	
600 minute winter	FC16	Infiltration		0.0				0.0
600 minute winter	FC17	18.000	J16	0.3	0.648	0.024	0.0022	
600 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC18	345	186.654	0.104	0.3	0.1297	0.0000	SURCHARGED
600 minute winter	FC19	345	186.574	0.174	0.4	0.2248	0.0000	SURCHARGED
600 minute winter	FC20	345	187.117	0.167	0.4	0.2160	0.0000	SURCHARGED
600 minute winter	FC21	345	186.474	0.174	0.4	0.2247	0.0000	SURCHARGED
600 minute winter	FC22	345	186.527	0.077	0.3	0.7490	0.0000	OK
600 minute winter	FC23	345	186.399	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC24	345	186.468	0.168	0.4	0.2170	0.0000	SURCHARGED
600 minute winter	FC25	345	186.717	0.167	0.4	0.2161	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
600 minute winter	FC18	Infiltration		0.0				0.0
600 minute winter	FC19	20.000	S3	0.4	0.424	0.068	0.0069	
600 minute winter	FC19	Infiltration		0.0				0.0
600 minute winter	FC20	21.000	J18	0.4	0.851	0.025	0.0020	
600 minute winter	FC20	Infiltration		0.0				0.0
600 minute winter	FC21	22.000	J19	0.4	0.425	0.074	0.0435	
600 minute winter	FC21	Infiltration		0.0				0.0
600 minute winter	FC22	23.000	S17	0.3	0.237	0.017	0.0194	
600 minute winter	FC22	Infiltration		0.0				0.0
600 minute winter	FC23	24.000	J20	0.3	0.686	0.023	0.0262	
600 minute winter	FC23	Infiltration		0.0				0.0
600 minute winter	FC24	25.000	J21	0.4	0.768	0.029	0.0266	
600 minute winter	FC24	Infiltration		0.0				0.0
600 minute winter	FC25	26.000	J22	0.4	0.844	0.025	0.0189	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC26	345	186.526	0.076	0.3	0.7699	0.0000	OK
600 minute winter	FC27	345	186.599	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC28	345	186.667	0.167	0.4	0.2161	0.0000	SURCHARGED
600 minute winter	FC29	345	186.668	0.168	0.4	0.2163	0.0000	SURCHARGED
600 minute winter	FC30	345	186.918	0.168	0.4	0.2167	0.0000	SURCHARGED
600 minute winter	FC31	345	186.551	0.101	0.3	0.1259	0.0000	SURCHARGED
600 minute winter	FC32	345	186.549	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC25	Infiltration		0.0				0.0
600 minute winter	FC26	27.000	J23	0.3	0.656	0.019	0.0187	
600 minute winter	FC26	Infiltration		0.0				0.0
600 minute winter	FC27	28.000	J24	0.3	0.960	0.014	0.0183	
600 minute winter	FC27	Infiltration		0.0				0.0
600 minute winter	FC28	29.000	J25	0.4	0.849	0.025	0.0175	
600 minute winter	FC28	Infiltration		0.0				0.0
600 minute winter	FC29	30.000	J26	0.4	0.826	0.026	0.0190	
600 minute winter	FC29	Infiltration		0.0				0.0
600 minute winter	FC30	31.000	J27	0.4	0.793	0.027	0.0022	
600 minute winter	FC30	Infiltration		0.0				0.0
600 minute winter	FC31	33.000	J28	0.3	0.228	0.033	0.0061	
600 minute winter	FC31	Infiltration		0.0				0.0
600 minute winter	FC32	34.000	J29	0.3	0.206	0.024	0.0068	
600 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC33	345	186.618	0.168	0.4	0.2169	0.0000	SURCHARGED
600 minute winter	FC34	345	186.624	0.174	0.4	0.2244	0.0000	SURCHARGED
600 minute winter	FC35	345	186.618	0.168	0.4	0.2168	0.0000	SURCHARGED
600 minute winter	FC36	345	186.618	0.168	0.4	0.2163	0.0000	SURCHARGED
600 minute winter	FC37	315	186.115	0.315	0.6	0.4256	0.0000	SURCHARGED
600 minute winter	FC38	345	185.522	0.072	0.3	0.8667	0.0000	OK
600 minute winter	FC39	345	185.549	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC40	345	185.667	0.167	0.4	0.2158	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC33	35.000	S12	0.4	0.779	0.028	0.0021	
600 minute winter	FC33	Infiltration		0.0				0.0
600 minute winter	FC34	36.000	J30	0.4	0.436	0.065	0.0044	
600 minute winter	FC34	Infiltration		0.0				0.0
600 minute winter	FC35	37.000	J31	0.4	0.784	0.028	0.0026	
600 minute winter	FC35	Infiltration		0.0				0.0
600 minute winter	FC36	38.000	J32	0.4	0.822	0.026	0.0024	
600 minute winter	FC36	Infiltration		0.0				0.0
600 minute winter	FC37	39.000	J33	0.6	0.619	0.062	0.0058	
600 minute winter	FC37	Infiltration		0.0				0.0
600 minute winter	FC38	40.000	J34	0.3	0.624	0.020	0.0019	
600 minute winter	FC38	Infiltration		0.0				0.0
600 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
600 minute winter	FC39	Infiltration		0.0				0.0
600 minute winter	FC40	42.000	J36	0.4	0.965	0.021	0.0021	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC41	345	185.020	0.170	0.4	0.2192	0.0000	SURCHARGED
600 minute winter	FC42	345	184.771	0.171	0.4	0.2209	0.0000	SURCHARGED
600 minute winter	FC43	345	184.770	0.170	0.4	0.2194	0.0000	SURCHARGED
600 minute winter	FC44	285	184.612	0.012	0.3	0.0148	0.0000	OK
600 minute winter	FC45	345	184.699	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC46	315	185.019	0.318	0.6	0.4303	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	345	184.968	0.168	0.4	0.2167	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC40	Infiltration		0.0				0.0
600 minute winter	FC41	43.000	J37	0.4	0.633	0.038	0.0032	
600 minute winter	FC41	Infiltration		0.0				0.0
600 minute winter	FC42	44.000	J38	0.4	0.552	0.046	0.0036	
600 minute winter	FC42	Infiltration		0.0				0.0
600 minute winter	FC43	45.000	J39	0.4	0.626	0.039	0.0028	
600 minute winter	FC43	Infiltration		0.0				0.0
600 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
600 minute winter	FC44	Infiltration		0.0				0.0
600 minute winter	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
600 minute winter	FC45	Infiltration		0.0				0.0
600 minute winter	FC46	48.000	S20	0.6	0.458	0.093	0.0072	
600 minute winter	FC46	Infiltration		0.0				0.0
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0031	
600 minute winter	FC48	50.000	J42	0.4	0.372	0.029	0.0057	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC49	345	184.974	0.174	0.4	0.2249	0.0000	SURCHARGED
600 minute winter	FC50	345	184.974	0.174	0.4	0.2249	0.0000	SURCHARGED
600 minute winter	FC51	345	185.024	0.174	0.4	0.2248	0.0000	SURCHARGED
600 minute winter	FC52	345	185.420	0.170	0.4	0.2195	0.0000	SURCHARGED
600 minute winter	FC53	345	185.421	0.171	0.4	0.2203	0.0000	SURCHARGED
600 minute winter	FC54	345	185.350	0.100	0.3	0.1249	0.0000	OK
600 minute winter	FC55	345	185.349	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC48	Infiltration		0.0				0.0
600 minute winter	FC49	51.000	S21	0.4	0.423	0.067	0.0041	
600 minute winter	FC49	Infiltration		0.0				0.0
600 minute winter	FC50	52.000	J43	0.4	0.423	0.067	0.0044	
600 minute winter	FC50	Infiltration		0.0				0.0
600 minute winter	FC51	55.000	S22	0.4	0.424	0.068	0.0058	
600 minute winter	FC51	Infiltration		0.0				0.0
600 minute winter	FC52	58.000	S23	0.4	0.616	0.040	0.0035	
600 minute winter	FC52	Infiltration		0.0				0.0
600 minute winter	FC53	61.000	J50	0.4	0.580	0.043	0.0029	
600 minute winter	FC53	Infiltration		0.0				0.0
600 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
600 minute winter	FC54	Infiltration		0.0				0.0
600 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
600 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC56	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC57	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC58	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC59	345	185.449	0.099	0.3	0.1241	0.0000	OK
600 minute winter	FC60	345	185.519	0.169	0.4	0.2181	0.0000	SURCHARGED
600 minute winter	FC61	345	185.471	0.171	0.4	0.2208	0.0000	SURCHARGED
600 minute winter	FC62	315	185.566	0.316	0.6	0.4271	0.0000	SURCHARGED
600 minute winter	FC63	345	185.503	0.103	0.3	0.1294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
600 minute winter	FC56	Infiltration		0.0				0.0
600 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
600 minute winter	FC57	Infiltration		0.0				0.0
600 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
600 minute winter	FC58	Infiltration		0.0				0.0
600 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
600 minute winter	FC59	Infiltration		0.0				0.0
600 minute winter	FC60	59.000	J48	0.4	0.691	0.034	0.0038	
600 minute winter	FC60	Infiltration		0.0				0.0
600 minute winter	FC61	60.000	J49	0.4	0.555	0.046	0.0053	
600 minute winter	FC61	Infiltration		0.0				0.0
600 minute winter	FC62	63.000	J52	0.6	0.561	0.072	0.0092	
600 minute winter	FC62	Infiltration		0.0				0.0
600 minute winter	FC63	65.000	S26	0.3	0.297	0.051	0.0025	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC64	345	185.253	0.103	0.3	0.1294	0.0000	SURCHARGED
600 minute winter	FC65	345	185.320	0.170	0.4	0.2195	0.0000	SURCHARGED
600 minute winter	FC66	345	185.173	0.173	0.4	0.2233	0.0000	SURCHARGED
600 minute winter	FC67	345	184.878	0.078	0.3	0.8023	0.0000	OK
600 minute winter	FC68	345	184.651	0.101	0.3	0.1265	0.0000	SURCHARGED
600 minute winter	J1	315	188.237	0.037	2.2	0.0549	0.0000	OK
600 minute winter	J2	315	188.110	0.054	2.6	0.0608	0.0000	OK
600 minute winter	J3	315	188.100	0.050	3.1	0.0565	0.0000	OK
600 minute winter	J4	315	188.074	0.035	3.4	0.0395	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC63	Infiltration		0.0				0.0
600 minute winter	FC64	66.000	J54	0.3	0.192	0.051	0.0037	
600 minute winter	FC64	Infiltration		0.0				0.0
600 minute winter	FC65	67.000	J55	0.4	0.274	0.041	0.0034	
600 minute winter	FC65	Infiltration		0.0				0.0
600 minute winter	FC66	68.000	S24	0.4	0.476	0.056	0.0018	
600 minute winter	FC66	Infiltration		0.0				0.0
600 minute winter	FC67	69.000	J56	0.3	0.365	0.043	0.0015	
600 minute winter	FC67	Infiltration		0.0				0.0
600 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
600 minute winter	FC68	Infiltration		0.0				0.0
600 minute winter	J1	1.001	J2	2.2	0.858	0.265	0.0129	
600 minute winter	J2	1.002	J3	2.6	0.482	0.193	0.0056	
600 minute winter	J3	1.003	J4	3.1	0.768	0.236	0.0080	
600 minute winter	J4	1.004	J5	3.4	1.173	0.101	0.0104	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J5	315	187.942	0.032	3.8	0.0363	0.0000	OK
600 minute winter	J6	315	187.695	0.045	4.1	0.0506	0.0000	OK
600 minute winter	J7	315	187.581	0.056	4.4	0.0630	0.0000	OK
600 minute winter	J8	315	187.557	0.035	4.8	0.0401	0.0000	OK
600 minute winter	J9	315	187.334	0.059	5.1	0.0668	0.0000	OK
600 minute winter	J10	315	187.304	0.034	5.7	0.0386	0.0000	OK
600 minute winter	J11	315	187.169	0.048	6.1	0.0538	0.0000	OK
600 minute winter	J12	315	186.868	0.059	8.8	0.0671	0.0000	OK
600 minute winter	J13	315	186.722	0.095	9.0	0.1076	0.0000	OK
600 minute winter	J14	315	186.712	0.090	9.3	0.1014	0.0000	OK
600 minute winter	J15	315	186.697	0.080	9.6	0.0905	0.0000	OK
600 minute winter	J16	315	186.666	0.061	9.9	0.0686	0.0000	OK
600 minute winter	J17	570	186.357	0.074	10.2	0.0832	0.0000	OK
600 minute winter	J18	585	186.351	0.226	15.1	0.2554	0.0000	OK
600 minute winter	J19	585	186.352	0.325	24.9	0.3676	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J5	1.005	J6	3.8	1.078	0.100	0.0203	
600 minute winter	J6	1.006	J7	4.1	1.036	0.145	0.0079	
600 minute winter	J7	1.007	J8	4.4	0.771	0.142	0.0066	
600 minute winter	J8	1.008	J9	4.8	0.798	0.054	0.0520	
600 minute winter	J9	1.009	J10	5.1	0.865	0.154	0.0073	
600 minute winter	J10	1.010	J11	5.7	1.157	0.044	0.0121	
600 minute winter	J11	1.011	S2	6.1	0.613	0.094	0.0541	
600 minute winter	J12	1.013	J13	8.8	1.110	0.131	0.0511	
600 minute winter	J13	1.014	J14	9.0	0.491	0.160	0.0349	
600 minute winter	J14	1.015	J15	9.3	0.571	0.166	0.0313	
600 minute winter	J15	1.016	J16	9.6	0.768	0.181	0.0646	
600 minute winter	J16	1.017	J17	9.9	1.069	0.070	0.0312	
600 minute winter	J17	1.018	S3	10.6	0.959	0.034	0.0600	
600 minute winter	J18	1.020	J19	24.6	0.846	0.086	0.0948	
600 minute winter	J19	1.021	S4	12.2	0.683	0.221	0.3096	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	570	186.347	0.316	1.7	0.3578	0.0000	SURCHARGED
600 minute winter	J21	570	186.348	0.339	2.1	0.3830	0.0000	SURCHARGED
600 minute winter	J22	570	186.348	0.385	2.5	0.4349	0.0000	SURCHARGED
600 minute winter	J23	555	186.347	0.405	2.8	0.4578	0.0000	SURCHARGED
600 minute winter	J24	585	186.348	0.531	4.2	0.6002	0.0000	SURCHARGED
600 minute winter	J25	555	186.349	0.553	4.6	0.6255	0.0000	SURCHARGED
600 minute winter	J26	570	186.351	0.572	8.3	0.6465	0.0000	SURCHARGED
600 minute winter	J27	555	186.354	0.618	6.6	0.6987	0.0000	SURCHARGED
600 minute winter	J28	330	186.390	0.034	1.4	0.0381	0.0000	OK
600 minute winter	J29	330	186.310	0.039	1.7	0.0439	0.0000	OK
600 minute winter	J30	330	186.204	0.057	3.6	0.0645	0.0000	OK
600 minute winter	J31	330	186.102	0.058	4.0	0.0654	0.0000	OK
600 minute winter	J32	330	186.067	0.056	4.4	0.0636	0.0000	OK
600 minute winter	J33	330	185.572	0.037	6.0	0.0415	0.0000	OK
600 minute winter	J34	315	185.195	0.070	7.6	0.0790	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	1.7	0.454	0.129	0.0665	
600 minute winter	J21	23.003	J22	2.1	0.481	0.159	0.1411	
600 minute winter	J22	23.004	J23	2.5	0.526	0.187	0.0633	
600 minute winter	J23	23.005	S18	2.8	0.583	0.207	0.1321	
600 minute winter	J24	23.007	J25	4.2	0.444	0.140	0.2458	
600 minute winter	J25	23.008	J26	6.4	0.439	0.211	0.1975	
600 minute winter	J26	23.009	S19	5.0	0.446	0.163	0.1474	
600 minute winter	J27	23.011	S4	11.9	0.615	0.399	0.0951	
600 minute winter	J28	32.001	J29	1.4	0.547	0.236	0.0226	
600 minute winter	J29	32.002	S12	1.7	0.630	0.286	0.0126	
600 minute winter	J30	32.004	J31	3.6	0.614	0.271	0.0292	
600 minute winter	J31	32.005	J32	4.0	0.506	0.133	0.0770	
600 minute winter	J32	32.006	S13	4.4	0.741	0.146	0.0318	
600 minute winter	J33	32.008	S14	6.0	0.913	0.058	0.0616	
600 minute winter	J34	32.010	J35	7.6	0.948	0.196	0.0727	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J35	315	185.120	0.045	7.9	0.0509	0.0000	OK
600 minute winter	J36	315	184.949	0.074	8.3	0.0842	0.0000	OK
600 minute winter	J37	315	184.577	0.077	9.9	0.0874	0.0000	OK
600 minute winter	J38	315	184.400	0.100	11.6	0.1126	0.0000	OK
600 minute winter	J39	315	184.366	0.092	12.0	0.1038	0.0000	OK
600 minute winter	J40	315	184.341	0.076	12.3	0.0857	0.0000	OK
600 minute winter	J41	330	184.618	0.021	0.5	0.0233	0.0000	OK
600 minute winter	J42	330	184.565	0.028	0.9	0.0315	0.0000	OK
600 minute winter	J43	315	184.431	0.051	2.5	0.0576	0.0000	OK
600 minute winter	J44	315	184.419	0.049	2.8	0.0552	0.0000	OK
600 minute winter	J45	315	184.374	0.054	3.1	0.0608	0.0000	OK
600 minute winter	J46	315	184.296	0.074	4.6	0.0832	0.0000	OK
600 minute winter	J47	315	184.289	0.082	4.9	0.0929	0.0000	OK
600 minute winter	J48	315	184.276	0.082	6.5	0.0927	0.0000	OK
600 minute winter	J49	315	184.263	0.094	6.9	0.1061	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J35	32.011	J36	7.9	0.933	0.088	0.0587	
600 minute winter	J36	32.012	S15	8.3	0.911	0.275	0.0217	
600 minute winter	J37	32.014	S16	9.9	1.017	0.180	0.0521	
600 minute winter	J38	32.016	J39	11.6	0.603	0.215	0.2089	
600 minute winter	J39	32.017	J40	12.0	0.750	0.220	0.0588	
600 minute winter	J40	32.018	S10	12.3	0.929	0.124	0.1272	
600 minute winter	J41	48.002	J42	0.6	0.377	0.093	0.0091	
600 minute winter	J42	48.003	S21	1.0	0.544	0.161	0.0143	
600 minute winter	J43	48.005	J44	2.5	0.495	0.181	0.0082	
600 minute winter	J44	48.006	J45	2.8	0.533	0.212	0.0466	
600 minute winter	J45	48.007	S22	3.1	0.588	0.231	0.0127	
600 minute winter	J46	48.009	J47	4.6	0.379	0.150	0.0513	
600 minute winter	J47	48.010	S23	4.9	0.364	0.163	0.0357	
600 minute winter	J48	48.012	J49	6.5	0.453	0.218	0.1070	
600 minute winter	J49	48.013	J50	6.9	0.453	0.225	0.0173	

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J50	315	184.255	0.090	7.3	0.1018	0.0000	OK
600 minute winter	J51	315	184.243	0.095	7.6	0.1071	0.0000	OK
600 minute winter	J52	315	184.233	0.089	8.1	0.1003	0.0000	OK
600 minute winter	J53	315	184.212	0.085	8.4	0.0958	0.0000	OK
600 minute winter	J54	330	185.166	0.037	1.5	0.0415	0.0000	OK
600 minute winter	J55	330	185.129	0.035	1.9	0.0400	0.0000	OK
600 minute winter	J56	315	184.112	0.105	11.9	0.1191	0.0000	OK
600 minute winter	J57	315	184.091	0.106	12.2	0.1203	0.0000	OK
600 minute winter	BASIN 1	570	186.346	1.421	19.8	190.7421	0.0000	SURCHARGED
600 minute winter	BASIN 2	570	184.853	0.553	4.2	55.9957	0.0000	OK
600 minute winter	BASIN 3	840	183.425	0.325	15.7	322.7326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J50	48.014	J51	7.3	0.476	0.244	0.0778	
600 minute winter	J51	48.015	J52	7.6	0.500	0.248	0.0172	
600 minute winter	J52	48.016	J53	8.1	0.578	0.267	0.0687	
600 minute winter	J53	48.017	S24	8.4	0.671	0.280	0.1291	
600 minute winter	J54	65.002	J55	1.5	0.590	0.253	0.0092	
600 minute winter	J55	65.003	S24	1.9	0.786	0.249	0.0190	
600 minute winter	J56	48.019	J57	11.9	0.534	0.219	0.2017	
600 minute winter	J57	48.020	S25	12.2	0.561	0.223	0.1325	
600 minute winter	BASIN 1	1.023	S5	4.1	0.127	0.050	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.8
600 minute winter	BASIN 2	1.027	S7	4.1	0.590	0.050	0.1566	
600 minute winter	BASIN 2	71.000	BH1	0.9	0.529	0.155	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
600 minute winter	BASIN 3	1.034	BH2	1.6	0.422	0.013	1.4509	
600 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	BASIN 4	615	184.016	0.686	14.5	209.0398	0.0000	SURCHARGED
600 minute winter	SWALE 1	420	184.931	0.057	4.1	0.0814	0.0000	OK
600 minute winter	SWALE 2	570	184.431	0.056	4.1	0.0806	0.0000	OK
600 minute winter	SWALE 3	315	184.080	0.085	13.9	0.1220	0.0000	OK
600 minute winter	BH1	570	184.853	0.776	0.9	3.0514	0.0000	OK
600 minute winter	BH2	840	183.425	0.342	1.6	3.3037	0.0000	OK
600 minute winter	BH3	615	184.016	0.697	1.1	4.8555	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	BASIN 4	48.022	BH3	1.1	0.427	0.020	0.3211	
600 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute winter	SWALE 1	1.025	S6	4.1	0.397	0.050	0.4004	
600 minute winter	SWALE 2	1.029	S8	4.1	0.563	0.050	0.1927	
600 minute winter	SWALE 3	1.033	BASIN 3	13.9	0.754	0.111	0.7983	
600 minute winter	BH1	Infiltration		0.1				4.2
600 minute winter	BH2	Infiltration		0.2				4.4
600 minute winter	BH3	Infiltration		0.2				8.2

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.394	0.024	1.1	0.0353	0.0000	OK
720 minute summer	S2	375	187.135	0.096	10.2	0.1664	0.0000	OK
720 minute summer	S3	570	186.329	0.192	14.0	0.2552	0.0000	OK
720 minute summer	S4	585	186.323	0.945	23.2	1.2114	0.0000	SURCHARGED
720 minute summer	S5	585	186.322	1.412	4.1	2.0199	0.0000	SURCHARGED
720 minute summer	S6	585	184.866	0.058	4.1	0.0834	0.0000	OK
720 minute summer	S7	585	184.789	0.030	4.1	0.0434	0.0000	OK
720 minute summer	S8	585	184.363	0.033	4.1	0.0466	0.0000	OK
720 minute summer	S9	375	184.180	0.055	4.1	0.0782	0.0000	OK
720 minute summer	S10	375	184.180	0.067	17.7	0.1213	0.0000	OK
720 minute summer	S11	375	186.437	0.036	1.5	0.0573	0.0000	OK
720 minute summer	S12	375	186.240	0.064	4.2	0.0949	0.0000	OK
720 minute summer	S13	375	186.035	0.042	7.1	0.0631	0.0000	OK
720 minute summer	S14	375	185.250	0.074	9.4	0.1172	0.0000	OK
720 minute summer	S15	375	184.926	0.059	12.2	0.0922	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S1	1.000	J1	1.1	0.496	0.126	0.0186	
720 minute summer	S2	1.012	J12	10.2	0.696	0.342	0.0219	
720 minute summer	S3	1.019	J18	14.0	1.014	0.263	0.2466	
720 minute summer	S4	1.022	BASIN 1	23.0	0.897	0.137	1.1778	
720 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2115	
720 minute summer	S6	1.026	BASIN 2	4.1	0.474	0.047	0.0602	
720 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1207	
720 minute summer	S8	1.030	S9	4.1	0.608	0.016	0.0853	
720 minute summer	S9	1.031	S10	4.1	0.640	0.049	0.0772	
720 minute summer	S10	1.032	SWALE 3	17.7	1.006	0.054	0.0775	
720 minute summer	S11	32.000	J28	1.5	0.553	0.252	0.0124	
720 minute summer	S12	32.003	J30	4.2	0.573	0.315	0.0373	
720 minute summer	S13	32.007	J33	7.1	1.402	0.072	0.0658	
720 minute summer	S14	32.009	J34	9.4	0.788	0.185	0.0626	
720 minute summer	S15	32.013	J37	12.2	1.552	0.132	0.0733	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.535	0.048	14.3	0.0733	0.0000	OK
720 minute summer	S17	570	186.323	0.173	1.9	0.2747	0.0000	SURCHARGED
720 minute summer	S18	585	186.323	0.499	5.0	0.7369	0.0000	SURCHARGED
720 minute summer	S19	585	186.323	0.557	7.5	0.8024	0.0000	SURCHARGED
720 minute summer	S20	390	184.665	0.023	0.6	0.0258	0.0000	OK
720 minute summer	S21	375	184.457	0.048	2.5	0.0636	0.0000	OK
720 minute summer	S22	375	184.313	0.081	5.2	0.1056	0.0000	OK
720 minute summer	S23	375	184.295	0.097	7.4	0.1253	0.0000	OK
720 minute summer	S24	375	184.140	0.123	14.2	0.1611	0.0000	OK
720 minute summer	S25	375	184.083	0.113	16.0	0.1563	0.0000	OK
720 minute summer	S26	375	185.403	0.026	1.6	0.0390	0.0000	OK
720 minute summer	FC1	375	188.479	0.229	0.5	0.2960	0.0000	SURCHARGED
720 minute summer	FC2	375	188.380	0.230	0.5	0.2971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S16	32.015	J38	14.3	0.941	0.045	0.0365	
720 minute summer	S17	23.001	J20	1.9	0.652	0.314	0.0560	
720 minute summer	S18	23.006	J24	5.0	0.446	0.155	0.0729	
720 minute summer	S19	23.010	J27	7.5	0.562	0.249	0.3541	
720 minute summer	S20	48.001	J41	0.6	0.483	0.106	0.0061	
720 minute summer	S21	48.004	J43	2.5	0.467	0.191	0.0278	
720 minute summer	S22	48.008	J46	5.2	0.395	0.166	0.0323	
720 minute summer	S23	48.011	J48	7.4	0.465	0.240	0.0179	
720 minute summer	S24	48.018	J56	14.2	0.538	0.265	0.1120	
720 minute summer	S25	48.021	BASIN 4	16.0	0.734	0.300	0.0839	
720 minute summer	S26	65.001	J54	1.6	0.661	0.152	0.0206	
720 minute summer	FC1	2.000	J1	0.5	0.252	0.075	0.0097	
720 minute summer	FC1	Infiltration		0.0				0.0
720 minute summer	FC2	3.000	J2	0.5	0.443	0.078	0.0047	
720 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC3	390	188.613	0.413	0.7	0.5583	0.0000	SURCHARGED
720 minute summer	FC4	375	188.354	0.154	0.4	0.1927	0.0000	SURCHARGED
720 minute summer	FC5	375	188.230	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC6	375	188.003	0.153	0.4	0.1914	0.0000	SURCHARGED
720 minute summer	FC7	375	187.904	0.154	0.4	0.1931	0.0000	SURCHARGED
720 minute summer	FC8	375	187.976	0.226	0.5	0.2923	0.0000	SURCHARGED
720 minute summer	FC9	375	187.626	0.156	0.4	0.1948	0.0000	SURCHARGED
720 minute summer	FC10	390	187.883	0.413	0.7	0.5577	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC3	4.000	J3	0.6	0.506	0.101	0.0117	
720 minute summer	FC3	Infiltration		0.0				0.0
720 minute summer	FC4	5.000	J4	0.4	0.492	0.050	0.0056	
720 minute summer	FC4	Infiltration		0.0				0.0
720 minute summer	FC5	6.000	J5	0.5	0.441	0.078	0.0044	
720 minute summer	FC5	Infiltration		0.0				0.0
720 minute summer	FC6	7.000	J6	0.4	0.547	0.043	0.0050	
720 minute summer	FC6	Infiltration		0.0				0.0
720 minute summer	FC7	8.000	J7	0.4	0.475	0.053	0.0057	
720 minute summer	FC7	Infiltration		0.0				0.0
720 minute summer	FC8	9.000	J8	0.5	0.618	0.048	0.0031	
720 minute summer	FC8	Infiltration		0.0				0.0
720 minute summer	FC9	10.000	J9	0.4	0.419	0.063	0.0065	
720 minute summer	FC9	Infiltration		0.0				0.0
720 minute summer	FC10	11.000	J10	0.6	0.525	0.095	0.0075	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC11	375	187.550	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC12	375	187.460	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC13	375	187.230	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC14	420	187.015	0.115	0.5	1.4668	0.0000	SURCHARGED
720 minute summer	FC15	375	187.350	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC16	375	187.055	0.155	0.4	0.1942	0.0000	SURCHARGED
720 minute summer	FC17	375	187.151	0.151	0.4	0.1890	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC10	Infiltration		0.0				0.0
720 minute summer	FC11	12.000	J11	0.5	0.444	0.079	0.0081	
720 minute summer	FC11	Infiltration		0.0				0.0
720 minute summer	FC12	13.000	S2	0.5	0.444	0.078	0.0072	
720 minute summer	FC12	Infiltration		0.0				0.0
720 minute summer	FC13	14.000	J12	0.5	0.445	0.078	0.0071	
720 minute summer	FC13	Infiltration		0.0				0.0
720 minute summer	FC14	15.000	J13	0.3	0.400	0.054	0.0060	
720 minute summer	FC14	Infiltration		0.0				0.0
720 minute summer	FC15	16.000	J14	0.4	0.883	0.022	0.0020	
720 minute summer	FC15	Infiltration		0.0				0.0
720 minute summer	FC16	17.000	J15	0.4	0.438	0.059	0.0065	
720 minute summer	FC16	Infiltration		0.0				0.0
720 minute summer	FC17	18.000	J16	0.4	0.692	0.031	0.0026	
720 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC18	375	186.706	0.156	0.4	0.1949	0.0000	SURCHARGED
720 minute summer	FC19	375	186.630	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC20	375	187.173	0.223	0.5	0.2884	0.0000	SURCHARGED
720 minute summer	FC21	375	186.530	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC22	405	186.537	0.087	0.4	0.8433	0.0000	OK
720 minute summer	FC23	375	186.451	0.151	0.4	0.1886	0.0000	SURCHARGED
720 minute summer	FC24	375	186.524	0.224	0.5	0.2893	0.0000	SURCHARGED
720 minute summer	FC25	375	186.773	0.223	0.5	0.2884	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC18	19.000	J17	0.4	0.417	0.064	0.0063	
720 minute summer	FC18	Infiltration		0.0				0.0
720 minute summer	FC19	20.000	S3	0.5	0.443	0.079	0.0069	
720 minute summer	FC19	Infiltration		0.0				0.0
720 minute summer	FC20	21.000	J18	0.5	0.889	0.029	0.0023	
720 minute summer	FC20	Infiltration		0.0				0.0
720 minute summer	FC21	22.000	J19	0.5	0.444	0.079	0.0342	
720 minute summer	FC21	Infiltration		0.0				0.0
720 minute summer	FC22	23.000	S17	0.3	0.250	0.018	0.0194	
720 minute summer	FC22	Infiltration		0.0				0.0
720 minute summer	FC23	24.000	J20	0.4	0.733	0.028	0.0210	
720 minute summer	FC23	Infiltration		0.0				0.0
720 minute summer	FC24	25.000	J21	0.5	0.804	0.033	0.0212	
720 minute summer	FC24	Infiltration		0.0				0.0
720 minute summer	FC25	26.000	J22	0.5	0.882	0.029	0.0183	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC26	405	186.536	0.086	0.4	0.8645	0.0000	OK
720 minute summer	FC27	375	186.650	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC28	375	186.723	0.223	0.5	0.2884	0.0000	SURCHARGED
720 minute summer	FC29	375	186.724	0.224	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC30	375	186.974	0.224	0.5	0.2890	0.0000	SURCHARGED
720 minute summer	FC31	375	186.603	0.153	0.4	0.1909	0.0000	SURCHARGED
720 minute summer	FC32	375	186.601	0.151	0.4	0.1886	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC25	Infiltration		0.0				0.0
720 minute summer	FC26	27.000	J23	0.3	0.669	0.021	0.0179	
720 minute summer	FC26	Infiltration		0.0				0.0
720 minute summer	FC27	28.000	J24	0.4	1.028	0.018	0.0183	
720 minute summer	FC27	Infiltration		0.0				0.0
720 minute summer	FC28	29.000	J25	0.5	0.887	0.029	0.0174	
720 minute summer	FC28	Infiltration		0.0				0.0
720 minute summer	FC29	30.000	J26	0.5	0.863	0.030	0.0189	
720 minute summer	FC29	Infiltration		0.0				0.0
720 minute summer	FC30	31.000	J27	0.5	0.829	0.032	0.0025	
720 minute summer	FC30	Infiltration		0.0				0.0
720 minute summer	FC31	33.000	J28	0.4	0.238	0.042	0.0076	
720 minute summer	FC31	Infiltration		0.0				0.0
720 minute summer	FC32	34.000	J29	0.4	0.213	0.030	0.0083	
720 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC33	375	186.674	0.224	0.5	0.2890	0.0000	SURCHARGED
720 minute summer	FC34	375	186.680	0.230	0.5	0.2967	0.0000	SURCHARGED
720 minute summer	FC35	375	186.674	0.224	0.5	0.2890	0.0000	SURCHARGED
720 minute summer	FC36	375	186.674	0.224	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC37	390	186.210	0.410	0.7	0.5540	0.0000	SURCHARGED
720 minute summer	FC38	405	185.530	0.080	0.4	0.9609	0.0000	OK
720 minute summer	FC39	375	185.601	0.150	0.4	0.1882	0.0000	SURCHARGED
720 minute summer	FC40	375	185.723	0.223	0.5	0.2877	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC33	35.000	S12	0.5	0.809	0.033	0.0026	
720 minute summer	FC33	Infiltration		0.0				0.0
720 minute summer	FC34	36.000	J30	0.5	0.455	0.075	0.0049	
720 minute summer	FC34	Infiltration		0.0				0.0
720 minute summer	FC35	37.000	J31	0.5	0.820	0.033	0.0029	
720 minute summer	FC35	Infiltration		0.0				0.0
720 minute summer	FC36	38.000	J32	0.5	0.859	0.030	0.0027	
720 minute summer	FC36	Infiltration		0.0				0.0
720 minute summer	FC37	39.000	J33	0.6	0.644	0.071	0.0065	
720 minute summer	FC37	Infiltration		0.0				0.0
720 minute summer	FC38	40.000	J34	0.3	0.635	0.021	0.0020	
720 minute summer	FC38	Infiltration		0.0				0.0
720 minute summer	FC39	41.000	J35	0.4	0.777	0.026	0.0021	
720 minute summer	FC39	Infiltration		0.0				0.0
720 minute summer	FC40	42.000	J36	0.5	1.010	0.024	0.0023	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC41	375	185.076	0.226	0.5	0.2914	0.0000	SURCHARGED
720 minute summer	FC42	375	184.827	0.227	0.5	0.2932	0.0000	SURCHARGED
720 minute summer	FC43	375	184.826	0.226	0.5	0.2916	0.0000	SURCHARGED
720 minute summer	FC44	375	184.614	0.014	0.4	0.0170	0.0000	OK
720 minute summer	FC45	375	184.751	0.151	0.4	0.1887	0.0000	SURCHARGED
720 minute summer	FC46	390	185.114	0.414	0.7	0.5592	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	185.024	0.224	0.5	0.2889	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC40	Infiltration		0.0				0.0
720 minute summer	FC41	43.000	J37	0.5	0.661	0.044	0.0035	
720 minute summer	FC41	Infiltration		0.0				0.0
720 minute summer	FC42	44.000	J38	0.5	0.576	0.054	0.0040	
720 minute summer	FC42	Infiltration		0.0				0.0
720 minute summer	FC43	45.000	J39	0.5	0.654	0.045	0.0031	
720 minute summer	FC43	Infiltration		0.0				0.0
720 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
720 minute summer	FC44	Infiltration		0.0				0.0
720 minute summer	FC45	47.000	S10	0.4	0.723	0.029	0.0024	
720 minute summer	FC45	Infiltration		0.0				0.0
720 minute summer	FC46	48.000	S20	0.6	0.475	0.107	0.0080	
720 minute summer	FC46	Infiltration		0.0				0.0
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0034	
720 minute summer	FC48	50.000	J42	0.5	0.384	0.033	0.0063	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC49	375	185.030	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC50	375	185.030	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC51	375	185.080	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC52	375	185.476	0.226	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC53	375	185.477	0.227	0.5	0.2925	0.0000	SURCHARGED
720 minute summer	FC54	375	185.402	0.152	0.4	0.1899	0.0000	SURCHARGED
720 minute summer	FC55	375	185.400	0.150	0.4	0.1881	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC48	Infiltration		0.0				0.0
720 minute summer	FC49	51.000	S21	0.5	0.441	0.078	0.0046	
720 minute summer	FC49	Infiltration		0.0				0.0
720 minute summer	FC50	52.000	J43	0.5	0.441	0.078	0.0049	
720 minute summer	FC50	Infiltration		0.0				0.0
720 minute summer	FC51	55.000	S22	0.5	0.443	0.078	0.0064	
720 minute summer	FC51	Infiltration		0.0				0.0
720 minute summer	FC52	58.000	S23	0.5	0.643	0.046	0.0039	
720 minute summer	FC52	Infiltration		0.0				0.0
720 minute summer	FC53	61.000	J50	0.5	0.606	0.050	0.0033	
720 minute summer	FC53	Infiltration		0.0				0.0
720 minute summer	FC54	62.000	J51	0.4	0.631	0.035	0.0024	
720 minute summer	FC54	Infiltration		0.0				0.0
720 minute summer	FC55	64.000	J53	0.4	0.795	0.025	0.0020	
720 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC56	375	185.500	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC57	375	185.501	0.150	0.4	0.1883	0.0000	SURCHARGED
720 minute summer	FC58	375	185.501	0.151	0.4	0.1885	0.0000	SURCHARGED
720 minute summer	FC59	375	185.501	0.151	0.4	0.1891	0.0000	SURCHARGED
720 minute summer	FC60	375	185.575	0.225	0.5	0.2903	0.0000	SURCHARGED
720 minute summer	FC61	375	185.527	0.227	0.5	0.2930	0.0000	SURCHARGED
720 minute summer	FC62	390	185.661	0.411	0.7	0.5556	0.0000	SURCHARGED
720 minute summer	FC63	375	185.556	0.156	0.4	0.1946	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC56	53.000	J44	0.4	0.819	0.024	0.0030	
720 minute summer	FC56	Infiltration		0.0				0.0
720 minute summer	FC57	54.000	J45	0.4	0.769	0.027	0.0032	
720 minute summer	FC57	Infiltration		0.0				0.0
720 minute summer	FC58	56.000	J46	0.4	0.739	0.028	0.0032	
720 minute summer	FC58	Infiltration		0.0				0.0
720 minute summer	FC59	57.000	J47	0.4	0.686	0.031	0.0035	
720 minute summer	FC59	Infiltration		0.0				0.0
720 minute summer	FC60	59.000	J48	0.5	0.722	0.039	0.0042	
720 minute summer	FC60	Infiltration		0.0				0.0
720 minute summer	FC61	60.000	J49	0.5	0.580	0.054	0.0059	
720 minute summer	FC61	Infiltration		0.0				0.0
720 minute summer	FC62	63.000	J52	0.6	0.584	0.083	0.0102	
720 minute summer	FC62	Infiltration		0.0				0.0
720 minute summer	FC63	65.000	S26	0.4	0.308	0.064	0.0030	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC64	375	185.309	0.159	0.4	0.1990	0.0000	SURCHARGED
720 minute summer	FC65	375	185.376	0.226	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC66	375	185.229	0.229	0.5	0.2956	0.0000	SURCHARGED
720 minute summer	FC67	405	184.887	0.087	0.4	0.8965	0.0000	OK
720 minute summer	FC68	375	184.703	0.153	0.4	0.1916	0.0000	SURCHARGED
720 minute summer	J1	375	188.242	0.042	2.7	0.0613	0.0000	OK
720 minute summer	J2	375	188.116	0.060	3.1	0.0673	0.0000	OK
720 minute summer	J3	375	188.105	0.055	3.7	0.0619	0.0000	OK
720 minute summer	J4	375	188.078	0.039	4.1	0.0436	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC63	Infiltration		0.0				0.0
720 minute summer	FC64	66.000	J54	0.4	0.199	0.063	0.0048	
720 minute summer	FC64	Infiltration		0.0				0.0
720 minute summer	FC65	67.000	J55	0.5	0.281	0.048	0.0041	
720 minute summer	FC65	Infiltration		0.0				0.0
720 minute summer	FC66	68.000	S24	0.5	0.496	0.064	0.0020	
720 minute summer	FC66	Infiltration		0.0				0.0
720 minute summer	FC67	69.000	J56	0.3	0.372	0.046	0.0015	
720 minute summer	FC67	Infiltration		0.0				0.0
720 minute summer	FC68	70.000	J57	0.4	0.549	0.042	0.0016	
720 minute summer	FC68	Infiltration		0.0				0.0
720 minute summer	J1	1.001	J2	2.7	0.901	0.321	0.0148	
720 minute summer	J2	1.002	J3	3.1	0.508	0.233	0.0064	
720 minute summer	J3	1.003	J4	3.7	0.803	0.282	0.0091	
720 minute summer	J4	1.004	J5	4.1	1.230	0.121	0.0119	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J5	375	187.945	0.035	4.6	0.0397	0.0000	OK
720 minute summer	J6	375	187.700	0.050	5.0	0.0562	0.0000	OK
720 minute summer	J7	375	187.586	0.061	5.3	0.0691	0.0000	OK
720 minute summer	J8	375	187.560	0.039	5.6	0.0439	0.0000	OK
720 minute summer	J9	375	187.340	0.065	6.2	0.0734	0.0000	OK
720 minute summer	J10	375	187.308	0.038	6.8	0.0427	0.0000	OK
720 minute summer	J11	375	187.174	0.053	7.2	0.0595	0.0000	OK
720 minute summer	J12	375	186.875	0.066	10.7	0.0748	0.0000	OK
720 minute summer	J13	375	186.733	0.106	10.9	0.1193	0.0000	OK
720 minute summer	J14	375	186.721	0.099	11.3	0.1122	0.0000	OK
720 minute summer	J15	375	186.705	0.088	11.7	0.0997	0.0000	OK
720 minute summer	J16	375	186.672	0.067	12.1	0.0762	0.0000	OK
720 minute summer	J17	375	186.330	0.047	12.4	0.0533	0.0000	OK
720 minute summer	J18	585	186.326	0.201	21.3	0.2275	0.0000	OK
720 minute summer	J19	555	186.325	0.298	14.9	0.3375	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J5	1.005	J6	4.6	1.122	0.120	0.0233	
720 minute summer	J6	1.006	J7	5.0	1.082	0.174	0.0090	
720 minute summer	J7	1.007	J8	5.2	0.829	0.168	0.0075	
720 minute summer	J8	1.008	J9	5.8	0.840	0.065	0.0593	
720 minute summer	J9	1.009	J10	6.2	0.907	0.185	0.0083	
720 minute summer	J10	1.010	J11	6.8	1.197	0.053	0.0140	
720 minute summer	J11	1.011	S2	7.2	0.635	0.113	0.0623	
720 minute summer	J12	1.013	J13	10.7	1.168	0.159	0.0591	
720 minute summer	J13	1.014	J14	10.9	0.516	0.193	0.0402	
720 minute summer	J14	1.015	J15	11.3	0.603	0.201	0.0360	
720 minute summer	J15	1.016	J16	11.7	0.807	0.219	0.0745	
720 minute summer	J16	1.017	J17	12.1	1.124	0.085	0.0361	
720 minute summer	J17	1.018	S3	12.4	0.994	0.040	0.0479	
720 minute summer	J18	1.020	J19	14.5	0.875	0.050	0.0896	
720 minute summer	J19	1.021	S4	14.9	0.721	0.270	0.3093	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J20	570	186.322	0.291	2.2	0.3296	0.0000	SURCHARGED
720 minute summer	J21	570	186.322	0.313	2.7	0.3545	0.0000	SURCHARGED
720 minute summer	J22	570	186.322	0.359	3.2	0.4065	0.0000	SURCHARGED
720 minute summer	J23	570	186.322	0.380	3.4	0.4302	0.0000	SURCHARGED
720 minute summer	J24	585	186.322	0.505	5.3	0.5713	0.0000	SURCHARGED
720 minute summer	J25	570	186.323	0.527	5.7	0.5956	0.0000	SURCHARGED
720 minute summer	J26	585	186.323	0.544	6.0	0.6150	0.0000	SURCHARGED
720 minute summer	J27	570	186.324	0.588	11.3	0.6654	0.0000	SURCHARGED
720 minute summer	J28	375	186.396	0.040	1.9	0.0450	0.0000	OK
720 minute summer	J29	375	186.317	0.046	2.3	0.0516	0.0000	OK
720 minute summer	J30	375	186.213	0.066	4.7	0.0750	0.0000	OK
720 minute summer	J31	375	186.110	0.066	5.1	0.0747	0.0000	OK
720 minute summer	J32	375	186.074	0.063	5.6	0.0716	0.0000	OK
720 minute summer	J33	375	185.576	0.041	7.7	0.0468	0.0000	OK
720 minute summer	J34	375	185.204	0.079	9.7	0.0895	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J20	23.002	J21	2.2	0.483	0.166	0.0665	
720 minute summer	J21	23.003	J22	2.7	0.509	0.201	0.1411	
720 minute summer	J22	23.004	J23	3.2	0.546	0.234	0.0633	
720 minute summer	J23	23.005	S18	3.4	0.617	0.255	0.1321	
720 minute summer	J24	23.007	J25	5.2	0.460	0.174	0.2458	
720 minute summer	J25	23.008	J26	5.5	0.451	0.182	0.1975	
720 minute summer	J26	23.009	S19	5.9	0.455	0.192	0.1474	
720 minute summer	J27	23.011	S4	7.9	0.647	0.263	0.0951	
720 minute summer	J28	32.001	J29	1.9	0.588	0.317	0.0281	
720 minute summer	J29	32.002	S12	2.2	0.676	0.379	0.0155	
720 minute summer	J30	32.004	J31	4.7	0.656	0.352	0.0355	
720 minute summer	J31	32.005	J32	5.1	0.545	0.171	0.0918	
720 minute summer	J32	32.006	S13	5.6	0.792	0.186	0.0378	
720 minute summer	J33	32.008	S14	7.7	0.957	0.074	0.0746	
720 minute summer	J34	32.010	J35	9.7	1.008	0.250	0.0872	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J35	375	185.127	0.052	10.0	0.0585	0.0000	OK
720 minute summer	J36	375	184.959	0.084	10.5	0.0952	0.0000	OK
720 minute summer	J37	375	184.587	0.087	12.7	0.0981	0.0000	OK
720 minute summer	J38	375	184.413	0.113	14.8	0.1282	0.0000	OK
720 minute summer	J39	375	184.378	0.104	15.3	0.1177	0.0000	OK
720 minute summer	J40	375	184.351	0.086	15.7	0.0974	0.0000	OK
720 minute summer	J41	390	184.619	0.022	0.6	0.0250	0.0000	OK
720 minute summer	J42	390	184.567	0.030	1.1	0.0339	0.0000	OK
720 minute summer	J43	375	184.436	0.056	3.0	0.0637	0.0000	OK
720 minute summer	J44	375	184.424	0.054	3.4	0.0609	0.0000	OK
720 minute summer	J45	375	184.380	0.059	3.8	0.0673	0.0000	OK
720 minute summer	J46	375	184.307	0.084	5.6	0.0955	0.0000	OK
720 minute summer	J47	375	184.300	0.093	6.0	0.1056	0.0000	OK
720 minute summer	J48	375	184.287	0.093	7.9	0.1052	0.0000	OK
720 minute summer	J49	375	184.274	0.105	8.3	0.1191	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J35	32.011	J36	10.0	0.994	0.113	0.0701	
720 minute summer	J36	32.012	S15	10.5	0.971	0.350	0.0258	
720 minute summer	J37	32.014	S16	12.6	1.071	0.229	0.0625	
720 minute summer	J38	32.016	J39	14.8	0.643	0.274	0.2491	
720 minute summer	J39	32.017	J40	15.3	0.797	0.279	0.0701	
720 minute summer	J40	32.018	S10	15.7	0.989	0.157	0.1515	
720 minute summer	J41	48.002	J42	0.6	0.392	0.107	0.0101	
720 minute summer	J42	48.003	S21	1.1	0.565	0.185	0.0158	
720 minute summer	J43	48.005	J44	3.0	0.512	0.215	0.0094	
720 minute summer	J44	48.006	J45	3.4	0.554	0.253	0.0534	
720 minute summer	J45	48.007	S22	3.7	0.617	0.276	0.0145	
720 minute summer	J46	48.009	J47	5.6	0.383	0.181	0.0615	
720 minute summer	J47	48.010	S23	5.9	0.372	0.197	0.0422	
720 minute summer	J48	48.012	J49	7.9	0.467	0.263	0.1254	
720 minute summer	J49	48.013	J50	8.3	0.469	0.271	0.0201	

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J50	375	184.266	0.101	8.8	0.1143	0.0000	OK
720 minute summer	J51	375	184.253	0.105	9.2	0.1191	0.0000	OK
720 minute summer	J52	375	184.243	0.099	9.8	0.1115	0.0000	OK
720 minute summer	J53	375	184.221	0.094	10.1	0.1059	0.0000	OK
720 minute summer	J54	375	185.172	0.043	1.9	0.0482	0.0000	OK
720 minute summer	J55	375	185.135	0.040	2.4	0.0458	0.0000	OK
720 minute summer	J56	375	184.125	0.118	14.4	0.1337	0.0000	OK
720 minute summer	J57	375	184.104	0.119	14.8	0.1343	0.0000	OK
720 minute summer	BASIN 1	585	186.322	1.397	23.7	186.4433	0.0000	SURCHARGED
720 minute summer	BASIN 2	585	184.853	0.553	4.2	55.9696	0.0000	OK
720 minute summer	BASIN 3	960	183.482	0.382	20.1	347.4808	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J50	48.014	J51	8.8	0.495	0.294	0.0900	
720 minute summer	J51	48.015	J52	9.1	0.524	0.298	0.0198	
720 minute summer	J52	48.016	J53	9.8	0.604	0.320	0.0788	
720 minute summer	J53	48.017	S24	10.1	0.705	0.336	0.1473	
720 minute summer	J54	65.002	J55	1.9	0.634	0.329	0.0112	
720 minute summer	J55	65.003	S24	2.4	0.837	0.317	0.0226	
720 minute summer	J56	48.019	J57	14.4	0.558	0.266	0.2349	
720 minute summer	J57	48.020	S25	14.8	0.590	0.271	0.1535	
720 minute summer	BASIN 1	1.023	S5	4.1	0.114	0.049	0.9418	
720 minute summer	BASIN 1	Infiltration		0.1				5.5
720 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1557	
720 minute summer	BASIN 2	71.000	BH1	0.9	0.539	0.152	0.1829	
720 minute summer	BASIN 2	Infiltration		0.0				0.0
720 minute summer	BASIN 3	1.034	BH2	1.5	0.432	0.012	1.6842	
720 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	BASIN 4	750	184.021	0.691	17.9	210.9043	0.0000	SURCHARGED
720 minute summer	SWALE 1	465	184.931	0.057	4.1	0.0811	0.0000	OK
720 minute summer	SWALE 2	585	184.431	0.056	4.1	0.0803	0.0000	OK
720 minute summer	SWALE 3	375	184.092	0.096	17.7	0.1380	0.0000	OK
720 minute summer	BH1	585	184.853	0.776	0.9	3.0508	0.0000	OK
720 minute summer	BH2	960	183.482	0.399	1.5	3.5890	0.0000	OK
720 minute summer	BH3	750	184.021	0.702	0.7	4.8818	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	BASIN 4	48.022	BH3	0.7	0.375	0.013	0.3211	
720 minute summer	BASIN 4	Infiltration		0.0				0.0
720 minute summer	SWALE 1	1.025	S6	4.1	0.396	0.049	0.3978	
720 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1915	
720 minute summer	SWALE 3	1.033	BASIN 3	17.7	0.806	0.142	0.9491	
720 minute summer	BH1	Infiltration		0.1				4.8
720 minute summer	BH2	Infiltration		0.2				5.2
720 minute summer	BH3	Infiltration		0.2				9.3

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	375	188.391	0.020	0.8	0.0302	0.0000	OK
720 minute winter	S2	375	187.122	0.083	7.7	0.1433	0.0000	OK
720 minute winter	S3	585	186.335	0.198	10.6	0.2629	0.0000	OK
720 minute winter	S4	585	186.326	0.948	17.1	1.2151	0.0000	SURCHARGED
720 minute winter	S5	600	186.324	1.414	4.1	2.0240	0.0000	SURCHARGED
720 minute winter	S6	600	184.866	0.058	4.1	0.0834	0.0000	OK
720 minute winter	S7	600	184.789	0.030	4.1	0.0434	0.0000	OK
720 minute winter	S8	600	184.363	0.033	4.1	0.0466	0.0000	OK
720 minute winter	S9	510	184.181	0.055	4.1	0.0794	0.0000	OK
720 minute winter	S10	375	184.167	0.054	12.6	0.0988	0.0000	OK
720 minute winter	S11	390	186.429	0.029	1.0	0.0456	0.0000	OK
720 minute winter	S12	375	186.228	0.052	3.0	0.0772	0.0000	OK
720 minute winter	S13	375	186.029	0.036	5.1	0.0533	0.0000	OK
720 minute winter	S14	375	185.236	0.061	6.7	0.0964	0.0000	OK
720 minute winter	S15	375	184.916	0.049	8.7	0.0769	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S1	1.000	J1	0.8	0.455	0.092	0.0148	
720 minute winter	S2	1.012	J12	7.7	0.641	0.258	0.0180	
720 minute winter	S3	1.019	J18	10.6	0.977	0.199	0.2530	
720 minute winter	S4	1.022	BASIN 1	16.9	0.913	0.101	1.1778	
720 minute winter	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2117	
720 minute winter	S6	1.026	BASIN 2	4.1	0.469	0.047	0.0603	
720 minute winter	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1208	
720 minute winter	S8	1.030	S9	4.1	0.610	0.016	0.0881	
720 minute winter	S9	1.031	S10	4.1	0.642	0.049	0.0603	
720 minute winter	S10	1.032	SWALE 3	12.6	0.934	0.038	0.0594	
720 minute winter	S11	32.000	J28	1.0	0.499	0.168	0.0092	
720 minute winter	S12	32.003	J30	3.0	0.528	0.222	0.0286	
720 minute winter	S13	32.007	J33	5.1	1.274	0.052	0.0520	
720 minute winter	S14	32.009	J34	6.7	0.721	0.132	0.0486	
720 minute winter	S15	32.013	J37	8.7	1.417	0.094	0.0571	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.525	0.038	10.1	0.0584	0.0000	OK
720 minute winter	S17	585	186.326	0.176	1.2	0.2794	0.0000	SURCHARGED
720 minute winter	S18	600	186.325	0.501	3.5	0.7407	0.0000	SURCHARGED
720 minute winter	S19	600	186.325	0.559	5.3	0.8060	0.0000	SURCHARGED
720 minute winter	S20	405	184.662	0.020	0.5	0.0228	0.0000	OK
720 minute winter	S21	375	184.450	0.041	1.9	0.0544	0.0000	OK
720 minute winter	S22	375	184.298	0.067	4.0	0.0872	0.0000	OK
720 minute winter	S23	375	184.280	0.082	5.6	0.1054	0.0000	OK
720 minute winter	S24	375	184.121	0.104	10.8	0.1372	0.0000	OK
720 minute winter	S25	390	184.068	0.098	12.1	0.1350	0.0000	OK
720 minute winter	S26	390	185.399	0.022	1.1	0.0325	0.0000	OK
720 minute winter	FC1	375	188.405	0.155	0.4	0.2006	0.0000	SURCHARGED
720 minute winter	FC2	375	188.306	0.156	0.4	0.2015	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S16	32.015	J38	10.1	0.879	0.032	0.0279	
720 minute winter	S17	23.001	J20	1.2	0.586	0.210	0.0560	
720 minute winter	S18	23.006	J24	3.5	0.416	0.108	0.0729	
720 minute winter	S19	23.010	J27	5.3	0.515	0.177	0.3541	
720 minute winter	S20	48.001	J41	0.5	0.452	0.084	0.0051	
720 minute winter	S21	48.004	J43	1.9	0.441	0.145	0.0225	
720 minute winter	S22	48.008	J46	4.0	0.390	0.127	0.0248	
720 minute winter	S23	48.011	J48	5.6	0.448	0.183	0.0141	
720 minute winter	S24	48.018	J56	10.8	0.506	0.201	0.0902	
720 minute winter	S25	48.021	BASIN 4	12.1	0.678	0.227	0.0686	
720 minute winter	S26	65.001	J54	1.1	0.595	0.106	0.0160	
720 minute winter	FC1	2.000	J1	0.4	0.238	0.061	0.0079	
720 minute winter	FC1	Infiltration		0.0				0.0
720 minute winter	FC2	3.000	J2	0.4	0.417	0.063	0.0041	
720 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC3	405	188.462	0.262	0.5	0.3538	0.0000	SURCHARGED
720 minute winter	FC4	390	188.301	0.101	0.3	0.1267	0.0000	SURCHARGED
720 minute winter	FC5	375	188.156	0.156	0.4	0.2016	0.0000	SURCHARGED
720 minute winter	FC6	390	187.950	0.100	0.3	0.1255	0.0000	SURCHARGED
720 minute winter	FC7	390	187.852	0.102	0.3	0.1271	0.0000	SURCHARGED
720 minute winter	FC8	375	187.903	0.153	0.4	0.1971	0.0000	SURCHARGED
720 minute winter	FC9	390	187.573	0.103	0.3	0.1287	0.0000	SURCHARGED
720 minute winter	FC10	405	187.731	0.261	0.5	0.3532	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC3	4.000	J3	0.5	0.472	0.080	0.0099	
720 minute winter	FC3	Infiltration		0.0				0.0
720 minute winter	FC4	5.000	J4	0.3	0.459	0.040	0.0048	
720 minute winter	FC4	Infiltration		0.0				0.0
720 minute winter	FC5	6.000	J5	0.4	0.415	0.063	0.0038	
720 minute winter	FC5	Infiltration		0.0				0.0
720 minute winter	FC6	7.000	J6	0.3	0.511	0.034	0.0043	
720 minute winter	FC6	Infiltration		0.0				0.0
720 minute winter	FC7	8.000	J7	0.3	0.444	0.042	0.0049	
720 minute winter	FC7	Infiltration		0.0				0.0
720 minute winter	FC8	9.000	J8	0.4	0.582	0.039	0.0027	
720 minute winter	FC8	Infiltration		0.0				0.0
720 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
720 minute winter	FC9	Infiltration		0.0				0.0
720 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC11	375	187.476	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC12	375	187.386	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC13	375	187.156	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC14	435	186.992	0.092	0.4	1.1775	0.0000	OK
720 minute winter	FC15	390	187.299	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC16	390	187.002	0.102	0.3	0.1281	0.0000	SURCHARGED
720 minute winter	FC17	390	187.099	0.099	0.3	0.1233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC10	Infiltration		0.0				0.0
720 minute winter	FC11	12.000	J11	0.4	0.418	0.064	0.0070	
720 minute winter	FC11	Infiltration		0.0				0.0
720 minute winter	FC12	13.000	S2	0.4	0.417	0.064	0.0062	
720 minute winter	FC12	Infiltration		0.0				0.0
720 minute winter	FC13	14.000	J12	0.4	0.418	0.063	0.0061	
720 minute winter	FC13	Infiltration		0.0				0.0
720 minute winter	FC14	15.000	J13	0.3	0.385	0.047	0.0055	
720 minute winter	FC14	Infiltration		0.0				0.0
720 minute winter	FC15	16.000	J14	0.3	0.825	0.017	0.0017	
720 minute winter	FC15	Infiltration		0.0				0.0
720 minute winter	FC16	17.000	J15	0.3	0.410	0.047	0.0055	
720 minute winter	FC16	Infiltration		0.0				0.0
720 minute winter	FC17	18.000	J16	0.3	0.647	0.024	0.0022	
720 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC18	390	186.653	0.103	0.3	0.1288	0.0000	SURCHARGED
720 minute winter	FC19	375	186.556	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC20	375	187.100	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute winter	FC21	375	186.456	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC22	405	186.520	0.070	0.3	0.6754	0.0000	OK
720 minute winter	FC23	390	186.399	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC24	375	186.451	0.151	0.4	0.1945	0.0000	SURCHARGED
720 minute winter	FC25	375	186.700	0.150	0.4	0.1941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
720 minute winter	FC18	Infiltration		0.0				0.0
720 minute winter	FC19	20.000	S3	0.4	0.417	0.064	0.0060	
720 minute winter	FC19	Infiltration		0.0				0.0
720 minute winter	FC20	21.000	J18	0.4	0.836	0.023	0.0020	
720 minute winter	FC20	Infiltration		0.0				0.0
720 minute winter	FC21	22.000	J19	0.4	0.417	0.064	0.0356	
720 minute winter	FC21	Infiltration		0.0				0.0
720 minute winter	FC22	23.000	S17	0.2	0.233	0.016	0.0194	
720 minute winter	FC22	Infiltration		0.0				0.0
720 minute winter	FC23	24.000	J20	0.3	0.685	0.022	0.0215	
720 minute winter	FC23	Infiltration		0.0				0.0
720 minute winter	FC24	25.000	J21	0.4	0.755	0.027	0.0218	
720 minute winter	FC24	Infiltration		0.0				0.0
720 minute winter	FC25	26.000	J22	0.4	0.830	0.024	0.0186	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC26	405	186.519	0.069	0.3	0.6951	0.0000	OK
720 minute winter	FC27	390	186.599	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC28	375	186.650	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute winter	FC29	375	186.650	0.150	0.4	0.1942	0.0000	SURCHARGED
720 minute winter	FC30	375	186.901	0.151	0.4	0.1943	0.0000	SURCHARGED
720 minute winter	FC31	390	186.550	0.100	0.3	0.1250	0.0000	OK
720 minute winter	FC32	390	186.549	0.099	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC25	Infiltration		0.0				0.0
720 minute winter	FC26	27.000	J23	0.2	0.645	0.018	0.0183	
720 minute winter	FC26	Infiltration		0.0				0.0
720 minute winter	FC27	28.000	J24	0.3	0.957	0.014	0.0181	
720 minute winter	FC27	Infiltration		0.0				0.0
720 minute winter	FC28	29.000	J25	0.4	0.834	0.024	0.0174	
720 minute winter	FC28	Infiltration		0.0				0.0
720 minute winter	FC29	30.000	J26	0.4	0.812	0.025	0.0189	
720 minute winter	FC29	Infiltration		0.0				0.0
720 minute winter	FC30	31.000	J27	0.4	0.779	0.026	0.0021	
720 minute winter	FC30	Infiltration		0.0				0.0
720 minute winter	FC31	33.000	J28	0.3	0.228	0.033	0.0058	
720 minute winter	FC31	Infiltration		0.0				0.0
720 minute winter	FC32	34.000	J29	0.3	0.206	0.024	0.0065	
720 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC33	375	186.601	0.151	0.4	0.1944	0.0000	SURCHARGED
720 minute winter	FC34	375	186.606	0.156	0.4	0.2011	0.0000	SURCHARGED
720 minute winter	FC35	375	186.601	0.151	0.4	0.1944	0.0000	SURCHARGED
720 minute winter	FC36	375	186.600	0.150	0.4	0.1942	0.0000	SURCHARGED
720 minute winter	FC37	405	186.059	0.259	0.5	0.3498	0.0000	SURCHARGED
720 minute winter	FC38	405	185.516	0.066	0.3	0.7868	0.0000	OK
720 minute winter	FC39	390	185.549	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC40	375	185.650	0.150	0.4	0.1941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC33	35.000	S12	0.4	0.766	0.027	0.0020	
720 minute winter	FC33	Infiltration		0.0				0.0
720 minute winter	FC34	36.000	J30	0.4	0.429	0.061	0.0042	
720 minute winter	FC34	Infiltration		0.0				0.0
720 minute winter	FC35	37.000	J31	0.4	0.771	0.026	0.0025	
720 minute winter	FC35	Infiltration		0.0				0.0
720 minute winter	FC36	38.000	J32	0.4	0.808	0.025	0.0023	
720 minute winter	FC36	Infiltration		0.0				0.0
720 minute winter	FC37	39.000	J33	0.5	0.601	0.056	0.0054	
720 minute winter	FC37	Infiltration		0.0				0.0
720 minute winter	FC38	40.000	J34	0.2	0.613	0.019	0.0018	
720 minute winter	FC38	Infiltration		0.0				0.0
720 minute winter	FC39	41.000	J35	0.3	0.726	0.021	0.0018	
720 minute winter	FC39	Infiltration		0.0				0.0
720 minute winter	FC40	42.000	J36	0.4	0.949	0.020	0.0020	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC41	375	185.002	0.152	0.4	0.1963	0.0000	SURCHARGED
720 minute winter	FC42	375	184.753	0.153	0.4	0.1979	0.0000	SURCHARGED
720 minute winter	FC43	375	184.752	0.152	0.4	0.1964	0.0000	SURCHARGED
720 minute winter	FC44	360	184.612	0.012	0.3	0.0148	0.0000	OK
720 minute winter	FC45	390	184.699	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC46	405	184.962	0.262	0.5	0.3546	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	375	184.951	0.151	0.4	0.1943	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC40	Infiltration		0.0				0.0
720 minute winter	FC41	43.000	J37	0.4	0.622	0.036	0.0030	
720 minute winter	FC41	Infiltration		0.0				0.0
720 minute winter	FC42	44.000	J38	0.4	0.542	0.044	0.0034	
720 minute winter	FC42	Infiltration		0.0				0.0
720 minute winter	FC43	45.000	J39	0.4	0.616	0.036	0.0026	
720 minute winter	FC43	Infiltration		0.0				0.0
720 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
720 minute winter	FC44	Infiltration		0.0				0.0
720 minute winter	FC45	47.000	S10	0.3	0.676	0.023	0.0020	
720 minute winter	FC45	Infiltration		0.0				0.0
720 minute winter	FC46	48.000	S20	0.5	0.445	0.084	0.0067	
720 minute winter	FC46	Infiltration		0.0				0.0
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0029	
720 minute winter	FC48	50.000	J42	0.4	0.368	0.027	0.0054	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC49	375	184.956	0.156	0.4	0.2016	0.0000	SURCHARGED
720 minute winter	FC50	375	184.956	0.156	0.4	0.2015	0.0000	SURCHARGED
720 minute winter	FC51	375	185.006	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC52	375	185.402	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute winter	FC53	375	185.403	0.153	0.4	0.1973	0.0000	SURCHARGED
720 minute winter	FC54	390	185.349	0.099	0.3	0.1241	0.0000	OK
720 minute winter	FC55	390	185.349	0.099	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC48	Infiltration		0.0				0.0
720 minute winter	FC49	51.000	S21	0.4	0.415	0.063	0.0039	
720 minute winter	FC49	Infiltration		0.0				0.0
720 minute winter	FC50	52.000	J43	0.4	0.416	0.063	0.0042	
720 minute winter	FC50	Infiltration		0.0				0.0
720 minute winter	FC51	55.000	S22	0.4	0.417	0.064	0.0055	
720 minute winter	FC51	Infiltration		0.0				0.0
720 minute winter	FC52	58.000	S23	0.4	0.605	0.037	0.0034	
720 minute winter	FC52	Infiltration		0.0				0.0
720 minute winter	FC53	61.000	J50	0.4	0.570	0.040	0.0028	
720 minute winter	FC53	Infiltration		0.0				0.0
720 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
720 minute winter	FC54	Infiltration		0.0				0.0
720 minute winter	FC55	64.000	J53	0.3	0.742	0.020	0.0017	
720 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC56	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC57	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC58	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC59	390	185.449	0.099	0.3	0.1233	0.0000	OK
720 minute winter	FC60	375	185.501	0.151	0.4	0.1953	0.0000	SURCHARGED
720 minute winter	FC61	375	185.453	0.153	0.4	0.1978	0.0000	SURCHARGED
720 minute winter	FC62	405	185.510	0.260	0.5	0.3513	0.0000	SURCHARGED
720 minute winter	FC63	390	185.503	0.103	0.3	0.1285	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC56	53.000	J44	0.3	0.764	0.019	0.0026	
720 minute winter	FC56	Infiltration		0.0				0.0
720 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
720 minute winter	FC57	Infiltration		0.0				0.0
720 minute winter	FC58	56.000	J46	0.3	0.690	0.022	0.0027	
720 minute winter	FC58	Infiltration		0.0				0.0
720 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
720 minute winter	FC59	Infiltration		0.0				0.0
720 minute winter	FC60	59.000	J48	0.4	0.678	0.032	0.0037	
720 minute winter	FC60	Infiltration		0.0				0.0
720 minute winter	FC61	60.000	J49	0.4	0.545	0.044	0.0051	
720 minute winter	FC61	Infiltration		0.0				0.0
720 minute winter	FC62	63.000	J52	0.5	0.545	0.065	0.0086	
720 minute winter	FC62	Infiltration		0.0				0.0
720 minute winter	FC63	65.000	S26	0.3	0.296	0.051	0.0024	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC64	390	185.253	0.103	0.3	0.1285	0.0000	SURCHARGED
720 minute winter	FC65	375	185.302	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute winter	FC66	375	185.155	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute winter	FC67	405	184.871	0.071	0.3	0.7251	0.0000	OK
720 minute winter	FC68	390	184.650	0.100	0.3	0.1256	0.0000	SURCHARGED
720 minute winter	J1	375	188.235	0.035	2.0	0.0518	0.0000	OK
720 minute winter	J2	375	188.107	0.051	2.4	0.0576	0.0000	OK
720 minute winter	J3	375	188.097	0.047	2.8	0.0536	0.0000	OK
720 minute winter	J4	375	188.072	0.033	3.1	0.0376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC63	Infiltration		0.0				0.0
720 minute winter	FC64	66.000	J54	0.3	0.192	0.051	0.0035	
720 minute winter	FC64	Infiltration		0.0				0.0
720 minute winter	FC65	67.000	J55	0.4	0.276	0.039	0.0033	
720 minute winter	FC65	Infiltration		0.0				0.0
720 minute winter	FC66	68.000	S24	0.4	0.468	0.052	0.0017	
720 minute winter	FC66	Infiltration		0.0				0.0
720 minute winter	FC67	69.000	J56	0.2	0.359	0.041	0.0014	
720 minute winter	FC67	Infiltration		0.0				0.0
720 minute winter	FC68	70.000	J57	0.3	0.514	0.033	0.0013	
720 minute winter	FC68	Infiltration		0.0				0.0
720 minute winter	J1	1.001	J2	2.0	0.835	0.238	0.0119	
720 minute winter	J2	1.002	J3	2.3	0.468	0.175	0.0052	
720 minute winter	J3	1.003	J4	2.8	0.746	0.214	0.0075	
720 minute winter	J4	1.004	J5	3.1	1.143	0.092	0.0097	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J5	375	187.941	0.031	3.5	0.0348	0.0000	OK
720 minute winter	J6	375	187.693	0.043	3.8	0.0483	0.0000	OK
720 minute winter	J7	375	187.579	0.054	4.1	0.0606	0.0000	OK
720 minute winter	J8	375	187.555	0.034	4.5	0.0387	0.0000	OK
720 minute winter	J9	375	187.332	0.057	4.8	0.0645	0.0000	OK
720 minute winter	J10	375	187.303	0.033	5.3	0.0370	0.0000	OK
720 minute winter	J11	375	187.167	0.046	5.6	0.0516	0.0000	OK
720 minute winter	J12	375	186.866	0.057	8.1	0.0643	0.0000	OK
720 minute winter	J13	375	186.718	0.091	8.3	0.1032	0.0000	OK
720 minute winter	J14	375	186.708	0.086	8.6	0.0975	0.0000	OK
720 minute winter	J15	375	186.694	0.077	8.9	0.0871	0.0000	OK
720 minute winter	J16	375	186.663	0.058	9.2	0.0659	0.0000	OK
720 minute winter	J17	600	186.329	0.046	9.5	0.0515	0.0000	OK
720 minute winter	J18	600	186.326	0.201	17.5	0.2276	0.0000	OK
720 minute winter	J19	600	186.328	0.301	16.3	0.3402	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J5	1.005	J6	3.5	1.052	0.092	0.0191	
720 minute winter	J6	1.006	J7	3.8	1.015	0.134	0.0074	
720 minute winter	J7	1.007	J8	4.1	0.760	0.134	0.0062	
720 minute winter	J8	1.008	J9	4.5	0.779	0.050	0.0494	
720 minute winter	J9	1.009	J10	4.8	0.851	0.143	0.0069	
720 minute winter	J10	1.010	J11	5.3	1.139	0.041	0.0114	
720 minute winter	J11	1.011	S2	5.6	0.604	0.088	0.0510	
720 minute winter	J12	1.013	J13	8.1	1.087	0.121	0.0481	
720 minute winter	J13	1.014	J14	8.3	0.479	0.147	0.0330	
720 minute winter	J14	1.015	J15	8.6	0.557	0.153	0.0297	
720 minute winter	J15	1.016	J16	8.9	0.752	0.167	0.0612	
720 minute winter	J16	1.017	J17	9.2	1.049	0.065	0.0295	
720 minute winter	J17	1.018	S3	9.5	0.946	0.031	0.0493	
720 minute winter	J18	1.020	J19	16.0	0.834	0.056	0.0898	
720 minute winter	J19	1.021	S4	12.3	0.668	0.223	0.3095	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J20	585	186.325	0.294	1.5	0.3330	0.0000	SURCHARGED
720 minute winter	J21	585	186.325	0.316	1.9	0.3578	0.0000	SURCHARGED
720 minute winter	J22	585	186.325	0.362	2.3	0.4097	0.0000	SURCHARGED
720 minute winter	J23	585	186.325	0.383	2.5	0.4335	0.0000	SURCHARGED
720 minute winter	J24	600	186.325	0.508	3.7	0.5744	0.0000	SURCHARGED
720 minute winter	J25	585	186.326	0.530	4.0	0.5999	0.0000	SURCHARGED
720 minute winter	J26	600	186.325	0.546	4.8	0.6179	0.0000	SURCHARGED
720 minute winter	J27	585	186.328	0.592	8.2	0.6694	0.0000	SURCHARGED
720 minute winter	J28	390	186.388	0.032	1.3	0.0366	0.0000	OK
720 minute winter	J29	390	186.309	0.037	1.6	0.0424	0.0000	OK
720 minute winter	J30	375	186.202	0.055	3.3	0.0619	0.0000	OK
720 minute winter	J31	375	186.100	0.056	3.7	0.0630	0.0000	OK
720 minute winter	J32	375	186.065	0.054	4.1	0.0615	0.0000	OK
720 minute winter	J33	375	185.570	0.035	5.6	0.0400	0.0000	OK
720 minute winter	J34	375	185.192	0.067	6.9	0.0754	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J20	23.002	J21	1.5	0.441	0.114	0.0665	
720 minute winter	J21	23.003	J22	1.9	0.467	0.142	0.1411	
720 minute winter	J22	23.004	J23	2.3	0.502	0.168	0.0633	
720 minute winter	J23	23.005	S18	2.5	0.568	0.188	0.1321	
720 minute winter	J24	23.007	J25	3.7	0.434	0.122	0.2458	
720 minute winter	J25	23.008	J26	4.5	0.429	0.149	0.1975	
720 minute winter	J26	23.009	S19	4.3	0.435	0.141	0.1474	
720 minute winter	J27	23.011	S4	9.1	0.590	0.306	0.0951	
720 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0215	
720 minute winter	J29	32.002	S12	1.6	0.620	0.269	0.0120	
720 minute winter	J30	32.004	J31	3.3	0.602	0.252	0.0276	
720 minute winter	J31	32.005	J32	3.7	0.495	0.124	0.0731	
720 minute winter	J32	32.006	S13	4.1	0.726	0.136	0.0302	
720 minute winter	J33	32.008	S14	5.6	0.896	0.054	0.0576	
720 minute winter	J34	32.010	J35	6.9	0.923	0.179	0.0682	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J35	375	185.118	0.043	7.2	0.0488	0.0000	OK
720 minute winter	J36	375	184.946	0.071	7.6	0.0805	0.0000	OK
720 minute winter	J37	375	184.574	0.074	9.0	0.0835	0.0000	OK
720 minute winter	J38	375	184.394	0.094	10.5	0.1066	0.0000	OK
720 minute winter	J39	375	184.361	0.087	10.9	0.0985	0.0000	OK
720 minute winter	J40	375	184.337	0.072	11.2	0.0814	0.0000	OK
720 minute winter	J41	405	184.617	0.020	0.5	0.0221	0.0000	OK
720 minute winter	J42	375	184.564	0.027	0.9	0.0300	0.0000	OK
720 minute winter	J43	375	184.428	0.048	2.3	0.0548	0.0000	OK
720 minute winter	J44	375	184.417	0.047	2.6	0.0527	0.0000	OK
720 minute winter	J45	375	184.372	0.052	2.9	0.0583	0.0000	OK
720 minute winter	J46	375	184.292	0.070	4.3	0.0787	0.0000	OK
720 minute winter	J47	375	184.285	0.078	4.6	0.0882	0.0000	OK
720 minute winter	J48	375	184.272	0.078	6.0	0.0880	0.0000	OK
720 minute winter	J49	375	184.259	0.089	6.4	0.1012	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J35	32.011	J36	7.2	0.909	0.081	0.0551	
720 minute winter	J36	32.012	S15	7.6	0.892	0.252	0.0203	
720 minute winter	J37	32.014	S16	9.0	0.996	0.164	0.0484	
720 minute winter	J38	32.016	J39	10.5	0.586	0.195	0.1941	
720 minute winter	J39	32.017	J40	10.9	0.729	0.199	0.0547	
720 minute winter	J40	32.018	S10	11.2	0.904	0.112	0.1183	
720 minute winter	J41	48.002	J42	0.5	0.374	0.084	0.0085	
720 minute winter	J42	48.003	S21	0.9	0.530	0.147	0.0134	
720 minute winter	J43	48.005	J44	2.3	0.484	0.166	0.0077	
720 minute winter	J44	48.006	J45	2.6	0.521	0.195	0.0440	
720 minute winter	J45	48.007	S22	2.9	0.577	0.214	0.0120	
720 minute winter	J46	48.009	J47	4.3	0.378	0.139	0.0477	
720 minute winter	J47	48.010	S23	4.6	0.362	0.151	0.0333	
720 minute winter	J48	48.012	J49	6.0	0.447	0.201	0.1001	
720 minute winter	J49	48.013	J50	6.4	0.446	0.208	0.0162	

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J50	375	184.251	0.086	6.8	0.0971	0.0000	OK
720 minute winter	J51	375	184.239	0.091	7.0	0.1024	0.0000	OK
720 minute winter	J52	375	184.229	0.085	7.5	0.0960	0.0000	OK
720 minute winter	J53	375	184.208	0.081	7.8	0.0920	0.0000	OK
720 minute winter	J54	390	185.164	0.035	1.4	0.0399	0.0000	OK
720 minute winter	J55	375	185.128	0.034	1.8	0.0385	0.0000	OK
720 minute winter	J56	375	184.108	0.101	11.0	0.1140	0.0000	OK
720 minute winter	J57	375	184.087	0.102	11.3	0.1153	0.0000	OK
720 minute winter	BASIN 1	600	186.325	1.399	17.4	186.9389	0.0000	SURCHARGED
720 minute winter	BASIN 2	600	184.853	0.553	4.2	55.9728	0.0000	OK
720 minute winter	BASIN 3	960	183.490	0.390	14.2	351.0017	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J50	48.014	J51	6.8	0.468	0.226	0.0732	
720 minute winter	J51	48.015	J52	7.0	0.492	0.230	0.0163	
720 minute winter	J52	48.016	J53	7.5	0.566	0.247	0.0649	
720 minute winter	J53	48.017	S24	7.8	0.657	0.259	0.1222	
720 minute winter	J54	65.002	J55	1.4	0.582	0.236	0.0087	
720 minute winter	J55	65.003	S24	1.8	0.771	0.232	0.0180	
720 minute winter	J56	48.019	J57	11.0	0.524	0.202	0.1902	
720 minute winter	J57	48.020	S25	11.3	0.550	0.206	0.1252	
720 minute winter	BASIN 1	1.023	S5	4.1	0.180	0.049	0.9418	
720 minute winter	BASIN 1	Infiltration		0.1				5.5
720 minute winter	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1558	
720 minute winter	BASIN 2	71.000	BH1	1.0	0.527	0.175	0.1829	
720 minute winter	BASIN 2	Infiltration		0.0				0.0
720 minute winter	BASIN 3	1.034	BH2	2.6	0.451	0.021	1.7117	
720 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	BASIN 4	735	184.026	0.696	13.4	212.6143	0.0000	SURCHARGED
720 minute winter	SWALE 1	465	184.930	0.056	4.1	0.0803	0.0000	OK
720 minute winter	SWALE 2	600	184.431	0.056	4.1	0.0803	0.0000	OK
720 minute winter	SWALE 3	375	184.076	0.081	12.6	0.1157	0.0000	OK
720 minute winter	BH1	600	184.853	0.776	1.0	3.0508	0.0000	OK
720 minute winter	BH2	960	183.490	0.407	2.6	3.6294	0.0000	OK
720 minute winter	BH3	735	184.026	0.707	0.7	4.9058	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	BASIN 4	48.022	BH3	0.7	0.375	0.013	0.3211	
720 minute winter	BASIN 4	Infiltration		0.0				0.0
720 minute winter	SWALE 1	1.025	S6	4.1	0.394	0.049	0.3981	
720 minute winter	SWALE 2	1.029	S8	4.1	0.562	0.049	0.1917	
720 minute winter	SWALE 3	1.033	BASIN 3	12.6	0.732	0.100	0.7413	
720 minute winter	BH1	Infiltration		0.1				4.8
720 minute winter	BH2	Infiltration		0.2				5.2
720 minute winter	BH3	Infiltration		0.2				9.3

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.392	0.022	0.9	0.0320	0.0000	OK
960 minute summer	S2	495	187.126	0.087	8.5	0.1511	0.0000	OK
960 minute summer	S3	675	186.310	0.173	11.7	0.2303	0.0000	OK
960 minute summer	S4	690	186.315	0.937	19.7	1.2010	0.0000	SURCHARGED
960 minute summer	S5	720	186.315	1.405	4.1	2.0106	0.0000	SURCHARGED
960 minute summer	S6	720	184.866	0.058	4.1	0.0833	0.0000	OK
960 minute summer	S7	720	184.789	0.030	4.1	0.0434	0.0000	OK
960 minute summer	S8	720	184.363	0.033	4.1	0.0465	0.0000	OK
960 minute summer	S9	600	184.181	0.056	4.1	0.0801	0.0000	OK
960 minute summer	S10	495	184.172	0.059	14.6	0.1078	0.0000	OK
960 minute summer	S11	495	186.432	0.032	1.2	0.0504	0.0000	OK
960 minute summer	S12	495	186.232	0.056	3.4	0.0833	0.0000	OK
960 minute summer	S13	495	186.031	0.038	5.8	0.0567	0.0000	OK
960 minute summer	S14	495	185.241	0.066	7.7	0.1045	0.0000	OK
960 minute summer	S15	495	184.920	0.053	10.0	0.0830	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S1	1.000	J1	0.9	0.469	0.103	0.0160	
960 minute summer	S2	1.012	J12	8.5	0.661	0.286	0.0193	
960 minute summer	S3	1.019	J18	11.7	0.977	0.219	0.2289	
960 minute summer	S4	1.022	BASIN 1	19.5	0.853	0.117	1.1778	
960 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2112	
960 minute summer	S6	1.026	BASIN 2	4.1	0.468	0.047	0.0601	
960 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1205	
960 minute summer	S8	1.030	S9	4.1	0.607	0.016	0.0887	
960 minute summer	S9	1.031	S10	4.1	0.630	0.049	0.0640	
960 minute summer	S10	1.032	SWALE 3	14.6	0.964	0.044	0.0666	
960 minute summer	S11	32.000	J28	1.2	0.521	0.202	0.0104	
960 minute summer	S12	32.003	J30	3.4	0.545	0.254	0.0316	
960 minute summer	S13	32.007	J33	5.8	1.319	0.059	0.0568	
960 minute summer	S14	32.009	J34	7.7	0.748	0.152	0.0540	
960 minute summer	S15	32.013	J37	10.0	1.473	0.109	0.0635	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.529	0.042	11.8	0.0644	0.0000	OK
960 minute summer	S17	705	186.316	0.166	1.5	0.2645	0.0000	SURCHARGED
960 minute summer	S18	720	186.316	0.492	4.2	0.7271	0.0000	SURCHARGED
960 minute summer	S19	720	186.316	0.550	7.1	0.7926	0.0000	SURCHARGED
960 minute summer	S20	510	184.663	0.021	0.6	0.0240	0.0000	OK
960 minute summer	S21	495	184.452	0.043	2.1	0.0573	0.0000	OK
960 minute summer	S22	495	184.302	0.071	4.3	0.0918	0.0000	OK
960 minute summer	S23	495	184.284	0.086	6.1	0.1105	0.0000	OK
960 minute summer	S24	495	184.127	0.110	11.8	0.1444	0.0000	OK
960 minute summer	S25	495	184.073	0.103	13.3	0.1418	0.0000	OK
960 minute summer	S26	495	185.401	0.024	1.3	0.0354	0.0000	OK
960 minute summer	FC1	510	188.421	0.171	0.4	0.2204	0.0000	SURCHARGED
960 minute summer	FC2	510	188.322	0.172	0.4	0.2214	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S16	32.015	J38	11.8	0.908	0.037	0.0313	
960 minute summer	S17	23.001	J20	1.5	0.620	0.260	0.0560	
960 minute summer	S18	23.006	J24	4.1	0.434	0.129	0.0729	
960 minute summer	S19	23.010	J27	6.4	0.539	0.212	0.3541	
960 minute summer	S20	48.001	J41	0.5	0.465	0.092	0.0055	
960 minute summer	S21	48.004	J43	2.1	0.452	0.159	0.0240	
960 minute summer	S22	48.008	J46	4.3	0.393	0.137	0.0266	
960 minute summer	S23	48.011	J48	6.1	0.453	0.197	0.0151	
960 minute summer	S24	48.018	J56	11.8	0.516	0.220	0.0968	
960 minute summer	S25	48.021	BASIN 4	13.3	0.697	0.249	0.0734	
960 minute summer	S26	65.001	J54	1.3	0.630	0.125	0.0178	
960 minute summer	FC1	2.000	J1	0.4	0.247	0.064	0.0084	
960 minute summer	FC1	Infiltration		0.0				0.0
960 minute summer	FC2	3.000	J2	0.4	0.423	0.067	0.0042	
960 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC3	495	188.518	0.318	0.6	0.4295	0.0000	SURCHARGED
960 minute summer	FC4	525	188.302	0.102	0.3	0.1276	0.0000	SURCHARGED
960 minute summer	FC5	510	188.172	0.172	0.4	0.2215	0.0000	SURCHARGED
960 minute summer	FC6	525	187.951	0.101	0.3	0.1264	0.0000	SURCHARGED
960 minute summer	FC7	525	187.852	0.102	0.3	0.1280	0.0000	SURCHARGED
960 minute summer	FC8	510	187.918	0.168	0.4	0.2167	0.0000	SURCHARGED
960 minute summer	FC9	525	187.574	0.104	0.3	0.1296	0.0000	SURCHARGED
960 minute summer	FC10	495	187.788	0.317	0.6	0.4289	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC3	4.000	J3	0.6	0.486	0.088	0.0106	
960 minute summer	FC3	Infiltration		0.0				0.0
960 minute summer	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
960 minute summer	FC4	Infiltration		0.0				0.0
960 minute summer	FC5	6.000	J5	0.4	0.421	0.067	0.0039	
960 minute summer	FC5	Infiltration		0.0				0.0
960 minute summer	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
960 minute summer	FC6	Infiltration		0.0				0.0
960 minute summer	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
960 minute summer	FC7	Infiltration		0.0				0.0
960 minute summer	FC8	9.000	J8	0.4	0.590	0.041	0.0028	
960 minute summer	FC8	Infiltration		0.0				0.0
960 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
960 minute summer	FC9	Infiltration		0.0				0.0
960 minute summer	FC10	11.000	J10	0.6	0.505	0.083	0.0068	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC11	510	187.491	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC12	510	187.401	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC13	510	187.171	0.171	0.4	0.2212	0.0000	SURCHARGED
960 minute summer	FC14	555	187.000	0.100	0.4	1.2730	0.0000	OK
960 minute summer	FC15	525	187.299	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC16	525	187.003	0.103	0.3	0.1290	0.0000	SURCHARGED
960 minute summer	FC17	525	187.099	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC10	Infiltration		0.0				0.0
960 minute summer	FC11	12.000	J11	0.4	0.424	0.067	0.0072	
960 minute summer	FC11	Infiltration		0.0				0.0
960 minute summer	FC12	13.000	S2	0.4	0.424	0.067	0.0064	
960 minute summer	FC12	Infiltration		0.0				0.0
960 minute summer	FC13	14.000	J12	0.4	0.425	0.067	0.0064	
960 minute summer	FC13	Infiltration		0.0				0.0
960 minute summer	FC14	15.000	J13	0.3	0.391	0.050	0.0057	
960 minute summer	FC14	Infiltration		0.0				0.0
960 minute summer	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
960 minute summer	FC15	Infiltration		0.0				0.0
960 minute summer	FC16	17.000	J15	0.3	0.410	0.047	0.0056	
960 minute summer	FC16	Infiltration		0.0				0.0
960 minute summer	FC17	18.000	J16	0.3	0.648	0.024	0.0022	
960 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC18	525	186.654	0.104	0.3	0.1297	0.0000	SURCHARGED
960 minute summer	FC19	510	186.571	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC20	510	187.115	0.165	0.4	0.2129	0.0000	SURCHARGED
960 minute summer	FC21	510	186.471	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC22	525	186.527	0.076	0.3	0.7405	0.0000	OK
960 minute summer	FC23	525	186.399	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC24	510	186.466	0.166	0.4	0.2137	0.0000	SURCHARGED
960 minute summer	FC25	510	186.715	0.165	0.4	0.2129	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
960 minute summer	FC18	Infiltration		0.0				0.0
960 minute summer	FC19	20.000	S3	0.4	0.423	0.067	0.0062	
960 minute summer	FC19	Infiltration		0.0				0.0
960 minute summer	FC20	21.000	J18	0.4	0.849	0.025	0.0020	
960 minute summer	FC20	Infiltration		0.0				0.0
960 minute summer	FC21	22.000	J19	0.4	0.424	0.067	0.0320	
960 minute summer	FC21	Infiltration		0.0				0.0
960 minute summer	FC22	23.000	S17	0.3	0.259	0.017	0.0194	
960 minute summer	FC22	Infiltration		0.0				0.0
960 minute summer	FC23	24.000	J20	0.3	0.686	0.023	0.0198	
960 minute summer	FC23	Infiltration		0.0				0.0
960 minute summer	FC24	25.000	J21	0.4	0.767	0.029	0.0201	
960 minute summer	FC24	Infiltration		0.0				0.0
960 minute summer	FC25	26.000	J22	0.4	0.842	0.025	0.0174	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC26	525	186.526	0.076	0.3	0.7608	0.0000	OK
960 minute summer	FC27	525	186.599	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC28	510	186.665	0.165	0.4	0.2129	0.0000	SURCHARGED
960 minute summer	FC29	510	186.665	0.165	0.4	0.2131	0.0000	SURCHARGED
960 minute summer	FC30	510	186.915	0.165	0.4	0.2134	0.0000	SURCHARGED
960 minute summer	FC31	525	186.551	0.101	0.3	0.1259	0.0000	SURCHARGED
960 minute summer	FC32	525	186.549	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC25	Infiltration		0.0				0.0
960 minute summer	FC26	27.000	J23	0.3	0.654	0.019	0.0170	
960 minute summer	FC26	Infiltration		0.0				0.0
960 minute summer	FC27	28.000	J24	0.3	0.960	0.014	0.0183	
960 minute summer	FC27	Infiltration		0.0				0.0
960 minute summer	FC28	29.000	J25	0.4	0.847	0.025	0.0174	
960 minute summer	FC28	Infiltration		0.0				0.0
960 minute summer	FC29	30.000	J26	0.4	0.824	0.026	0.0189	
960 minute summer	FC29	Infiltration		0.0				0.0
960 minute summer	FC30	31.000	J27	0.4	0.791	0.027	0.0022	
960 minute summer	FC30	Infiltration		0.0				0.0
960 minute summer	FC31	33.000	J28	0.3	0.238	0.033	0.0064	
960 minute summer	FC31	Infiltration		0.0				0.0
960 minute summer	FC32	34.000	J29	0.3	0.213	0.024	0.0070	
960 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC33	510	186.616	0.165	0.4	0.2136	0.0000	SURCHARGED
960 minute summer	FC34	510	186.621	0.171	0.4	0.2209	0.0000	SURCHARGED
960 minute summer	FC35	510	186.615	0.165	0.4	0.2135	0.0000	SURCHARGED
960 minute summer	FC36	510	186.615	0.165	0.4	0.2131	0.0000	SURCHARGED
960 minute summer	FC37	495	186.115	0.315	0.6	0.4256	0.0000	SURCHARGED
960 minute summer	FC38	540	185.521	0.071	0.3	0.8550	0.0000	OK
960 minute summer	FC39	525	185.549	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC40	510	185.665	0.165	0.4	0.2128	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC33	35.000	S12	0.4	0.777	0.028	0.0021	
960 minute summer	FC33	Infiltration		0.0				0.0
960 minute summer	FC34	36.000	J30	0.4	0.435	0.064	0.0043	
960 minute summer	FC34	Infiltration		0.0				0.0
960 minute summer	FC35	37.000	J31	0.4	0.782	0.028	0.0026	
960 minute summer	FC35	Infiltration		0.0				0.0
960 minute summer	FC36	38.000	J32	0.4	0.820	0.026	0.0024	
960 minute summer	FC36	Infiltration		0.0				0.0
960 minute summer	FC37	39.000	J33	0.6	0.619	0.062	0.0058	
960 minute summer	FC37	Infiltration		0.0				0.0
960 minute summer	FC38	40.000	J34	0.2	0.622	0.020	0.0019	
960 minute summer	FC38	Infiltration		0.0				0.0
960 minute summer	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
960 minute summer	FC39	Infiltration		0.0				0.0
960 minute summer	FC40	42.000	J36	0.4	0.963	0.021	0.0021	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC41	510	185.017	0.167	0.4	0.2158	0.0000	SURCHARGED
960 minute summer	FC42	510	184.769	0.169	0.4	0.2176	0.0000	SURCHARGED
960 minute summer	FC43	510	184.767	0.167	0.4	0.2160	0.0000	SURCHARGED
960 minute summer	FC44	465	184.612	0.012	0.3	0.0148	0.0000	OK
960 minute summer	FC45	525	184.699	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC46	495	185.019	0.318	0.6	0.4303	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.965	0.165	0.4	0.2134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC40	Infiltration		0.0				0.0
960 minute summer	FC41	43.000	J37	0.4	0.632	0.038	0.0032	
960 minute summer	FC41	Infiltration		0.0				0.0
960 minute summer	FC42	44.000	J38	0.4	0.551	0.046	0.0036	
960 minute summer	FC42	Infiltration		0.0				0.0
960 minute summer	FC43	45.000	J39	0.4	0.625	0.038	0.0027	
960 minute summer	FC43	Infiltration		0.0				0.0
960 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
960 minute summer	FC44	Infiltration		0.0				0.0
960 minute summer	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
960 minute summer	FC45	Infiltration		0.0				0.0
960 minute summer	FC46	48.000	S20	0.6	0.458	0.093	0.0072	
960 minute summer	FC46	Infiltration		0.0				0.0
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0031	
960 minute summer	FC48	50.000	J42	0.4	0.363	0.028	0.0057	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC49	510	184.972	0.172	0.4	0.2215	0.0000	SURCHARGED
960 minute summer	FC50	510	184.972	0.172	0.4	0.2214	0.0000	SURCHARGED
960 minute summer	FC51	510	185.021	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC52	510	185.417	0.167	0.4	0.2162	0.0000	SURCHARGED
960 minute summer	FC53	510	185.418	0.168	0.4	0.2169	0.0000	SURCHARGED
960 minute summer	FC54	525	185.350	0.100	0.3	0.1249	0.0000	OK
960 minute summer	FC55	525	185.349	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC48	Infiltration		0.0				0.0
960 minute summer	FC49	51.000	S21	0.4	0.422	0.067	0.0041	
960 minute summer	FC49	Infiltration		0.0				0.0
960 minute summer	FC50	52.000	J43	0.4	0.422	0.067	0.0044	
960 minute summer	FC50	Infiltration		0.0				0.0
960 minute summer	FC51	55.000	S22	0.4	0.423	0.067	0.0057	
960 minute summer	FC51	Infiltration		0.0				0.0
960 minute summer	FC52	58.000	S23	0.4	0.614	0.039	0.0035	
960 minute summer	FC52	Infiltration		0.0				0.0
960 minute summer	FC53	61.000	J50	0.4	0.578	0.043	0.0029	
960 minute summer	FC53	Infiltration		0.0				0.0
960 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
960 minute summer	FC54	Infiltration		0.0				0.0
960 minute summer	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
960 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC56	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC57	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC58	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC59	525	185.449	0.099	0.3	0.1241	0.0000	OK
960 minute summer	FC60	510	185.516	0.166	0.4	0.2148	0.0000	SURCHARGED
960 minute summer	FC61	510	185.468	0.168	0.4	0.2174	0.0000	SURCHARGED
960 minute summer	FC62	495	185.566	0.316	0.6	0.4271	0.0000	SURCHARGED
960 minute summer	FC63	525	185.503	0.103	0.3	0.1294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
960 minute summer	FC56	Infiltration		0.0				0.0
960 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
960 minute summer	FC57	Infiltration		0.0				0.0
960 minute summer	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
960 minute summer	FC58	Infiltration		0.0				0.0
960 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
960 minute summer	FC59	Infiltration		0.0				0.0
960 minute summer	FC60	59.000	J48	0.4	0.689	0.033	0.0038	
960 minute summer	FC60	Infiltration		0.0				0.0
960 minute summer	FC61	60.000	J49	0.4	0.554	0.046	0.0053	
960 minute summer	FC61	Infiltration		0.0				0.0
960 minute summer	FC62	63.000	J52	0.6	0.561	0.072	0.0092	
960 minute summer	FC62	Infiltration		0.0				0.0
960 minute summer	FC63	65.000	S26	0.3	0.297	0.051	0.0026	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC64	510	185.254	0.104	0.3	0.1302	0.0000	SURCHARGED
960 minute summer	FC65	510	185.317	0.167	0.4	0.2162	0.0000	SURCHARGED
960 minute summer	FC66	510	185.170	0.170	0.4	0.2199	0.0000	SURCHARGED
960 minute summer	FC67	525	184.877	0.077	0.3	0.7916	0.0000	OK
960 minute summer	FC68	525	184.651	0.101	0.3	0.1265	0.0000	SURCHARGED
960 minute summer	J1	495	188.237	0.037	2.2	0.0548	0.0000	OK
960 minute summer	J2	495	188.110	0.054	2.6	0.0607	0.0000	OK
960 minute summer	J3	495	188.100	0.050	3.1	0.0563	0.0000	OK
960 minute summer	J4	495	188.074	0.035	3.4	0.0395	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC63	Infiltration		0.0				0.0
960 minute summer	FC64	66.000	J54	0.3	0.193	0.051	0.0039	
960 minute summer	FC64	Infiltration		0.0				0.0
960 minute summer	FC65	67.000	J55	0.4	0.276	0.041	0.0035	
960 minute summer	FC65	Infiltration		0.0				0.0
960 minute summer	FC66	68.000	S24	0.4	0.475	0.055	0.0018	
960 minute summer	FC66	Infiltration		0.0				0.0
960 minute summer	FC67	69.000	J56	0.3	0.364	0.043	0.0015	
960 minute summer	FC67	Infiltration		0.0				0.0
960 minute summer	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
960 minute summer	FC68	Infiltration		0.0				0.0
960 minute summer	J1	1.001	J2	2.2	0.858	0.264	0.0128	
960 minute summer	J2	1.002	J3	2.6	0.480	0.192	0.0056	
960 minute summer	J3	1.003	J4	3.1	0.767	0.236	0.0080	
960 minute summer	J4	1.004	J5	3.4	1.172	0.100	0.0103	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J5	495	187.942	0.032	3.8	0.0363	0.0000	OK
960 minute summer	J6	495	187.695	0.045	4.1	0.0505	0.0000	OK
960 minute summer	J7	495	187.581	0.056	4.4	0.0628	0.0000	OK
960 minute summer	J8	495	187.556	0.035	4.8	0.0401	0.0000	OK
960 minute summer	J9	495	187.334	0.059	5.1	0.0667	0.0000	OK
960 minute summer	J10	495	187.304	0.034	5.7	0.0386	0.0000	OK
960 minute summer	J11	495	187.168	0.047	6.0	0.0532	0.0000	OK
960 minute summer	J12	495	186.869	0.060	8.9	0.0678	0.0000	OK
960 minute summer	J13	495	186.723	0.096	9.2	0.1085	0.0000	OK
960 minute summer	J14	495	186.712	0.090	9.5	0.1022	0.0000	OK
960 minute summer	J15	495	186.698	0.081	9.8	0.0912	0.0000	OK
960 minute summer	J16	495	186.666	0.061	10.1	0.0691	0.0000	OK
960 minute summer	J17	495	186.325	0.042	10.4	0.0473	0.0000	OK
960 minute summer	J18	690	186.317	0.192	12.1	0.2169	0.0000	OK
960 minute summer	J19	705	186.321	0.294	26.0	0.3320	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J5	1.005	J6	3.8	1.076	0.100	0.0203	
960 minute summer	J6	1.006	J7	4.1	1.034	0.145	0.0078	
960 minute summer	J7	1.007	J8	4.5	0.796	0.145	0.0065	
960 minute summer	J8	1.008	J9	4.8	0.797	0.054	0.0519	
960 minute summer	J9	1.009	J10	5.1	0.863	0.153	0.0072	
960 minute summer	J10	1.010	J11	5.7	1.164	0.044	0.0120	
960 minute summer	J11	1.011	S2	6.0	0.610	0.094	0.0543	
960 minute summer	J12	1.013	J13	8.9	1.115	0.133	0.0517	
960 minute summer	J13	1.014	J14	9.2	0.493	0.162	0.0353	
960 minute summer	J14	1.015	J15	9.5	0.574	0.168	0.0317	
960 minute summer	J15	1.016	J16	9.8	0.771	0.183	0.0653	
960 minute summer	J16	1.017	J17	10.1	1.073	0.071	0.0316	
960 minute summer	J17	1.018	S3	10.4	0.959	0.033	0.0445	
960 minute summer	J18	1.020	J19	25.8	0.849	0.090	0.0872	
960 minute summer	J19	1.021	S4	12.4	0.687	0.226	0.3085	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J20	705	186.316	0.285	1.8	0.3224	0.0000	SURCHARGED
960 minute summer	J21	720	186.316	0.307	2.2	0.3471	0.0000	SURCHARGED
960 minute summer	J22	705	186.316	0.353	2.6	0.3990	0.0000	SURCHARGED
960 minute summer	J23	720	186.316	0.374	2.9	0.4228	0.0000	SURCHARGED
960 minute summer	J24	720	186.316	0.499	4.4	0.5640	0.0000	SURCHARGED
960 minute summer	J25	705	186.315	0.519	4.7	0.5868	0.0000	SURCHARGED
960 minute summer	J26	720	186.316	0.537	5.1	0.6075	0.0000	SURCHARGED
960 minute summer	J27	720	186.314	0.578	6.7	0.6536	0.0000	SURCHARGED
960 minute summer	J28	495	186.391	0.035	1.5	0.0396	0.0000	OK
960 minute summer	J29	495	186.311	0.040	1.8	0.0453	0.0000	OK
960 minute summer	J30	495	186.206	0.059	3.8	0.0664	0.0000	OK
960 minute summer	J31	495	186.103	0.059	4.2	0.0669	0.0000	OK
960 minute summer	J32	495	186.068	0.057	4.6	0.0648	0.0000	OK
960 minute summer	J33	495	185.573	0.037	6.3	0.0424	0.0000	OK
960 minute summer	J34	495	185.197	0.072	7.9	0.0810	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J20	23.002	J21	1.8	0.462	0.136	0.0665	
960 minute summer	J21	23.003	J22	2.2	0.487	0.166	0.1411	
960 minute summer	J22	23.004	J23	2.6	0.520	0.194	0.0633	
960 minute summer	J23	23.005	S18	2.9	0.588	0.213	0.1321	
960 minute summer	J24	23.007	J25	4.3	0.448	0.144	0.2458	
960 minute summer	J25	23.008	J26	4.7	0.441	0.156	0.1975	
960 minute summer	J26	23.009	S19	6.5	0.445	0.212	0.1474	
960 minute summer	J27	23.011	S4	11.8	0.620	0.396	0.0951	
960 minute summer	J28	32.001	J29	1.5	0.559	0.253	0.0237	
960 minute summer	J29	32.002	S12	1.8	0.639	0.303	0.0131	
960 minute summer	J30	32.004	J31	3.8	0.622	0.285	0.0302	
960 minute summer	J31	32.005	J32	4.2	0.513	0.139	0.0792	
960 minute summer	J32	32.006	S13	4.6	0.746	0.151	0.0327	
960 minute summer	J33	32.008	S14	6.3	0.913	0.061	0.0640	
960 minute summer	J34	32.010	J35	7.9	0.960	0.206	0.0753	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J35	495	185.121	0.046	8.2	0.0523	0.0000	OK
960 minute summer	J36	495	184.951	0.076	8.6	0.0861	0.0000	OK
960 minute summer	J37	495	184.579	0.079	10.4	0.0893	0.0000	OK
960 minute summer	J38	495	184.402	0.102	12.2	0.1154	0.0000	OK
960 minute summer	J39	495	184.368	0.094	12.6	0.1062	0.0000	OK
960 minute summer	J40	495	184.343	0.078	12.9	0.0877	0.0000	OK
960 minute summer	J41	510	184.618	0.021	0.5	0.0233	0.0000	OK
960 minute summer	J42	510	184.565	0.028	0.9	0.0315	0.0000	OK
960 minute summer	J43	495	184.431	0.051	2.5	0.0574	0.0000	OK
960 minute summer	J44	495	184.419	0.049	2.8	0.0550	0.0000	OK
960 minute summer	J45	495	184.374	0.054	3.1	0.0606	0.0000	OK
960 minute summer	J46	495	184.295	0.073	4.6	0.0829	0.0000	OK
960 minute summer	J47	495	184.289	0.082	4.9	0.0926	0.0000	OK
960 minute summer	J48	495	184.276	0.082	6.5	0.0923	0.0000	OK
960 minute summer	J49	495	184.263	0.093	6.9	0.1057	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J35	32.011	J36	8.2	0.945	0.092	0.0607	
960 minute summer	J36	32.012	S15	8.6	0.920	0.287	0.0224	
960 minute summer	J37	32.014	S16	10.4	1.026	0.189	0.0539	
960 minute summer	J38	32.016	J39	12.2	0.611	0.226	0.2159	
960 minute summer	J39	32.017	J40	12.6	0.759	0.230	0.0607	
960 minute summer	J40	32.018	S10	12.9	0.939	0.129	0.1313	
960 minute summer	J41	48.002	J42	0.6	0.378	0.093	0.0091	
960 minute summer	J42	48.003	S21	0.9	0.543	0.161	0.0143	
960 minute summer	J43	48.005	J44	2.5	0.495	0.180	0.0082	
960 minute summer	J44	48.006	J45	2.8	0.532	0.211	0.0464	
960 minute summer	J45	48.007	S22	3.1	0.588	0.229	0.0126	
960 minute summer	J46	48.009	J47	4.6	0.379	0.149	0.0511	
960 minute summer	J47	48.010	S23	4.9	0.364	0.162	0.0355	
960 minute summer	J48	48.012	J49	6.5	0.453	0.216	0.1064	
960 minute summer	J49	48.013	J50	6.9	0.452	0.224	0.0172	

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J50	495	184.255	0.090	7.2	0.1014	0.0000	OK
960 minute summer	J51	495	184.242	0.094	7.5	0.1067	0.0000	OK
960 minute summer	J52	495	184.232	0.088	8.1	0.1000	0.0000	OK
960 minute summer	J53	495	184.211	0.084	8.4	0.0955	0.0000	OK
960 minute summer	J54	495	185.167	0.038	1.6	0.0430	0.0000	OK
960 minute summer	J55	495	185.130	0.036	2.0	0.0411	0.0000	OK
960 minute summer	J56	495	184.113	0.106	12.0	0.1200	0.0000	OK
960 minute summer	J57	495	184.092	0.107	12.3	0.1212	0.0000	OK
960 minute summer	BASIN 1	720	186.315	1.390	20.1	185.3152	0.0000	SURCHARGED
960 minute summer	BASIN 2	720	184.853	0.553	4.2	55.9629	0.0000	OK
960 minute summer	BASIN 3	1200	183.577	0.477	16.6	389.0137	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J50	48.014	J51	7.2	0.475	0.242	0.0774	
960 minute summer	J51	48.015	J52	7.5	0.499	0.246	0.0172	
960 minute summer	J52	48.016	J53	8.1	0.577	0.265	0.0684	
960 minute summer	J53	48.017	S24	8.4	0.670	0.278	0.1285	
960 minute summer	J54	65.002	J55	1.6	0.604	0.270	0.0096	
960 minute summer	J55	65.003	S24	2.0	0.796	0.261	0.0196	
960 minute summer	J56	48.019	J57	12.0	0.535	0.221	0.2036	
960 minute summer	J57	48.020	S25	12.3	0.561	0.225	0.1340	
960 minute summer	BASIN 1	1.023	S5	4.1	0.114	0.049	0.9418	
960 minute summer	BASIN 1	Infiltration		0.1				6.4
960 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1554	
960 minute summer	BASIN 2	71.000	BH1	0.8	0.518	0.137	0.1829	
960 minute summer	BASIN 2	Infiltration		0.0				0.0
960 minute summer	BASIN 3	1.034	BH2	1.1	0.483	0.009	1.8265	
960 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	BASIN 4	990	184.055	0.725	14.9	222.2199	0.0000	SURCHARGED
960 minute summer	SWALE 1	720	184.930	0.056	4.1	0.0800	0.0000	OK
960 minute summer	SWALE 2	720	184.431	0.056	4.1	0.0802	0.0000	OK
960 minute summer	SWALE 3	495	184.082	0.087	14.6	0.1249	0.0000	OK
960 minute summer	BH1	720	184.853	0.776	0.8	3.0506	0.0000	OK
960 minute summer	BH2	1200	183.577	0.494	1.1	4.0606	0.0000	OK
960 minute summer	BH3	990	184.055	0.736	0.4	5.0401	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	BASIN 4	48.022	BH3	0.4	0.297	0.008	0.3211	
960 minute summer	BASIN 4	Infiltration		0.0				0.0
960 minute summer	SWALE 1	1.025	S6	4.1	0.391	0.049	0.3971	
960 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1913	
960 minute summer	SWALE 3	1.033	BASIN 3	14.6	0.763	0.117	0.8248	
960 minute summer	BH1	Infiltration		0.1				6.1
960 minute summer	BH2	Infiltration		0.2				6.7
960 minute summer	BH3	Infiltration		0.2				11.5

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	450	188.388	0.018	0.6	0.0262	0.0000	OK
960 minute winter	S2	495	187.112	0.072	6.0	0.1254	0.0000	OK
960 minute winter	S3	735	186.325	0.188	8.2	0.2504	0.0000	OK
960 minute winter	S4	735	186.323	0.945	14.0	1.2110	0.0000	SURCHARGED
960 minute winter	S5	750	186.322	1.412	4.1	2.0207	0.0000	SURCHARGED
960 minute winter	S6	750	184.866	0.058	4.1	0.0834	0.0000	OK
960 minute winter	S7	750	184.789	0.030	4.1	0.0434	0.0000	OK
960 minute winter	S8	750	184.363	0.033	4.1	0.0466	0.0000	OK
960 minute winter	S9	615	184.182	0.057	4.1	0.0810	0.0000	OK
960 minute winter	S10	555	184.167	0.054	12.4	0.0979	0.0000	OK
960 minute winter	S11	465	186.426	0.026	0.8	0.0404	0.0000	OK
960 minute winter	S12	525	186.221	0.045	2.3	0.0668	0.0000	OK
960 minute winter	S13	525	186.025	0.032	4.0	0.0473	0.0000	OK
960 minute winter	S14	525	185.229	0.054	5.3	0.0847	0.0000	OK
960 minute winter	S15	525	184.910	0.043	6.9	0.0682	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S1	1.000	J1	0.6	0.423	0.069	0.0121	
960 minute winter	S2	1.012	J12	6.0	0.599	0.201	0.0150	
960 minute winter	S3	1.019	J18	8.2	0.924	0.154	0.2457	
960 minute winter	S4	1.022	BASIN 1	13.9	0.874	0.083	1.1778	
960 minute winter	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2116	
960 minute winter	S6	1.026	BASIN 2	4.1	0.459	0.047	0.0602	
960 minute winter	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1207	
960 minute winter	S8	1.030	S9	4.1	0.607	0.016	0.0899	
960 minute winter	S9	1.031	S10	4.1	0.637	0.049	0.0653	
960 minute winter	S10	1.032	SWALE 3	12.4	0.930	0.037	0.0587	
960 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077	
960 minute winter	S12	32.003	J30	2.3	0.496	0.172	0.0236	
960 minute winter	S13	32.007	J33	4.0	1.187	0.041	0.0438	
960 minute winter	S14	32.009	J34	5.3	0.678	0.104	0.0410	
960 minute winter	S15	32.013	J37	6.9	1.330	0.075	0.0484	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	525	184.520	0.033	8.1	0.0508	0.0000	OK
960 minute winter	S17	735	186.323	0.173	1.1	0.2758	0.0000	SURCHARGED
960 minute winter	S18	750	186.323	0.499	3.0	0.7372	0.0000	SURCHARGED
960 minute winter	S19	750	186.323	0.557	5.9	0.8022	0.0000	SURCHARGED
960 minute winter	S20	540	184.660	0.018	0.4	0.0204	0.0000	OK
960 minute winter	S21	495	184.446	0.037	1.6	0.0488	0.0000	OK
960 minute winter	S22	495	184.289	0.058	3.2	0.0752	0.0000	OK
960 minute winter	S23	495	184.269	0.071	4.5	0.0917	0.0000	OK
960 minute winter	S24	495	184.109	0.092	8.6	0.1207	0.0000	OK
960 minute winter	S25	960	184.072	0.102	9.7	0.1407	0.0000	OK
960 minute winter	S26	495	185.397	0.020	0.9	0.0295	0.0000	OK
960 minute winter	FC1	540	188.353	0.103	0.3	0.1331	0.0000	SURCHARGED
960 minute winter	FC2	540	188.254	0.104	0.3	0.1340	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S16	32.015	J38	8.1	0.839	0.025	0.0234	
960 minute winter	S17	23.001	J20	1.1	0.565	0.184	0.0560	
960 minute winter	S18	23.006	J24	3.0	0.409	0.092	0.0729	
960 minute winter	S19	23.010	J27	4.5	0.489	0.150	0.3541	
960 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044	
960 minute winter	S21	48.004	J43	1.6	0.426	0.120	0.0192	
960 minute winter	S22	48.008	J46	3.2	0.388	0.102	0.0200	
960 minute winter	S23	48.011	J48	4.5	0.434	0.146	0.0116	
960 minute winter	S24	48.018	J56	8.6	0.482	0.161	0.0756	
960 minute winter	S25	48.021	BASIN 4	9.7	0.638	0.182	0.0858	
960 minute winter	S26	65.001	J54	0.9	0.574	0.087	0.0135	
960 minute winter	FC1	2.000	J1	0.3	0.226	0.048	0.0065	
960 minute winter	FC1	Infiltration		0.0				0.0
960 minute winter	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
960 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC3	540	188.374	0.174	0.4	0.2351	0.0000	SURCHARGED
960 minute winter	FC4	525	188.251	0.051	0.2	0.0633	0.0000	OK
960 minute winter	FC5	540	188.104	0.104	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC6	525	187.900	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC7	540	187.801	0.051	0.2	0.0637	0.0000	OK
960 minute winter	FC8	540	187.851	0.101	0.3	0.1299	0.0000	SURCHARGED
960 minute winter	FC9	555	187.522	0.052	0.2	0.0650	0.0000	OK
960 minute winter	FC10	540	187.644	0.174	0.4	0.2345	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC3	4.000	J3	0.4	0.443	0.064	0.0085	
960 minute winter	FC3	Infiltration		0.0				0.0
960 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
960 minute winter	FC4	Infiltration		0.0				0.0
960 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
960 minute winter	FC5	Infiltration		0.0				0.0
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
960 minute winter	FC6	Infiltration		0.0				0.0
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
960 minute winter	FC7	Infiltration		0.0				0.0
960 minute winter	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
960 minute winter	FC8	Infiltration		0.0				0.0
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
960 minute winter	FC9	Infiltration		0.0				0.0
960 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC11	540	187.424	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC12	540	187.334	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC13	540	187.104	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC14	540	186.981	0.080	0.3	1.0261	0.0000	OK
960 minute winter	FC15	525	187.250	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC16	540	186.952	0.052	0.2	0.0645	0.0000	OK
960 minute winter	FC17	525	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC10	Infiltration		0.0				0.0
960 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
960 minute winter	FC11	Infiltration		0.0				0.0
960 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
960 minute winter	FC12	Infiltration		0.0				0.0
960 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
960 minute winter	FC13	Infiltration		0.0				0.0
960 minute winter	FC14	15.000	J13	0.3	0.376	0.044	0.0052	
960 minute winter	FC14	Infiltration		0.0				0.0
960 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
960 minute winter	FC15	Infiltration		0.0				0.0
960 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
960 minute winter	FC16	Infiltration		0.0				0.0
960 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
960 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC18	540	186.602	0.052	0.2	0.0650	0.0000	OK
960 minute winter	FC19	540	186.504	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC20	540	187.049	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC21	540	186.404	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC22	585	186.499	0.049	0.2	0.4765	0.0000	OK
960 minute winter	FC23	525	186.350	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC24	540	186.399	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC25	540	186.649	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
960 minute winter	FC18	Infiltration		0.0				0.0
960 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
960 minute winter	FC19	Infiltration		0.0				0.0
960 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
960 minute winter	FC20	Infiltration		0.0				0.0
960 minute winter	FC21	22.000	J19	0.3	0.392	0.051	0.0349	
960 minute winter	FC21	Infiltration		0.0				0.0
960 minute winter	FC22	23.000	S17	0.2	0.221	0.013	0.0192	
960 minute winter	FC22	Infiltration		0.0				0.0
960 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0211	
960 minute winter	FC23	Infiltration		0.0				0.0
960 minute winter	FC24	25.000	J21	0.3	0.706	0.022	0.0213	
960 minute winter	FC24	Infiltration		0.0				0.0
960 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0184	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC26	585	186.499	0.049	0.2	0.4944	0.0000	OK
960 minute winter	FC27	525	186.550	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC28	540	186.599	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC29	540	186.599	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC30	540	186.849	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC31	525	186.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC32	525	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC25	Infiltration		0.0				0.0
960 minute winter	FC26	27.000	J23	0.2	0.606	0.015	0.0180	
960 minute winter	FC26	Infiltration		0.0				0.0
960 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0181	
960 minute winter	FC27	Infiltration		0.0				0.0
960 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0174	
960 minute winter	FC28	Infiltration		0.0				0.0
960 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0189	
960 minute winter	FC29	Infiltration		0.0				0.0
960 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0018	
960 minute winter	FC30	Infiltration		0.0				0.0
960 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0047	
960 minute winter	FC31	Infiltration		0.0				0.0
960 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0052	
960 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC33	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC34	540	186.554	0.103	0.3	0.1336	0.0000	SURCHARGED
960 minute winter	FC35	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC36	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC37	540	185.971	0.171	0.4	0.2315	0.0000	SURCHARGED
960 minute winter	FC38	585	185.498	0.048	0.2	0.5804	0.0000	OK
960 minute winter	FC39	525	185.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC40	540	185.599	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
960 minute winter	FC33	Infiltration		0.0				0.0
960 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
960 minute winter	FC34	Infiltration		0.0				0.0
960 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
960 minute winter	FC35	Infiltration		0.0				0.0
960 minute winter	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
960 minute winter	FC36	Infiltration		0.0				0.0
960 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0047	
960 minute winter	FC37	Infiltration		0.0				0.0
960 minute winter	FC38	40.000	J34	0.2	0.581	0.016	0.0016	
960 minute winter	FC38	Infiltration		0.0				0.0
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
960 minute winter	FC39	Infiltration		0.0				0.0
960 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC41	540	184.950	0.100	0.3	0.1291	0.0000	SURCHARGED
960 minute winter	FC42	540	184.701	0.101	0.3	0.1306	0.0000	SURCHARGED
960 minute winter	FC43	540	184.700	0.100	0.3	0.1293	0.0000	SURCHARGED
960 minute winter	FC44	405	184.610	0.010	0.2	0.0122	0.0000	OK
960 minute winter	FC45	525	184.650	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC46	540	184.875	0.174	0.4	0.2357	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	540	184.899	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC40	Infiltration		0.0				0.0
960 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
960 minute winter	FC41	Infiltration		0.0				0.0
960 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
960 minute winter	FC42	Infiltration		0.0				0.0
960 minute winter	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
960 minute winter	FC43	Infiltration		0.0				0.0
960 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
960 minute winter	FC44	Infiltration		0.0				0.0
960 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
960 minute winter	FC45	Infiltration		0.0				0.0
960 minute winter	FC46	48.000	S20	0.4	0.419	0.067	0.0057	
960 minute winter	FC46	Infiltration		0.0				0.0
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024	
960 minute winter	FC48	50.000	J42	0.3	0.341	0.021	0.0046	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC49	540	184.904	0.104	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC50	540	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
960 minute winter	FC51	540	184.954	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC52	540	185.350	0.100	0.3	0.1294	0.0000	SURCHARGED
960 minute winter	FC53	540	185.351	0.101	0.3	0.1301	0.0000	SURCHARGED
960 minute winter	FC54	525	185.300	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC55	525	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC48	Infiltration		0.0				0.0
960 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
960 minute winter	FC49	Infiltration		0.0				0.0
960 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
960 minute winter	FC50	Infiltration		0.0				0.0
960 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
960 minute winter	FC51	Infiltration		0.0				0.0
960 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
960 minute winter	FC52	Infiltration		0.0				0.0
960 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
960 minute winter	FC53	Infiltration		0.0				0.0
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
960 minute winter	FC54	Infiltration		0.0				0.0
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
960 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC56	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC57	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC58	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC59	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC60	540	185.449	0.099	0.3	0.1282	0.0000	OK
960 minute winter	FC61	540	185.401	0.101	0.3	0.1305	0.0000	SURCHARGED
960 minute winter	FC62	540	185.422	0.172	0.4	0.2328	0.0000	SURCHARGED
960 minute winter	FC63	540	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
960 minute winter	FC56	Infiltration		0.0				0.0
960 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
960 minute winter	FC57	Infiltration		0.0				0.0
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
960 minute winter	FC58	Infiltration		0.0				0.0
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
960 minute winter	FC59	Infiltration		0.0				0.0
960 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
960 minute winter	FC60	Infiltration		0.0				0.0
960 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
960 minute winter	FC61	Infiltration		0.0				0.0
960 minute winter	FC62	63.000	J52	0.4	0.512	0.052	0.0073	
960 minute winter	FC62	Infiltration		0.0				0.0
960 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0020	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC64	540	185.202	0.052	0.2	0.0648	0.0000	OK
960 minute winter	FC65	540	185.250	0.100	0.3	0.1294	0.0000	SURCHARGED
960 minute winter	FC66	540	185.103	0.103	0.3	0.1326	0.0000	SURCHARGED
960 minute winter	FC67	585	184.851	0.051	0.2	0.5212	0.0000	OK
960 minute winter	FC68	525	184.600	0.050	0.2	0.0628	0.0000	OK
960 minute winter	J1	540	188.230	0.030	1.5	0.0445	0.0000	OK
960 minute winter	J2	540	188.100	0.044	1.8	0.0499	0.0000	OK
960 minute winter	J3	540	188.092	0.042	2.2	0.0470	0.0000	OK
960 minute winter	J4	540	188.068	0.029	2.4	0.0326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC63	Infiltration		0.0				0.0
960 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0029	
960 minute winter	FC64	Infiltration		0.0				0.0
960 minute winter	FC65	67.000	J55	0.3	0.276	0.031	0.0028	
960 minute winter	FC65	Infiltration		0.0				0.0
960 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
960 minute winter	FC66	Infiltration		0.0				0.0
960 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012	
960 minute winter	FC67	Infiltration		0.0				0.0
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
960 minute winter	FC68	Infiltration		0.0				0.0
960 minute winter	J1	1.001	J2	1.5	0.777	0.181	0.0097	
960 minute winter	J2	1.002	J3	1.8	0.434	0.134	0.0043	
960 minute winter	J3	1.003	J4	2.2	0.700	0.166	0.0062	
960 minute winter	J4	1.004	J5	2.4	1.063	0.070	0.0080	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J5	540	187.937	0.027	2.7	0.0306	0.0000	OK
960 minute winter	J6	540	187.687	0.037	2.9	0.0415	0.0000	OK
960 minute winter	J7	540	187.571	0.046	3.1	0.0523	0.0000	OK
960 minute winter	J8	510	187.551	0.030	3.5	0.0340	0.0000	OK
960 minute winter	J9	540	187.325	0.050	3.6	0.0560	0.0000	OK
960 minute winter	J10	540	187.298	0.028	4.0	0.0319	0.0000	OK
960 minute winter	J11	540	187.160	0.039	4.3	0.0445	0.0000	OK
960 minute winter	J12	495	186.859	0.050	6.3	0.0562	0.0000	OK
960 minute winter	J13	495	186.707	0.080	6.5	0.0905	0.0000	OK
960 minute winter	J14	495	186.698	0.076	6.7	0.0858	0.0000	OK
960 minute winter	J15	495	186.685	0.068	6.9	0.0769	0.0000	OK
960 minute winter	J16	495	186.656	0.051	7.1	0.0574	0.0000	OK
960 minute winter	J17	750	186.328	0.045	7.3	0.0512	0.0000	OK
960 minute winter	J18	720	186.324	0.199	8.9	0.2254	0.0000	OK
960 minute winter	J19	750	186.329	0.302	20.1	0.3410	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J5	1.005	J6	2.7	0.990	0.071	0.0156	
960 minute winter	J6	1.006	J7	2.9	0.949	0.102	0.0060	
960 minute winter	J7	1.007	J8	3.2	0.733	0.106	0.0051	
960 minute winter	J8	1.008	J9	3.4	0.723	0.038	0.0406	
960 minute winter	J9	1.009	J10	3.6	0.789	0.108	0.0056	
960 minute winter	J10	1.010	J11	4.0	1.076	0.031	0.0092	
960 minute winter	J11	1.011	S2	4.3	0.569	0.067	0.0420	
960 minute winter	J12	1.013	J13	6.3	1.018	0.094	0.0400	
960 minute winter	J13	1.014	J14	6.5	0.450	0.115	0.0275	
960 minute winter	J14	1.015	J15	6.7	0.520	0.119	0.0248	
960 minute winter	J15	1.016	J16	6.9	0.704	0.130	0.0508	
960 minute winter	J16	1.017	J17	7.1	0.982	0.050	0.0244	
960 minute winter	J17	1.018	S3	7.3	0.887	0.024	0.0479	
960 minute winter	J18	1.020	J19	19.9	0.798	0.069	0.0891	
960 minute winter	J19	1.021	S4	9.9	0.625	0.180	0.3095	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J20	735	186.323	0.292	1.3	0.3305	0.0000	SURCHARGED
960 minute winter	J21	735	186.323	0.314	1.6	0.3553	0.0000	SURCHARGED
960 minute winter	J22	735	186.323	0.360	1.9	0.4071	0.0000	SURCHARGED
960 minute winter	J23	735	186.323	0.381	2.1	0.4309	0.0000	SURCHARGED
960 minute winter	J24	735	186.323	0.506	3.2	0.5721	0.0000	SURCHARGED
960 minute winter	J25	735	186.323	0.527	3.4	0.5964	0.0000	SURCHARGED
960 minute winter	J26	750	186.323	0.544	3.7	0.6156	0.0000	SURCHARGED
960 minute winter	J27	735	186.323	0.587	4.8	0.6644	0.0000	SURCHARGED
960 minute winter	J28	510	186.384	0.028	1.0	0.0318	0.0000	OK
960 minute winter	J29	495	186.303	0.032	1.2	0.0362	0.0000	OK
960 minute winter	J30	525	186.195	0.048	2.6	0.0540	0.0000	OK
960 minute winter	J31	525	186.093	0.049	2.9	0.0553	0.0000	OK
960 minute winter	J32	525	186.059	0.048	3.2	0.0547	0.0000	OK
960 minute winter	J33	525	185.567	0.031	4.4	0.0356	0.0000	OK
960 minute winter	J34	525	185.185	0.059	5.5	0.0673	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J20	23.002	J21	1.3	0.423	0.096	0.0665	
960 minute winter	J21	23.003	J22	1.6	0.448	0.119	0.1411	
960 minute winter	J22	23.004	J23	1.9	0.479	0.140	0.0633	
960 minute winter	J23	23.005	S18	2.1	0.540	0.155	0.1321	
960 minute winter	J24	23.007	J25	3.1	0.419	0.105	0.2458	
960 minute winter	J25	23.008	J26	3.4	0.412	0.114	0.1975	
960 minute winter	J26	23.009	S19	5.3	0.418	0.175	0.1474	
960 minute winter	J27	23.011	S4	10.1	0.561	0.337	0.0951	
960 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175	
960 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097	
960 minute winter	J30	32.004	J31	2.6	0.564	0.196	0.0230	
960 minute winter	J31	32.005	J32	2.9	0.461	0.097	0.0613	
960 minute winter	J32	32.006	S13	3.2	0.674	0.106	0.0255	
960 minute winter	J33	32.008	S14	4.4	0.844	0.042	0.0482	
960 minute winter	J34	32.010	J35	5.5	0.864	0.142	0.0580	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J35	525	185.114	0.038	5.7	0.0435	0.0000	OK
960 minute winter	J36	525	184.938	0.063	6.0	0.0716	0.0000	OK
960 minute winter	J37	525	184.566	0.066	7.2	0.0750	0.0000	OK
960 minute winter	J38	525	184.384	0.084	8.4	0.0946	0.0000	OK
960 minute winter	J39	525	184.352	0.077	8.7	0.0876	0.0000	OK
960 minute winter	J40	525	184.329	0.064	8.9	0.0721	0.0000	OK
960 minute winter	J41	540	184.615	0.018	0.4	0.0199	0.0000	OK
960 minute winter	J42	540	184.561	0.024	0.7	0.0269	0.0000	OK
960 minute winter	J43	495	184.423	0.043	1.9	0.0487	0.0000	OK
960 minute winter	J44	495	184.411	0.041	2.1	0.0468	0.0000	OK
960 minute winter	J45	495	184.365	0.045	2.3	0.0514	0.0000	OK
960 minute winter	J46	495	184.282	0.060	3.4	0.0674	0.0000	OK
960 minute winter	J47	495	184.274	0.067	3.6	0.0760	0.0000	OK
960 minute winter	J48	495	184.261	0.067	4.8	0.0762	0.0000	OK
960 minute winter	J49	495	184.247	0.078	5.1	0.0883	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J35	32.011	J36	5.7	0.848	0.064	0.0468	
960 minute winter	J36	32.012	S15	6.0	0.834	0.200	0.0172	
960 minute winter	J37	32.014	S16	7.2	0.939	0.130	0.0409	
960 minute winter	J38	32.016	J39	8.4	0.552	0.155	0.1645	
960 minute winter	J39	32.017	J40	8.7	0.689	0.159	0.0462	
960 minute winter	J40	32.018	S10	8.9	0.850	0.089	0.1001	
960 minute winter	J41	48.002	J42	0.4	0.342	0.067	0.0073	
960 minute winter	J42	48.003	S21	0.7	0.499	0.119	0.0115	
960 minute winter	J43	48.005	J44	1.9	0.467	0.136	0.0065	
960 minute winter	J44	48.006	J45	2.1	0.497	0.157	0.0371	
960 minute winter	J45	48.007	S22	2.3	0.542	0.169	0.0101	
960 minute winter	J46	48.009	J47	3.4	0.371	0.110	0.0386	
960 minute winter	J47	48.010	S23	3.6	0.348	0.119	0.0273	
960 minute winter	J48	48.012	J49	4.8	0.433	0.160	0.0826	
960 minute winter	J49	48.013	J50	5.1	0.429	0.166	0.0135	

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J50	495	184.240	0.075	5.4	0.0845	0.0000	OK
960 minute winter	J51	495	184.228	0.079	5.6	0.0899	0.0000	OK
960 minute winter	J52	495	184.219	0.075	6.0	0.0844	0.0000	OK
960 minute winter	J53	495	184.199	0.072	6.2	0.0812	0.0000	OK
960 minute winter	J54	495	185.160	0.031	1.1	0.0350	0.0000	OK
960 minute winter	J55	495	185.124	0.030	1.4	0.0340	0.0000	OK
960 minute winter	J56	495	184.096	0.089	8.8	0.1004	0.0000	OK
960 minute winter	J57	495	184.075	0.090	9.0	0.1020	0.0000	OK
960 minute winter	BASIN 1	750	186.322	1.397	14.3	186.5366	0.0000	SURCHARGED
960 minute winter	BASIN 2	750	184.853	0.553	4.2	55.9703	0.0000	OK
960 minute winter	BASIN 3	1200	183.612	0.512	13.5	404.4368	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J50	48.014	J51	5.4	0.449	0.180	0.0609	
960 minute winter	J51	48.015	J52	5.6	0.466	0.182	0.0136	
960 minute winter	J52	48.016	J53	6.0	0.536	0.196	0.0545	
960 minute winter	J53	48.017	S24	6.2	0.616	0.205	0.1031	
960 minute winter	J54	65.002	J55	1.1	0.546	0.186	0.0073	
960 minute winter	J55	65.003	S24	1.4	0.725	0.184	0.0152	
960 minute winter	J56	48.019	J57	8.8	0.498	0.162	0.1600	
960 minute winter	J57	48.020	S25	9.0	0.517	0.164	0.1158	
960 minute winter	BASIN 1	1.023	S5	4.1	0.106	0.049	0.9418	
960 minute winter	BASIN 1	Infiltration		0.1				6.7
960 minute winter	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1557	
960 minute winter	BASIN 2	71.000	BH1	0.9	0.495	0.153	0.1829	
960 minute winter	BASIN 2	Infiltration		0.0				0.0
960 minute winter	BASIN 3	1.034	BH2	2.9	0.449	0.023	1.8265	
960 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	BASIN 4	960	184.072	0.742	10.7	227.7977	0.0000	SURCHARGED
960 minute winter	SWALE 1	750	184.930	0.056	4.1	0.0801	0.0000	OK
960 minute winter	SWALE 2	750	184.431	0.056	4.1	0.0803	0.0000	OK
960 minute winter	SWALE 3	555	184.075	0.080	12.4	0.1149	0.0000	OK
960 minute winter	BH1	750	184.853	0.776	0.9	3.0508	0.0000	OK
960 minute winter	BH2	1200	183.612	0.529	2.9	4.2335	0.0000	OK
960 minute winter	BH3	960	184.072	0.753	0.6	5.1177	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	BASIN 4	48.022	BH3	0.6	0.350	0.012	0.3211	
960 minute winter	BASIN 4	Infiltration		0.0				0.0
960 minute winter	SWALE 1	1.025	S6	4.1	0.387	0.049	0.3978	
960 minute winter	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1916	
960 minute winter	SWALE 3	1.033	BASIN 3	12.4	0.729	0.099	0.7334	
960 minute winter	BH1	Infiltration		0.1				6.0
960 minute winter	BH2	Infiltration		0.2				6.6
960 minute winter	BH3	Infiltration		0.2				11.6

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.389	0.019	0.7	0.0282	0.0000	OK
1440 minute summer	S2	750	187.114	0.075	6.5	0.1305	0.0000	OK
1440 minute summer	S3	990	186.279	0.142	8.8	0.1883	0.0000	OK
1440 minute summer	S4	1020	186.279	0.901	14.8	1.1556	0.0000	SURCHARGED
1440 minute summer	S5	990	186.278	1.368	4.0	1.9578	0.0000	SURCHARGED
1440 minute summer	S6	1020	184.866	0.058	4.0	0.0827	0.0000	OK
1440 minute summer	S7	1020	184.789	0.030	4.0	0.0431	0.0000	OK
1440 minute summer	S8	1020	184.362	0.032	4.0	0.0462	0.0000	OK
1440 minute summer	S9	810	184.181	0.056	4.0	0.0805	0.0000	OK
1440 minute summer	S10	780	184.169	0.056	13.3	0.1021	0.0000	OK
1440 minute summer	S11	750	186.427	0.027	0.9	0.0431	0.0000	OK
1440 minute summer	S12	750	186.223	0.047	2.5	0.0700	0.0000	OK
1440 minute summer	S13	750	186.026	0.033	4.3	0.0489	0.0000	OK
1440 minute summer	S14	750	185.231	0.056	5.8	0.0889	0.0000	OK
1440 minute summer	S15	750	184.912	0.045	7.5	0.0711	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S1	1.000	J1	0.7	0.439	0.080	0.0133	
1440 minute summer	S2	1.012	J12	6.5	0.612	0.217	0.0158	
1440 minute summer	S3	1.019	J18	8.8	0.893	0.165	0.1773	
1440 minute summer	S4	1.022	BASIN 1	14.7	0.845	0.088	1.1778	
1440 minute summer	S5	1.024	SWALE 1	4.0	0.390	0.048	0.2091	
1440 minute summer	S6	1.026	BASIN 2	4.0	0.440	0.046	0.0596	
1440 minute summer	S7	1.028	SWALE 2	4.0	0.580	0.013	0.1194	
1440 minute summer	S8	1.030	S9	4.0	0.604	0.015	0.0887	
1440 minute summer	S9	1.031	S10	4.0	0.605	0.048	0.0681	
1440 minute summer	S10	1.032	SWALE 3	13.3	0.944	0.040	0.0620	
1440 minute summer	S11	32.000	J28	0.9	0.490	0.151	0.0083	
1440 minute summer	S12	32.003	J30	2.5	0.508	0.187	0.0250	
1440 minute summer	S13	32.007	J33	4.3	1.208	0.044	0.0463	
1440 minute summer	S14	32.009	J34	5.8	0.695	0.114	0.0436	
1440 minute summer	S15	32.013	J37	7.5	1.360	0.081	0.0513	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.522	0.035	8.8	0.0533	0.0000	OK
1440 minute summer	S17	990	186.280	0.130	1.1	0.2063	0.0000	SURCHARGED
1440 minute summer	S18	990	186.279	0.455	3.0	0.6727	0.0000	SURCHARGED
1440 minute summer	S19	990	186.279	0.513	4.6	0.7388	0.0000	SURCHARGED
1440 minute summer	S20	750	184.662	0.020	0.5	0.0225	0.0000	OK
1440 minute summer	S21	750	184.447	0.038	1.7	0.0503	0.0000	OK
1440 minute summer	S22	750	184.290	0.059	3.3	0.0764	0.0000	OK
1440 minute summer	S23	750	184.270	0.072	4.6	0.0927	0.0000	OK
1440 minute summer	S24	750	184.110	0.093	8.8	0.1220	0.0000	OK
1440 minute summer	S25	1470	184.084	0.114	9.8	0.1582	0.0000	OK
1440 minute summer	S26	750	185.397	0.020	0.9	0.0295	0.0000	OK
1440 minute summer	FC1	780	188.353	0.103	0.3	0.1331	0.0000	SURCHARGED
1440 minute summer	FC2	780	188.254	0.104	0.3	0.1340	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S16	32.015	J38	8.8	0.855	0.028	0.0248	
1440 minute summer	S17	23.001	J20	1.1	0.565	0.184	0.0560	
1440 minute summer	S18	23.006	J24	2.9	0.409	0.092	0.0729	
1440 minute summer	S19	23.010	J27	4.6	0.497	0.154	0.3541	
1440 minute summer	S20	48.001	J41	0.5	0.449	0.082	0.0050	
1440 minute summer	S21	48.004	J43	1.7	0.432	0.126	0.0199	
1440 minute summer	S22	48.008	J46	3.3	0.390	0.104	0.0205	
1440 minute summer	S23	48.011	J48	4.6	0.435	0.149	0.0118	
1440 minute summer	S24	48.018	J56	8.8	0.484	0.164	0.0768	
1440 minute summer	S25	48.021	BASIN 4	9.8	0.641	0.185	0.0999	
1440 minute summer	S26	65.001	J54	0.9	0.574	0.087	0.0135	
1440 minute summer	FC1	2.000	J1	0.3	0.226	0.048	0.0070	
1440 minute summer	FC1	Infiltration		0.0				0.0
1440 minute summer	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
1440 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC3	750	188.450	0.250	0.5	0.3383	0.0000	SURCHARGED
1440 minute summer	FC4	810	188.251	0.051	0.2	0.0633	0.0000	OK
1440 minute summer	FC5	780	188.104	0.104	0.3	0.1341	0.0000	SURCHARGED
1440 minute summer	FC6	810	187.900	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC7	810	187.801	0.051	0.2	0.0637	0.0000	OK
1440 minute summer	FC8	780	187.851	0.101	0.3	0.1298	0.0000	SURCHARGED
1440 minute summer	FC9	810	187.522	0.052	0.2	0.0650	0.0000	OK
1440 minute summer	FC10	750	187.720	0.250	0.5	0.3377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC3	4.000	J3	0.5	0.469	0.078	0.0097	
1440 minute summer	FC3	Infiltration		0.0				0.0
1440 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
1440 minute summer	FC4	Infiltration		0.0				0.0
1440 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
1440 minute summer	FC5	Infiltration		0.0				0.0
1440 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
1440 minute summer	FC6	Infiltration		0.0				0.0
1440 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
1440 minute summer	FC7	Infiltration		0.0				0.0
1440 minute summer	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
1440 minute summer	FC8	Infiltration		0.0				0.0
1440 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
1440 minute summer	FC9	Infiltration		0.0				0.0
1440 minute summer	FC10	11.000	J10	0.5	0.487	0.073	0.0062	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC11	780	187.424	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC12	780	187.334	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC13	780	187.104	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC14	780	186.979	0.079	0.3	1.0061	0.0000	OK
1440 minute summer	FC15	810	187.250	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC16	810	186.952	0.052	0.2	0.0645	0.0000	OK
1440 minute summer	FC17	810	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC10	Infiltration		0.0				0.0
1440 minute summer	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
1440 minute summer	FC11	Infiltration		0.0				0.0
1440 minute summer	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
1440 minute summer	FC12	Infiltration		0.0				0.0
1440 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
1440 minute summer	FC13	Infiltration		0.0				0.0
1440 minute summer	FC14	15.000	J13	0.3	0.375	0.043	0.0052	
1440 minute summer	FC14	Infiltration		0.0				0.0
1440 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
1440 minute summer	FC15	Infiltration		0.0				0.0
1440 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
1440 minute summer	FC16	Infiltration		0.0				0.0
1440 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
1440 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC18	810	186.602	0.052	0.2	0.0650	0.0000	OK
1440 minute summer	FC19	780	186.504	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC20	780	187.049	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC21	780	186.404	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC22	810	186.498	0.048	0.2	0.4687	0.0000	OK
1440 minute summer	FC23	810	186.350	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC24	780	186.399	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC25	780	186.649	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
1440 minute summer	FC18	Infiltration		0.0				0.0
1440 minute summer	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
1440 minute summer	FC19	Infiltration		0.0				0.0
1440 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
1440 minute summer	FC20	Infiltration		0.0				0.0
1440 minute summer	FC21	22.000	J19	0.3	0.392	0.051	0.0167	
1440 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.2	0.235	0.013	0.0191	
1440 minute summer	FC22	Infiltration		0.0				0.0
1440 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0184	
1440 minute summer	FC23	Infiltration		0.0				0.0
1440 minute summer	FC24	25.000	J21	0.3	0.706	0.022	0.0189	
1440 minute summer	FC24	Infiltration		0.0				0.0
1440 minute summer	FC25	26.000	J22	0.3	0.776	0.019	0.0095	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	810	186.498	0.048	0.2	0.4857	0.0000	OK
1440 minute summer	FC27	810	186.550	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC28	780	186.599	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC29	780	186.599	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC30	780	186.849	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC31	810	186.500	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC32	810	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.2	0.604	0.015	0.0093	
1440 minute summer	FC26	Infiltration		0.0				0.0
1440 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0181	
1440 minute summer	FC27	Infiltration		0.0				0.0
1440 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0147	
1440 minute summer	FC28	Infiltration		0.0				0.0
1440 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0160	
1440 minute summer	FC29	Infiltration		0.0				0.0
1440 minute summer	FC30	31.000	J27	0.3	0.728	0.021	0.0018	
1440 minute summer	FC30	Infiltration		0.0				0.0
1440 minute summer	FC31	33.000	J28	0.2	0.215	0.022	0.0050	
1440 minute summer	FC31	Infiltration		0.0				0.0
1440 minute summer	FC32	34.000	J29	0.2	0.194	0.016	0.0055	
1440 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC33	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC34	780	186.554	0.103	0.3	0.1336	0.0000	SURCHARGED
1440 minute summer	FC35	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC36	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC37	750	186.048	0.248	0.5	0.3345	0.0000	SURCHARGED
1440 minute summer	FC38	810	185.497	0.047	0.2	0.5667	0.0000	OK
1440 minute summer	FC39	810	185.500	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC40	780	185.599	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
1440 minute summer	FC33	Infiltration		0.0				0.0
1440 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
1440 minute summer	FC34	Infiltration		0.0				0.0
1440 minute summer	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
1440 minute summer	FC35	Infiltration		0.0				0.0
1440 minute summer	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
1440 minute summer	FC36	Infiltration		0.0				0.0
1440 minute summer	FC37	39.000	J33	0.5	0.597	0.055	0.0053	
1440 minute summer	FC37	Infiltration		0.0				0.0
1440 minute summer	FC38	40.000	J34	0.2	0.579	0.015	0.0016	
1440 minute summer	FC38	Infiltration		0.0				0.0
1440 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
1440 minute summer	FC39	Infiltration		0.0				0.0
1440 minute summer	FC40	42.000	J36	0.3	0.888	0.016	0.0017	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC41	780	184.950	0.100	0.3	0.1291	0.0000	SURCHARGED
1440 minute summer	FC42	780	184.701	0.101	0.3	0.1306	0.0000	SURCHARGED
1440 minute summer	FC43	780	184.700	0.100	0.3	0.1292	0.0000	SURCHARGED
1440 minute summer	FC44	690	184.610	0.010	0.2	0.0122	0.0000	OK
1440 minute summer	FC45	810	184.650	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC46	750	184.951	0.251	0.5	0.3390	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	780	184.899	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC40	Infiltration		0.0				0.0
1440 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
1440 minute summer	FC41	Infiltration		0.0				0.0
1440 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
1440 minute summer	FC42	Infiltration		0.0				0.0
1440 minute summer	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
1440 minute summer	FC43	Infiltration		0.0				0.0
1440 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
1440 minute summer	FC44	Infiltration		0.0				0.0
1440 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
1440 minute summer	FC45	Infiltration		0.0				0.0
1440 minute summer	FC46	48.000	S20	0.5	0.442	0.082	0.0066	
1440 minute summer	FC46	Infiltration		0.0				0.0
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
1440 minute summer	FC48	50.000	J42	0.3	0.332	0.021	0.0049	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC49	780	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
1440 minute summer	FC50	780	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
1440 minute summer	FC51	780	184.954	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC52	780	185.350	0.100	0.3	0.1294	0.0000	SURCHARGED
1440 minute summer	FC53	780	185.351	0.101	0.3	0.1301	0.0000	SURCHARGED
1440 minute summer	FC54	810	185.300	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC55	810	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC48	Infiltration		0.0				0.0
1440 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
1440 minute summer	FC49	Infiltration		0.0				0.0
1440 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
1440 minute summer	FC50	Infiltration		0.0				0.0
1440 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
1440 minute summer	FC51	Infiltration		0.0				0.0
1440 minute summer	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
1440 minute summer	FC52	Infiltration		0.0				0.0
1440 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
1440 minute summer	FC53	Infiltration		0.0				0.0
1440 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
1440 minute summer	FC54	Infiltration		0.0				0.0
1440 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
1440 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC56	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC57	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC58	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC59	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	FC60	780	185.449	0.099	0.3	0.1282	0.0000	OK
1440 minute summer	FC61	780	185.401	0.101	0.3	0.1305	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.499	0.249	0.5	0.3359	0.0000	SURCHARGED
1440 minute summer	FC63	810	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
1440 minute summer	FC56	Infiltration		0.0				0.0
1440 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
1440 minute summer	FC57	Infiltration		0.0				0.0
1440 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
1440 minute summer	FC58	Infiltration		0.0				0.0
1440 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
1440 minute summer	FC59	Infiltration		0.0				0.0
1440 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
1440 minute summer	FC60	Infiltration		0.0				0.0
1440 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
1440 minute summer	FC61	Infiltration		0.0				0.0
1440 minute summer	FC62	63.000	J52	0.5	0.541	0.063	0.0084	
1440 minute summer	FC62	Infiltration		0.0				0.0
1440 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0020	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC64	810	185.202	0.052	0.2	0.0648	0.0000	OK
1440 minute summer	FC65	780	185.250	0.100	0.3	0.1294	0.0000	SURCHARGED
1440 minute summer	FC66	780	185.103	0.103	0.3	0.1326	0.0000	SURCHARGED
1440 minute summer	FC67	810	184.850	0.050	0.2	0.5096	0.0000	OK
1440 minute summer	FC68	810	184.600	0.050	0.2	0.0628	0.0000	OK
1440 minute summer	J1	750	188.232	0.032	1.7	0.0477	0.0000	OK
1440 minute summer	J2	750	188.103	0.047	2.0	0.0531	0.0000	OK
1440 minute summer	J3	750	188.094	0.044	2.5	0.0500	0.0000	OK
1440 minute summer	J4	750	188.070	0.031	2.7	0.0346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC63	Infiltration		0.0				0.0
1440 minute summer	FC64	66.000	J54	0.2	0.177	0.034	0.0029	
1440 minute summer	FC64	Infiltration		0.0				0.0
1440 minute summer	FC65	67.000	J55	0.3	0.275	0.031	0.0028	
1440 minute summer	FC65	Infiltration		0.0				0.0
1440 minute summer	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
1440 minute summer	FC66	Infiltration		0.0				0.0
1440 minute summer	FC67	69.000	J56	0.2	0.337	0.033	0.0012	
1440 minute summer	FC67	Infiltration		0.0				0.0
1440 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
1440 minute summer	FC68	Infiltration		0.0				0.0
1440 minute summer	J1	1.001	J2	1.7	0.803	0.205	0.0106	
1440 minute summer	J2	1.002	J3	2.0	0.446	0.149	0.0047	
1440 minute summer	J3	1.003	J4	2.5	0.726	0.187	0.0067	
1440 minute summer	J4	1.004	J5	2.7	1.100	0.079	0.0086	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J5	750	187.938	0.028	3.0	0.0321	0.0000	OK
1440 minute summer	J6	750	187.689	0.039	3.2	0.0437	0.0000	OK
1440 minute summer	J7	750	187.573	0.048	3.4	0.0546	0.0000	OK
1440 minute summer	J8	750	187.552	0.031	3.8	0.0352	0.0000	OK
1440 minute summer	J9	750	187.326	0.051	3.9	0.0581	0.0000	OK
1440 minute summer	J10	750	187.300	0.030	4.4	0.0335	0.0000	OK
1440 minute summer	J11	750	187.162	0.041	4.7	0.0462	0.0000	OK
1440 minute summer	J12	750	186.861	0.052	6.8	0.0584	0.0000	OK
1440 minute summer	J13	750	186.710	0.083	7.0	0.0938	0.0000	OK
1440 minute summer	J14	750	186.701	0.078	7.2	0.0887	0.0000	OK
1440 minute summer	J15	750	186.687	0.070	7.4	0.0794	0.0000	OK
1440 minute summer	J16	750	186.658	0.053	7.6	0.0594	0.0000	OK
1440 minute summer	J17	750	186.318	0.035	7.8	0.0396	0.0000	OK
1440 minute summer	J18	1020	186.279	0.154	16.1	0.1746	0.0000	OK
1440 minute summer	J19	990	186.278	0.251	9.6	0.2839	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J5	1.005	J6	3.0	1.019	0.078	0.0167	
1440 minute summer	J6	1.006	J7	3.2	0.972	0.112	0.0065	
1440 minute summer	J7	1.007	J8	3.5	0.746	0.112	0.0054	
1440 minute summer	J8	1.008	J9	3.7	0.740	0.041	0.0428	
1440 minute summer	J9	1.009	J10	3.9	0.801	0.116	0.0059	
1440 minute summer	J10	1.010	J11	4.4	1.104	0.034	0.0098	
1440 minute summer	J11	1.011	S2	4.7	0.575	0.073	0.0444	
1440 minute summer	J12	1.013	J13	6.8	1.038	0.101	0.0422	
1440 minute summer	J13	1.014	J14	7.0	0.460	0.124	0.0289	
1440 minute summer	J14	1.015	J15	7.2	0.531	0.128	0.0260	
1440 minute summer	J15	1.016	J16	7.4	0.717	0.139	0.0533	
1440 minute summer	J16	1.017	J17	7.6	0.998	0.053	0.0256	
1440 minute summer	J17	1.018	S3	7.8	0.898	0.025	0.0326	
1440 minute summer	J18	1.020	J19	-10.3	0.809	-0.036	0.0739	
1440 minute summer	J19	1.021	S4	10.0	0.636	0.181	0.2821	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	990	186.279	0.248	1.3	0.2809	0.0000	SURCHARGED
1440 minute summer	J21	990	186.279	0.270	1.6	0.3058	0.0000	SURCHARGED
1440 minute summer	J22	990	186.279	0.316	1.9	0.3575	0.0000	SURCHARGED
1440 minute summer	J23	990	186.279	0.337	2.1	0.3811	0.0000	SURCHARGED
1440 minute summer	J24	990	186.279	0.462	3.1	0.5226	0.0000	SURCHARGED
1440 minute summer	J25	990	186.279	0.483	3.4	0.5457	0.0000	SURCHARGED
1440 minute summer	J26	990	186.279	0.500	3.7	0.5650	0.0000	SURCHARGED
1440 minute summer	J27	990	186.279	0.543	8.3	0.6146	0.0000	SURCHARGED
1440 minute summer	J28	750	186.386	0.030	1.1	0.0335	0.0000	OK
1440 minute summer	J29	750	186.305	0.033	1.3	0.0379	0.0000	OK
1440 minute summer	J30	750	186.197	0.050	2.8	0.0562	0.0000	OK
1440 minute summer	J31	750	186.095	0.051	3.1	0.0573	0.0000	OK
1440 minute summer	J32	750	186.061	0.050	3.4	0.0563	0.0000	OK
1440 minute summer	J33	750	185.568	0.033	4.8	0.0371	0.0000	OK
1440 minute summer	J34	750	185.187	0.062	6.0	0.0701	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.3	0.423	0.095	0.0665	
1440 minute summer	J21	23.003	J22	1.6	0.448	0.118	0.1411	
1440 minute summer	J22	23.004	J23	1.9	0.480	0.140	0.0633	
1440 minute summer	J23	23.005	S18	2.1	0.539	0.155	0.1321	
1440 minute summer	J24	23.007	J25	3.1	0.421	0.104	0.2458	
1440 minute summer	J25	23.008	J26	3.4	0.416	0.114	0.1975	
1440 minute summer	J26	23.009	S19	4.1	0.420	0.133	0.1474	
1440 minute summer	J27	23.011	S4	4.9	0.569	0.165	0.0951	
1440 minute summer	J28	32.001	J29	1.1	0.521	0.186	0.0187	
1440 minute summer	J29	32.002	S12	1.3	0.587	0.219	0.0103	
1440 minute summer	J30	32.004	J31	2.8	0.575	0.211	0.0242	
1440 minute summer	J31	32.005	J32	3.1	0.471	0.103	0.0641	
1440 minute summer	J32	32.006	S13	3.4	0.684	0.113	0.0266	
1440 minute summer	J33	32.008	S14	4.8	0.860	0.046	0.0515	
1440 minute summer	J34	32.010	J35	6.0	0.886	0.155	0.0615	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J35	750	185.115	0.040	6.2	0.0453	0.0000	OK
1440 minute summer	J36	750	184.941	0.066	6.5	0.0744	0.0000	OK
1440 minute summer	J37	750	184.569	0.069	7.8	0.0777	0.0000	OK
1440 minute summer	J38	750	184.387	0.087	9.1	0.0985	0.0000	OK
1440 minute summer	J39	750	184.354	0.080	9.4	0.0910	0.0000	OK
1440 minute summer	J40	750	184.331	0.066	9.6	0.0749	0.0000	OK
1440 minute summer	J41	750	184.616	0.019	0.5	0.0219	0.0000	OK
1440 minute summer	J42	750	184.562	0.025	0.8	0.0285	0.0000	OK
1440 minute summer	J43	750	184.424	0.044	2.0	0.0499	0.0000	OK
1440 minute summer	J44	750	184.412	0.042	2.2	0.0479	0.0000	OK
1440 minute summer	J45	750	184.366	0.046	2.4	0.0524	0.0000	OK
1440 minute summer	J46	750	184.283	0.060	3.5	0.0684	0.0000	OK
1440 minute summer	J47	750	184.275	0.068	3.7	0.0769	0.0000	OK
1440 minute summer	J48	750	184.262	0.068	4.9	0.0771	0.0000	OK
1440 minute summer	J49	750	184.248	0.079	5.2	0.0893	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J35	32.011	J36	6.2	0.869	0.069	0.0495	
1440 minute summer	J36	32.012	S15	6.5	0.851	0.216	0.0182	
1440 minute summer	J37	32.014	S16	7.8	0.958	0.141	0.0433	
1440 minute summer	J38	32.016	J39	9.1	0.565	0.168	0.1737	
1440 minute summer	J39	32.017	J40	9.4	0.704	0.171	0.0488	
1440 minute summer	J40	32.018	S10	9.6	0.867	0.096	0.1055	
1440 minute summer	J41	48.002	J42	0.5	0.374	0.082	0.0081	
1440 minute summer	J42	48.003	S21	0.8	0.515	0.133	0.0124	
1440 minute summer	J43	48.005	J44	2.0	0.473	0.142	0.0067	
1440 minute summer	J44	48.006	J45	2.2	0.502	0.164	0.0381	
1440 minute summer	J45	48.007	S22	2.4	0.548	0.176	0.0104	
1440 minute summer	J46	48.009	J47	3.5	0.373	0.113	0.0393	
1440 minute summer	J47	48.010	S23	3.7	0.350	0.122	0.0277	
1440 minute summer	J48	48.012	J49	4.9	0.434	0.163	0.0839	
1440 minute summer	J49	48.013	J50	5.2	0.430	0.169	0.0137	

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J50	750	184.241	0.076	5.5	0.0855	0.0000	OK
1440 minute summer	J51	750	184.229	0.081	5.7	0.0911	0.0000	OK
1440 minute summer	J52	750	184.220	0.076	6.2	0.0857	0.0000	OK
1440 minute summer	J53	750	184.200	0.073	6.4	0.0824	0.0000	OK
1440 minute summer	J54	750	185.160	0.031	1.1	0.0350	0.0000	OK
1440 minute summer	J55	750	185.124	0.030	1.4	0.0340	0.0000	OK
1440 minute summer	J56	750	184.097	0.090	8.9	0.1015	0.0000	OK
1440 minute summer	J57	1470	184.084	0.099	9.1	0.1124	0.0000	OK
1440 minute summer	BASIN 1	990	186.278	1.353	15.2	178.9373	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1020	184.852	0.552	4.1	55.9241	0.0000	OK
1440 minute summer	BASIN 3	1680	183.739	0.639	14.5	461.4602	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J50	48.014	J51	5.5	0.448	0.183	0.0620	
1440 minute summer	J51	48.015	J52	5.7	0.464	0.185	0.0139	
1440 minute summer	J52	48.016	J53	6.2	0.540	0.202	0.0556	
1440 minute summer	J53	48.017	S24	6.4	0.621	0.211	0.1052	
1440 minute summer	J54	65.002	J55	1.1	0.546	0.186	0.0073	
1440 minute summer	J55	65.003	S24	1.4	0.725	0.184	0.0152	
1440 minute summer	J56	48.019	J57	8.9	0.501	0.165	0.1623	
1440 minute summer	J57	48.020	S25	9.1	0.520	0.168	0.1376	
1440 minute summer	BASIN 1	1.023	S5	4.0	0.074	0.048	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				8.0
1440 minute summer	BASIN 2	1.027	S7	4.0	0.585	0.049	0.1541	
1440 minute summer	BASIN 2	71.000	BH1	0.6	0.486	0.110	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
1440 minute summer	BASIN 3	1.034	BH2	0.8	0.347	0.006	1.8265	
1440 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	BASIN 4	1470	184.084	0.754	10.9	232.0545	0.0000	SURCHARGED
1440 minute summer	SWALE 1	990	184.930	0.056	4.0	0.0794	0.0000	OK
1440 minute summer	SWALE 2	1020	184.431	0.056	4.0	0.0797	0.0000	OK
1440 minute summer	SWALE 3	780	184.078	0.083	13.3	0.1192	0.0000	OK
1440 minute summer	BH1	1020	184.852	0.775	0.6	3.0496	0.0000	OK
1440 minute summer	BH2	1680	183.739	0.656	0.8	4.8627	0.0000	OK
1440 minute summer	BH3	1470	184.084	0.765	0.4	5.1768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	BASIN 4	48.022	BH3	0.4	0.276	0.007	0.3211	
1440 minute summer	BASIN 4	Infiltration		0.0				0.0
1440 minute summer	SWALE 1	1.025	S6	4.0	0.386	0.048	0.3931	
1440 minute summer	SWALE 2	1.029	S8	4.0	0.559	0.049	0.1896	
1440 minute summer	SWALE 3	1.033	BASIN 3	13.3	0.745	0.106	0.7726	
1440 minute summer	BH1	Infiltration		0.1				8.6
1440 minute summer	BH2	Infiltration		0.2				9.3
1440 minute summer	BH3	Infiltration		0.2				16.1

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	750	188.386	0.016	0.5	0.0240	0.0000	OK
1440 minute winter	S2	750	187.102	0.063	4.6	0.1091	0.0000	OK
1440 minute winter	S3	1080	186.227	0.090	6.4	0.1191	0.0000	OK
1440 minute winter	S4	1080	186.230	0.852	10.7	1.0928	0.0000	SURCHARGED
1440 minute winter	S5	1050	186.228	1.318	3.9	1.8854	0.0000	SURCHARGED
1440 minute winter	S6	1080	184.865	0.057	3.9	0.0819	0.0000	OK
1440 minute winter	S7	1080	184.789	0.030	4.0	0.0427	0.0000	OK
1440 minute winter	S8	1080	184.362	0.032	4.0	0.0458	0.0000	OK
1440 minute winter	S9	870	184.180	0.055	4.0	0.0788	0.0000	OK
1440 minute winter	S10	780	184.164	0.051	11.1	0.0921	0.0000	OK
1440 minute winter	S11	720	186.422	0.022	0.6	0.0346	0.0000	OK
1440 minute winter	S12	780	186.215	0.039	1.8	0.0583	0.0000	OK
1440 minute winter	S13	780	186.020	0.027	3.0	0.0411	0.0000	OK
1440 minute winter	S14	780	185.221	0.046	4.0	0.0725	0.0000	OK
1440 minute winter	S15	780	184.905	0.038	5.3	0.0596	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0103	
1440 minute winter	S2	1.012	J12	4.6	0.558	0.154	0.0123	
1440 minute winter	S3	1.019	J18	6.4	0.837	0.120	0.1032	
1440 minute winter	S4	1.022	BASIN 1	10.6	0.732	0.063	1.1778	
1440 minute winter	S5	1.024	SWALE 1	3.9	0.388	0.047	0.2062	
1440 minute winter	S6	1.026	BASIN 2	3.9	0.434	0.045	0.0588	
1440 minute winter	S7	1.028	SWALE 2	4.0	0.577	0.013	0.1179	
1440 minute winter	S8	1.030	S9	4.0	0.601	0.015	0.0866	
1440 minute winter	S9	1.031	S10	4.0	0.608	0.047	0.0618	
1440 minute winter	S10	1.032	SWALE 3	11.1	0.907	0.034	0.0541	
1440 minute winter	S11	32.000	J28	0.6	0.433	0.101	0.0063	
1440 minute winter	S12	32.003	J30	1.8	0.471	0.135	0.0194	
1440 minute winter	S13	32.007	J33	3.0	1.090	0.031	0.0358	
1440 minute winter	S14	32.009	J34	4.0	0.630	0.079	0.0334	
1440 minute winter	S15	32.013	J37	5.3	1.235	0.057	0.0399	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	780	184.516	0.029	6.2	0.0441	0.0000	OK
1440 minute winter	S17	1050	186.229	0.079	0.8	0.1263	0.0000	OK
1440 minute winter	S18	1050	186.230	0.406	2.2	0.5993	0.0000	SURCHARGED
1440 minute winter	S19	1080	186.230	0.464	3.8	0.6685	0.0000	SURCHARGED
1440 minute winter	S20	840	184.658	0.016	0.3	0.0177	0.0000	OK
1440 minute winter	S21	810	184.439	0.030	1.1	0.0399	0.0000	OK
1440 minute winter	S22	780	184.279	0.048	2.3	0.0618	0.0000	OK
1440 minute winter	S23	780	184.257	0.059	3.3	0.0762	0.0000	OK
1440 minute winter	S24	1410	184.098	0.081	6.4	0.1059	0.0000	OK
1440 minute winter	S25	1410	184.098	0.128	7.3	0.1764	0.0000	OK
1440 minute winter	S26	780	185.395	0.018	0.7	0.0261	0.0000	OK
1440 minute winter	FC1	750	188.302	0.052	0.2	0.0665	0.0000	OK
1440 minute winter	FC2	780	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S16	32.015	J38	6.2	0.786	0.019	0.0191	
1440 minute winter	S17	23.001	J20	0.8	0.517	0.133	0.0518	
1440 minute winter	S18	23.006	J24	2.2	0.378	0.067	0.0729	
1440 minute winter	S19	23.010	J27	3.3	0.458	0.111	0.3541	
1440 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035	
1440 minute winter	S21	48.004	J43	1.1	0.393	0.083	0.0144	
1440 minute winter	S22	48.008	J46	2.3	0.373	0.073	0.0152	
1440 minute winter	S23	48.011	J48	3.3	0.415	0.107	0.0089	
1440 minute winter	S24	48.018	J56	6.4	0.450	0.120	0.0703	
1440 minute winter	S25	48.021	BASIN 4	7.3	0.589	0.137	0.1149	
1440 minute winter	S26	65.001	J54	0.7	0.526	0.068	0.0115	
1440 minute winter	FC1	2.000	J1	0.2	0.212	0.032	0.0053	
1440 minute winter	FC1	Infiltration		0.0				0.0
1440 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
1440 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC3	840	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
1440 minute winter	FC4	780	188.251	0.051	0.2	0.0633	0.0000	OK
1440 minute winter	FC5	750	188.052	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC6	780	187.900	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC7	780	187.801	0.051	0.2	0.0637	0.0000	OK
1440 minute winter	FC8	750	187.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC9	780	187.522	0.052	0.2	0.0650	0.0000	OK
1440 minute winter	FC10	840	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
1440 minute winter	FC3	Infiltration		0.0				0.0
1440 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
1440 minute winter	FC4	Infiltration		0.0				0.0
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
1440 minute winter	FC5	Infiltration		0.0				0.0
1440 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
1440 minute winter	FC6	Infiltration		0.0				0.0
1440 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
1440 minute winter	FC7	Infiltration		0.0				0.0
1440 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
1440 minute winter	FC8	Infiltration		0.0				0.0
1440 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
1440 minute winter	FC9	Infiltration		0.0				0.0
1440 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC11	750	187.372	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC12	750	187.282	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC13	750	187.052	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC14	870	186.951	0.051	0.2	0.6485	0.0000	OK
1440 minute winter	FC15	780	187.250	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC16	780	186.952	0.052	0.2	0.0645	0.0000	OK
1440 minute winter	FC17	780	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC10	Infiltration		0.0				0.0
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
1440 minute winter	FC11	Infiltration		0.0				0.0
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
1440 minute winter	FC12	Infiltration		0.0				0.0
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
1440 minute winter	FC13	Infiltration		0.0				0.0
1440 minute winter	FC14	15.000	J13	0.2	0.347	0.033	0.0043	
1440 minute winter	FC14	Infiltration		0.0				0.0
1440 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
1440 minute winter	FC15	Infiltration		0.0				0.0
1440 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
1440 minute winter	FC16	Infiltration		0.0				0.0
1440 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
1440 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC18	780	186.602	0.052	0.2	0.0650	0.0000	OK
1440 minute winter	FC19	750	186.452	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC20	750	187.000	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC21	750	186.352	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC22	780	186.496	0.046	0.2	0.4408	0.0000	OK
1440 minute winter	FC23	780	186.350	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC24	750	186.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC25	750	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
1440 minute winter	FC18	Infiltration		0.0				0.0
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
1440 minute winter	FC19	Infiltration		0.0				0.0
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
1440 minute winter	FC20	Infiltration		0.0				0.0
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
1440 minute winter	FC21	Infiltration		0.0				0.0
1440 minute winter	FC22	23.000	S17	0.2	0.221	0.012	0.0163	
1440 minute winter	FC22	Infiltration		0.0				0.0
1440 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0184	
1440 minute winter	FC23	Infiltration		0.0				0.0
1440 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0186	
1440 minute winter	FC24	Infiltration		0.0				0.0
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC26	780	186.495	0.045	0.2	0.4555	0.0000	OK
1440 minute winter	FC27	780	186.550	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC28	750	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC29	750	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC30	750	186.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC31	780	186.500	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC32	780	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC25	Infiltration		0.0				0.0
1440 minute winter	FC26	27.000	J23	0.2	0.596	0.014	0.0014	
1440 minute winter	FC26	Infiltration		0.0				0.0
1440 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0179	
1440 minute winter	FC27	Infiltration		0.0				0.0
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0044	
1440 minute winter	FC28	Infiltration		0.0				0.0
1440 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0069	
1440 minute winter	FC29	Infiltration		0.0				0.0
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
1440 minute winter	FC30	Infiltration		0.0				0.0
1440 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0041	
1440 minute winter	FC31	Infiltration		0.0				0.0
1440 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
1440 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC33	750	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC34	750	186.502	0.052	0.2	0.0668	0.0000	OK
1440 minute winter	FC35	750	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC36	750	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC37	840	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
1440 minute winter	FC38	780	185.494	0.044	0.2	0.5248	0.0000	OK
1440 minute winter	FC39	780	185.500	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC40	750	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
1440 minute winter	FC33	Infiltration		0.0				0.0
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
1440 minute winter	FC34	Infiltration		0.0				0.0
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
1440 minute winter	FC35	Infiltration		0.0				0.0
1440 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
1440 minute winter	FC36	Infiltration		0.0				0.0
1440 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
1440 minute winter	FC37	Infiltration		0.0				0.0
1440 minute winter	FC38	40.000	J34	0.2	0.569	0.015	0.0015	
1440 minute winter	FC38	Infiltration		0.0				0.0
1440 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
1440 minute winter	FC39	Infiltration		0.0				0.0
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC41	750	184.900	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC42	750	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC43	750	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC44	720	184.610	0.010	0.2	0.0122	0.0000	OK
1440 minute winter	FC45	780	184.650	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC46	840	184.804	0.104	0.3	0.1401	0.0000	SURCHARGED
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	750	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC40	Infiltration		0.0				0.0
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
1440 minute winter	FC41	Infiltration		0.0				0.0
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
1440 minute winter	FC42	Infiltration		0.0				0.0
1440 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
1440 minute winter	FC43	Infiltration		0.0				0.0
1440 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
1440 minute winter	FC44	Infiltration		0.0				0.0
1440 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
1440 minute winter	FC45	Infiltration		0.0				0.0
1440 minute winter	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
1440 minute winter	FC46	Infiltration		0.0				0.0
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
1440 minute winter	FC48	50.000	J42	0.2	0.311	0.014	0.0036	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC49	750	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC50	750	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC51	750	184.902	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC52	750	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC53	750	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC54	780	185.300	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC55	780	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC48	Infiltration		0.0				0.0
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
1440 minute winter	FC49	Infiltration		0.0				0.0
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
1440 minute winter	FC50	Infiltration		0.0				0.0
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
1440 minute winter	FC51	Infiltration		0.0				0.0
1440 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
1440 minute winter	FC52	Infiltration		0.0				0.0
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
1440 minute winter	FC53	Infiltration		0.0				0.0
1440 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
1440 minute winter	FC54	Infiltration		0.0				0.0
1440 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
1440 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC56	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC57	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC58	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC59	780	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC60	750	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC61	750	185.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC62	840	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
1440 minute winter	FC63	780	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
1440 minute winter	FC56	Infiltration		0.0				0.0
1440 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
1440 minute winter	FC57	Infiltration		0.0				0.0
1440 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
1440 minute winter	FC58	Infiltration		0.0				0.0
1440 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
1440 minute winter	FC59	Infiltration		0.0				0.0
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
1440 minute winter	FC60	Infiltration		0.0				0.0
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
1440 minute winter	FC61	Infiltration		0.0				0.0
1440 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
1440 minute winter	FC62	Infiltration		0.0				0.0
1440 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC64	780	185.202	0.052	0.2	0.0648	0.0000	OK
1440 minute winter	FC65	750	185.200	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC66	750	185.051	0.051	0.2	0.0660	0.0000	OK
1440 minute winter	FC67	780	184.846	0.046	0.2	0.4726	0.0000	OK
1440 minute winter	FC68	780	184.600	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	J1	750	188.227	0.027	1.2	0.0395	0.0000	OK
1440 minute winter	J2	750	188.095	0.039	1.4	0.0435	0.0000	OK
1440 minute winter	J3	750	188.087	0.037	1.7	0.0414	0.0000	OK
1440 minute winter	J4	750	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC63	Infiltration		0.0				0.0
1440 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
1440 minute winter	FC64	Infiltration		0.0				0.0
1440 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0023	
1440 minute winter	FC65	Infiltration		0.0				0.0
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
1440 minute winter	FC66	Infiltration		0.0				0.0
1440 minute winter	FC67	69.000	J56	0.2	0.333	0.031	0.0012	
1440 minute winter	FC67	Infiltration		0.0				0.0
1440 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
1440 minute winter	FC68	Infiltration		0.0				0.0
1440 minute winter	J1	1.001	J2	1.2	0.732	0.145	0.0082	
1440 minute winter	J2	1.002	J3	1.4	0.407	0.104	0.0036	
1440 minute winter	J3	1.003	J4	1.7	0.646	0.128	0.0052	
1440 minute winter	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J5	750	187.934	0.024	2.1	0.0271	0.0000	OK
1440 minute winter	J6	750	187.682	0.032	2.3	0.0365	0.0000	OK
1440 minute winter	J7	750	187.566	0.041	2.5	0.0468	0.0000	OK
1440 minute winter	J8	750	187.548	0.027	2.8	0.0304	0.0000	OK
1440 minute winter	J9	750	187.319	0.044	2.9	0.0497	0.0000	OK
1440 minute winter	J10	750	187.295	0.025	3.3	0.0284	0.0000	OK
1440 minute winter	J11	750	187.156	0.035	3.4	0.0396	0.0000	OK
1440 minute winter	J12	750	186.852	0.043	4.8	0.0487	0.0000	OK
1440 minute winter	J13	750	186.697	0.070	5.0	0.0789	0.0000	OK
1440 minute winter	J14	750	186.689	0.067	5.2	0.0754	0.0000	OK
1440 minute winter	J15	750	186.677	0.060	5.4	0.0681	0.0000	OK
1440 minute winter	J16	750	186.650	0.045	5.6	0.0504	0.0000	OK
1440 minute winter	J17	750	186.312	0.029	5.8	0.0331	0.0000	OK
1440 minute winter	J18	1050	186.235	0.110	7.7	0.1241	0.0000	OK
1440 minute winter	J19	1080	186.232	0.205	8.2	0.2318	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J5	1.005	J6	2.1	0.922	0.055	0.0130	
1440 minute winter	J6	1.006	J7	2.3	0.895	0.081	0.0051	
1440 minute winter	J7	1.007	J8	2.6	0.695	0.085	0.0043	
1440 minute winter	J8	1.008	J9	2.7	0.678	0.030	0.0343	
1440 minute winter	J9	1.009	J10	3.0	0.771	0.089	0.0047	
1440 minute winter	J10	1.010	J11	3.2	1.019	0.025	0.0077	
1440 minute winter	J11	1.011	S2	3.4	0.534	0.053	0.0349	
1440 minute winter	J12	1.013	J13	4.8	0.945	0.072	0.0329	
1440 minute winter	J13	1.014	J14	5.0	0.415	0.088	0.0228	
1440 minute winter	J14	1.015	J15	5.2	0.479	0.092	0.0208	
1440 minute winter	J15	1.016	J16	5.4	0.655	0.101	0.0425	
1440 minute winter	J16	1.017	J17	5.6	0.921	0.039	0.0204	
1440 minute winter	J17	1.018	S3	5.8	0.845	0.019	0.0180	
1440 minute winter	J18	1.020	J19	8.1	0.761	0.028	0.0529	
1440 minute winter	J19	1.021	S4	6.8	0.582	0.123	0.2311	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J20	1050	186.229	0.198	1.0	0.2239	0.0000	SURCHARGED
1440 minute winter	J21	1050	186.229	0.220	1.2	0.2488	0.0000	SURCHARGED
1440 minute winter	J22	1050	186.229	0.266	1.4	0.3008	0.0000	SURCHARGED
1440 minute winter	J23	1050	186.229	0.287	1.6	0.3243	0.0000	SURCHARGED
1440 minute winter	J24	1080	186.229	0.411	2.4	0.4653	0.0000	SURCHARGED
1440 minute winter	J25	1080	186.229	0.433	2.5	0.4892	0.0000	SURCHARGED
1440 minute winter	J26	1020	186.238	0.459	2.9	0.5193	0.0000	SURCHARGED
1440 minute winter	J27	1050	186.240	0.504	4.9	0.5702	0.0000	SURCHARGED
1440 minute winter	J28	780	186.381	0.025	0.8	0.0282	0.0000	OK
1440 minute winter	J29	780	186.300	0.029	1.0	0.0328	0.0000	OK
1440 minute winter	J30	780	186.189	0.041	2.0	0.0469	0.0000	OK
1440 minute winter	J31	780	186.086	0.042	2.2	0.0480	0.0000	OK
1440 minute winter	J32	780	186.053	0.042	2.4	0.0477	0.0000	OK
1440 minute winter	J33	780	185.563	0.027	3.3	0.0311	0.0000	OK
1440 minute winter	J34	780	185.177	0.052	4.2	0.0588	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J20	23.002	J21	1.0	0.400	0.073	0.0665	
1440 minute winter	J21	23.003	J22	1.2	0.420	0.089	0.1411	
1440 minute winter	J22	23.004	J23	1.4	0.439	0.103	0.0633	
1440 minute winter	J23	23.005	S18	1.6	0.500	0.118	0.1321	
1440 minute winter	J24	23.007	J25	2.3	0.398	0.078	0.2458	
1440 minute winter	J25	23.008	J26	2.5	0.395	0.084	0.1975	
1440 minute winter	J26	23.009	S19	3.6	0.396	0.119	0.1474	
1440 minute winter	J27	23.011	S4	3.5	0.520	0.118	0.0951	
1440 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150	
1440 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085	
1440 minute winter	J30	32.004	J31	2.0	0.525	0.151	0.0190	
1440 minute winter	J31	32.005	J32	2.2	0.427	0.073	0.0503	
1440 minute winter	J32	32.006	S13	2.4	0.618	0.080	0.0209	
1440 minute winter	J33	32.008	S14	3.3	0.784	0.032	0.0389	
1440 minute winter	J34	32.010	J35	4.2	0.794	0.108	0.0481	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J35	780	185.109	0.034	4.4	0.0383	0.0000	OK
1440 minute winter	J36	780	184.931	0.055	4.6	0.0628	0.0000	OK
1440 minute winter	J37	780	184.559	0.058	5.5	0.0661	0.0000	OK
1440 minute winter	J38	780	184.373	0.073	6.4	0.0821	0.0000	OK
1440 minute winter	J39	780	184.342	0.068	6.6	0.0765	0.0000	OK
1440 minute winter	J40	780	184.320	0.055	6.8	0.0627	0.0000	OK
1440 minute winter	J41	840	184.612	0.015	0.3	0.0173	0.0000	OK
1440 minute winter	J42	840	184.557	0.020	0.5	0.0227	0.0000	OK
1440 minute winter	J43	780	184.415	0.035	1.3	0.0398	0.0000	OK
1440 minute winter	J44	780	184.405	0.035	1.5	0.0391	0.0000	OK
1440 minute winter	J45	780	184.359	0.039	1.7	0.0438	0.0000	OK
1440 minute winter	J46	780	184.271	0.049	2.5	0.0554	0.0000	OK
1440 minute winter	J47	780	184.263	0.056	2.7	0.0628	0.0000	OK
1440 minute winter	J48	780	184.250	0.056	3.5	0.0629	0.0000	OK
1440 minute winter	J49	780	184.234	0.065	3.7	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J35	32.011	J36	4.4	0.786	0.049	0.0389	
1440 minute winter	J36	32.012	S15	4.6	0.771	0.153	0.0142	
1440 minute winter	J37	32.014	S16	5.5	0.866	0.099	0.0339	
1440 minute winter	J38	32.016	J39	6.4	0.511	0.118	0.1351	
1440 minute winter	J39	32.017	J40	6.6	0.635	0.120	0.0380	
1440 minute winter	J40	32.018	S10	6.8	0.788	0.068	0.0823	
1440 minute winter	J41	48.002	J42	0.3	0.322	0.051	0.0058	
1440 minute winter	J42	48.003	S21	0.5	0.454	0.085	0.0090	
1440 minute winter	J43	48.005	J44	1.3	0.432	0.093	0.0050	
1440 minute winter	J44	48.006	J45	1.5	0.452	0.112	0.0292	
1440 minute winter	J45	48.007	S22	1.7	0.500	0.125	0.0081	
1440 minute winter	J46	48.009	J47	2.5	0.358	0.081	0.0294	
1440 minute winter	J47	48.010	S23	2.7	0.340	0.090	0.0210	
1440 minute winter	J48	48.012	J49	3.5	0.411	0.117	0.0634	
1440 minute winter	J49	48.013	J50	3.7	0.405	0.121	0.0104	

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J50	780	184.227	0.062	3.9	0.0700	0.0000	OK
1440 minute winter	J51	780	184.215	0.067	4.1	0.0757	0.0000	OK
1440 minute winter	J52	780	184.207	0.063	4.4	0.0713	0.0000	OK
1440 minute winter	J53	780	184.188	0.061	4.6	0.0695	0.0000	OK
1440 minute winter	J54	780	185.157	0.028	0.9	0.0314	0.0000	OK
1440 minute winter	J55	780	185.121	0.026	1.1	0.0299	0.0000	OK
1440 minute winter	J56	1410	184.098	0.091	6.6	0.1024	0.0000	OK
1440 minute winter	J57	1410	184.098	0.113	6.8	0.1273	0.0000	OK
1440 minute winter	BASIN 1	1050	186.228	1.303	10.9	170.3051	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1080	184.852	0.552	4.0	55.8687	0.0000	OK
1440 minute winter	BASIN 3	1680	183.760	0.660	12.0	471.2324	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J50	48.014	J51	3.9	0.417	0.131	0.0475	
1440 minute winter	J51	48.015	J52	4.1	0.433	0.134	0.0108	
1440 minute winter	J52	48.016	J53	4.4	0.493	0.144	0.0435	
1440 minute winter	J53	48.017	S24	4.6	0.569	0.153	0.0830	
1440 minute winter	J54	65.002	J55	0.9	0.526	0.152	0.0062	
1440 minute winter	J55	65.003	S24	1.1	0.678	0.145	0.0127	
1440 minute winter	J56	48.019	J57	6.6	0.464	0.121	0.1910	
1440 minute winter	J57	48.020	S25	6.8	0.480	0.124	0.1611	
1440 minute winter	BASIN 1	1.023	S5	3.9	0.123	0.047	0.9418	
1440 minute winter	BASIN 1	Infiltration		0.1				8.5
1440 minute winter	BASIN 2	1.027	S7	4.0	0.582	0.048	0.1521	
1440 minute winter	BASIN 2	71.000	BH1	0.7	0.465	0.118	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
1440 minute winter	BASIN 3	1.034	BH2	0.5	0.106	0.004	1.8265	
1440 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1410	184.098	0.768	8.1	236.5168	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1050	184.929	0.055	3.9	0.0787	0.0000	OK
1440 minute winter	SWALE 2	1080	184.430	0.055	4.0	0.0790	0.0000	OK
1440 minute winter	SWALE 3	780	184.071	0.076	11.1	0.1088	0.0000	OK
1440 minute winter	BH1	1080	184.852	0.775	0.7	3.0483	0.0000	OK
1440 minute winter	BH2	1680	183.760	0.677	0.5	4.9691	0.0000	OK
1440 minute winter	BH3	1410	184.098	0.779	0.4	5.2384	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.4	0.276	0.007	0.3211	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
1440 minute winter	SWALE 1	1.025	S6	3.9	0.383	0.048	0.3878	
1440 minute winter	SWALE 2	1.029	S8	4.0	0.555	0.048	0.1872	
1440 minute winter	SWALE 3	1.033	BASIN 3	11.1	0.708	0.089	0.6781	
1440 minute winter	BH1	Infiltration		0.1				8.5
1440 minute winter	BH2	Infiltration		0.2				9.3
1440 minute winter	BH3	Infiltration		0.2				15.8

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S1	1140	188.386	0.016	0.5	0.0240	0.0000	OK
2160 minute summer	S2	1140	187.103	0.064	4.7	0.1103	0.0000	OK
2160 minute summer	S3	1140	186.201	0.064	6.6	0.0852	0.0000	OK
2160 minute summer	S4	1440	186.178	0.800	11.1	1.0255	0.0000	SURCHARGED
2160 minute summer	S5	1440	186.174	1.264	3.9	1.8091	0.0000	SURCHARGED
2160 minute summer	S6	1440	184.865	0.057	3.9	0.0811	0.0000	OK
2160 minute summer	S7	1440	184.789	0.030	3.9	0.0423	0.0000	OK
2160 minute summer	S8	1440	184.362	0.032	3.9	0.0453	0.0000	OK
2160 minute summer	S9	1200	184.179	0.054	3.9	0.0777	0.0000	OK
2160 minute summer	S10	1140	184.164	0.051	11.3	0.0929	0.0000	OK
2160 minute summer	S11	1140	186.424	0.024	0.7	0.0376	0.0000	OK
2160 minute summer	S12	1140	186.218	0.042	2.0	0.0618	0.0000	OK
2160 minute summer	S13	1140	186.022	0.029	3.3	0.0431	0.0000	OK
2160 minute summer	S14	1140	185.223	0.048	4.3	0.0754	0.0000	OK
2160 minute summer	S15	1140	184.906	0.039	5.6	0.0613	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S1	1.000	J1	0.5	0.404	0.057	0.0103	
2160 minute summer	S2	1.012	J12	4.7	0.561	0.157	0.0125	
2160 minute summer	S3	1.019	J18	6.6	0.843	0.124	0.0409	
2160 minute summer	S4	1.022	BASIN 1	10.9	0.670	0.065	1.1778	
2160 minute summer	S5	1.024	SWALE 1	3.9	0.386	0.046	0.2031	
2160 minute summer	S6	1.026	BASIN 2	3.9	0.411	0.044	0.0580	
2160 minute summer	S7	1.028	SWALE 2	3.9	0.573	0.013	0.1163	
2160 minute summer	S8	1.030	S9	3.9	0.594	0.015	0.0844	
2160 minute summer	S9	1.031	S10	3.9	0.594	0.046	0.0616	
2160 minute summer	S10	1.032	SWALE 3	11.3	0.911	0.034	0.0547	
2160 minute summer	S11	32.000	J28	0.7	0.454	0.118	0.0070	
2160 minute summer	S12	32.003	J30	2.0	0.485	0.150	0.0210	
2160 minute summer	S13	32.007	J33	3.3	1.125	0.034	0.0382	
2160 minute summer	S14	32.009	J34	4.3	0.641	0.085	0.0352	
2160 minute summer	S15	32.013	J37	5.6	1.254	0.060	0.0415	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S16	1140	184.517	0.030	6.5	0.0451	0.0000	OK
2160 minute summer	S17	1140	186.177	0.027	0.9	0.0427	0.0000	OK
2160 minute summer	S18	1440	186.173	0.349	2.4	0.5153	0.0000	SURCHARGED
2160 minute summer	S19	1380	186.173	0.407	3.5	0.5865	0.0000	SURCHARGED
2160 minute summer	S20	1200	184.658	0.016	0.3	0.0177	0.0000	OK
2160 minute summer	S21	1140	184.439	0.030	1.1	0.0398	0.0000	OK
2160 minute summer	S22	1140	184.279	0.048	2.3	0.0618	0.0000	OK
2160 minute summer	S23	1140	184.257	0.059	3.3	0.0762	0.0000	OK
2160 minute summer	S24	1140	184.095	0.078	6.4	0.1026	0.0000	OK
2160 minute summer	S25	2160	184.090	0.120	7.3	0.1658	0.0000	OK
2160 minute summer	S26	1140	185.395	0.018	0.7	0.0261	0.0000	OK
2160 minute summer	FC1	1200	188.302	0.052	0.2	0.0665	0.0000	OK
2160 minute summer	FC2	1200	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S16	32.015	J38	6.5	0.797	0.020	0.0198	
2160 minute summer	S17	23.001	J20	0.9	0.534	0.149	0.0329	
2160 minute summer	S18	23.006	J24	2.3	0.385	0.073	0.0729	
2160 minute summer	S19	23.010	J27	3.5	0.465	0.118	0.3541	
2160 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
2160 minute summer	S21	48.004	J43	1.1	0.391	0.083	0.0144	
2160 minute summer	S22	48.008	J46	2.3	0.369	0.073	0.0152	
2160 minute summer	S23	48.011	J48	3.3	0.415	0.107	0.0089	
2160 minute summer	S24	48.018	J56	6.4	0.450	0.120	0.0615	
2160 minute summer	S25	48.021	BASIN 4	7.3	0.589	0.137	0.1061	
2160 minute summer	S26	65.001	J54	0.7	0.525	0.068	0.0115	
2160 minute summer	FC1	2.000	J1	0.2	0.211	0.032	0.0053	
2160 minute summer	FC1	Infiltration		0.0				0.0
2160 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2160 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC3	1200	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
2160 minute summer	FC4	1140	188.251	0.051	0.2	0.0633	0.0000	OK
2160 minute summer	FC5	1200	188.052	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC6	1140	187.900	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC7	1140	187.801	0.051	0.2	0.0637	0.0000	OK
2160 minute summer	FC8	1200	187.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC9	1140	187.522	0.052	0.2	0.0649	0.0000	OK
2160 minute summer	FC10	1200	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
2160 minute summer	FC3	Infiltration		0.0				0.0
2160 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2160 minute summer	FC4	Infiltration		0.0				0.0
2160 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2160 minute summer	FC5	Infiltration		0.0				0.0
2160 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2160 minute summer	FC6	Infiltration		0.0				0.0
2160 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2160 minute summer	FC7	Infiltration		0.0				0.0
2160 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2160 minute summer	FC8	Infiltration		0.0				0.0
2160 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2160 minute summer	FC9	Infiltration		0.0				0.0
2160 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC11	1200	187.372	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC12	1200	187.282	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC13	1200	187.052	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC14	1200	186.949	0.049	0.2	0.6294	0.0000	OK
2160 minute summer	FC15	1140	187.250	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC16	1140	186.952	0.052	0.2	0.0645	0.0000	OK
2160 minute summer	FC17	1140	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC10	Infiltration		0.0				0.0
2160 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2160 minute summer	FC11	Infiltration		0.0				0.0
2160 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2160 minute summer	FC12	Infiltration		0.0				0.0
2160 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2160 minute summer	FC13	Infiltration		0.0				0.0
2160 minute summer	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2160 minute summer	FC14	Infiltration		0.0				0.0
2160 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
2160 minute summer	FC15	Infiltration		0.0				0.0
2160 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
2160 minute summer	FC16	Infiltration		0.0				0.0
2160 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
2160 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC18	1140	186.602	0.052	0.2	0.0650	0.0000	OK
2160 minute summer	FC19	1200	186.452	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC20	1200	187.000	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC21	1200	186.352	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC22	1140	186.494	0.044	0.2	0.4250	0.0000	OK
2160 minute summer	FC23	1140	186.350	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC24	1200	186.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC25	1200	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
2160 minute summer	FC18	Infiltration		0.0				0.0
2160 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2160 minute summer	FC19	Infiltration		0.0				0.0
2160 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2160 minute summer	FC20	Infiltration		0.0				0.0
2160 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2160 minute summer	FC21	Infiltration		0.0				0.0
2160 minute summer	FC22	23.000	S17	0.2	0.209	0.012	0.0047	
2160 minute summer	FC22	Infiltration		0.0				0.0
2160 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0176	
2160 minute summer	FC23	Infiltration		0.0				0.0
2160 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0186	
2160 minute summer	FC24	Infiltration		0.0				0.0
2160 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC26	1140	186.494	0.044	0.2	0.4387	0.0000	OK
2160 minute summer	FC27	1140	186.550	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC28	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC29	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC30	1200	186.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC31	1140	186.500	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC32	1140	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC25	Infiltration		0.0				0.0
2160 minute summer	FC26	27.000	J23	0.2	0.591	0.014	0.0014	
2160 minute summer	FC26	Infiltration		0.0				0.0
2160 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0179	
2160 minute summer	FC27	Infiltration		0.0				0.0
2160 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2160 minute summer	FC28	Infiltration		0.0				0.0
2160 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2160 minute summer	FC29	Infiltration		0.0				0.0
2160 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2160 minute summer	FC30	Infiltration		0.0				0.0
2160 minute summer	FC31	33.000	J28	0.2	0.203	0.022	0.0044	
2160 minute summer	FC31	Infiltration		0.0				0.0
2160 minute summer	FC32	34.000	J29	0.2	0.184	0.016	0.0049	
2160 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC33	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC34	1200	186.502	0.052	0.2	0.0668	0.0000	OK
2160 minute summer	FC35	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC36	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC37	1200	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
2160 minute summer	FC38	1140	185.492	0.042	0.2	0.5037	0.0000	OK
2160 minute summer	FC39	1140	185.500	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC40	1200	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2160 minute summer	FC33	Infiltration		0.0				0.0
2160 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2160 minute summer	FC34	Infiltration		0.0				0.0
2160 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2160 minute summer	FC35	Infiltration		0.0				0.0
2160 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2160 minute summer	FC36	Infiltration		0.0				0.0
2160 minute summer	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
2160 minute summer	FC37	Infiltration		0.0				0.0
2160 minute summer	FC38	40.000	J34	0.2	0.564	0.014	0.0015	
2160 minute summer	FC38	Infiltration		0.0				0.0
2160 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2160 minute summer	FC39	Infiltration		0.0				0.0
2160 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC41	1200	184.900	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC42	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC43	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC44	1140	184.610	0.010	0.2	0.0122	0.0000	OK
2160 minute summer	FC45	1140	184.650	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC46	1200	184.804	0.104	0.3	0.1401	0.0000	SURCHARGED
2160 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	FC48	1200	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC40	Infiltration		0.0				0.0
2160 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2160 minute summer	FC41	Infiltration		0.0				0.0
2160 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2160 minute summer	FC42	Infiltration		0.0				0.0
2160 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2160 minute summer	FC43	Infiltration		0.0				0.0
2160 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
2160 minute summer	FC44	Infiltration		0.0				0.0
2160 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
2160 minute summer	FC45	Infiltration		0.0				0.0
2160 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
2160 minute summer	FC46	Infiltration		0.0				0.0
2160 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
2160 minute summer	FC48	50.000	J42	0.2	0.294	0.014	0.0036	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC49	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC50	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC51	1200	184.902	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC52	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC53	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC54	1140	185.300	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC55	1140	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC48	Infiltration		0.0				0.0
2160 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2160 minute summer	FC49	Infiltration		0.0				0.0
2160 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2160 minute summer	FC50	Infiltration		0.0				0.0
2160 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2160 minute summer	FC51	Infiltration		0.0				0.0
2160 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2160 minute summer	FC52	Infiltration		0.0				0.0
2160 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2160 minute summer	FC53	Infiltration		0.0				0.0
2160 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2160 minute summer	FC54	Infiltration		0.0				0.0
2160 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2160 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC56	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC57	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC58	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC59	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC60	1200	185.400	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC61	1200	185.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC62	1200	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
2160 minute summer	FC63	1140	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2160 minute summer	FC56	Infiltration		0.0				0.0
2160 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2160 minute summer	FC57	Infiltration		0.0				0.0
2160 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2160 minute summer	FC58	Infiltration		0.0				0.0
2160 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2160 minute summer	FC59	Infiltration		0.0				0.0
2160 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2160 minute summer	FC60	Infiltration		0.0				0.0
2160 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2160 minute summer	FC61	Infiltration		0.0				0.0
2160 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
2160 minute summer	FC62	Infiltration		0.0				0.0
2160 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC64	1140	185.202	0.052	0.2	0.0648	0.0000	OK
2160 minute summer	FC65	1200	185.200	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC66	1200	185.051	0.051	0.2	0.0660	0.0000	OK
2160 minute summer	FC67	1140	184.844	0.044	0.2	0.4531	0.0000	OK
2160 minute summer	FC68	1140	184.600	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	J1	1140	188.227	0.027	1.2	0.0395	0.0000	OK
2160 minute summer	J2	1140	188.095	0.039	1.4	0.0435	0.0000	OK
2160 minute summer	J3	1140	188.087	0.037	1.7	0.0414	0.0000	OK
2160 minute summer	J4	1140	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC63	Infiltration		0.0				0.0
2160 minute summer	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
2160 minute summer	FC64	Infiltration		0.0				0.0
2160 minute summer	FC65	67.000	J55	0.2	0.267	0.021	0.0023	
2160 minute summer	FC65	Infiltration		0.0				0.0
2160 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2160 minute summer	FC66	Infiltration		0.0				0.0
2160 minute summer	FC67	69.000	J56	0.2	0.330	0.030	0.0011	
2160 minute summer	FC67	Infiltration		0.0				0.0
2160 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
2160 minute summer	FC68	Infiltration		0.0				0.0
2160 minute summer	J1	1.001	J2	1.2	0.732	0.145	0.0082	
2160 minute summer	J2	1.002	J3	1.4	0.407	0.104	0.0036	
2160 minute summer	J3	1.003	J4	1.7	0.647	0.128	0.0052	
2160 minute summer	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J5	1140	187.934	0.024	2.1	0.0271	0.0000	OK
2160 minute summer	J6	1140	187.682	0.032	2.3	0.0365	0.0000	OK
2160 minute summer	J7	1140	187.566	0.041	2.5	0.0467	0.0000	OK
2160 minute summer	J8	1140	187.548	0.027	2.8	0.0304	0.0000	OK
2160 minute summer	J9	1140	187.319	0.044	2.9	0.0497	0.0000	OK
2160 minute summer	J10	1140	187.295	0.025	3.3	0.0284	0.0000	OK
2160 minute summer	J11	1140	187.156	0.035	3.4	0.0396	0.0000	OK
2160 minute summer	J12	1140	186.853	0.044	4.9	0.0493	0.0000	OK
2160 minute summer	J13	1140	186.697	0.070	5.1	0.0797	0.0000	OK
2160 minute summer	J14	1140	186.689	0.067	5.3	0.0761	0.0000	OK
2160 minute summer	J15	1140	186.678	0.061	5.5	0.0687	0.0000	OK
2160 minute summer	J16	1140	186.650	0.045	5.7	0.0509	0.0000	OK
2160 minute summer	J17	1140	186.313	0.030	5.9	0.0334	0.0000	OK
2160 minute summer	J18	1440	186.176	0.051	6.8	0.0573	0.0000	OK
2160 minute summer	J19	1380	186.184	0.157	7.0	0.1776	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J5	1.005	J6	2.1	0.922	0.055	0.0130	
2160 minute summer	J6	1.006	J7	2.3	0.895	0.081	0.0051	
2160 minute summer	J7	1.007	J8	2.6	0.687	0.083	0.0043	
2160 minute summer	J8	1.008	J9	2.7	0.679	0.030	0.0344	
2160 minute summer	J9	1.009	J10	3.0	0.770	0.089	0.0047	
2160 minute summer	J10	1.010	J11	3.2	1.019	0.025	0.0077	
2160 minute summer	J11	1.011	S2	3.4	0.528	0.053	0.0353	
2160 minute summer	J12	1.013	J13	4.9	0.950	0.073	0.0334	
2160 minute summer	J13	1.014	J14	5.1	0.418	0.090	0.0231	
2160 minute summer	J14	1.015	J15	5.3	0.482	0.094	0.0210	
2160 minute summer	J15	1.016	J16	5.5	0.659	0.103	0.0430	
2160 minute summer	J16	1.017	J17	5.7	0.925	0.040	0.0207	
2160 minute summer	J17	1.018	S3	5.9	0.843	0.019	0.0137	
2160 minute summer	J18	1.020	J19	6.8	0.766	0.024	0.0303	
2160 minute summer	J19	1.021	S4	7.0	0.586	0.127	0.1601	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J20	1440	186.175	0.144	1.1	0.1630	0.0000	OK
2160 minute summer	J21	1440	186.175	0.166	1.3	0.1880	0.0000	SURCHARGED
2160 minute summer	J22	1440	186.175	0.212	1.5	0.2394	0.0000	SURCHARGED
2160 minute summer	J23	1440	186.176	0.234	1.7	0.2643	0.0000	SURCHARGED
2160 minute summer	J24	1440	186.174	0.357	2.5	0.4042	0.0000	SURCHARGED
2160 minute summer	J25	1440	186.181	0.385	2.7	0.4358	0.0000	SURCHARGED
2160 minute summer	J26	1440	186.174	0.395	2.8	0.4467	0.0000	SURCHARGED
2160 minute summer	J27	1440	186.182	0.446	3.7	0.5049	0.0000	SURCHARGED
2160 minute summer	J28	1140	186.383	0.027	0.9	0.0300	0.0000	OK
2160 minute summer	J29	1140	186.302	0.031	1.1	0.0346	0.0000	OK
2160 minute summer	J30	1140	186.191	0.044	2.2	0.0493	0.0000	OK
2160 minute summer	J31	1140	186.088	0.044	2.4	0.0502	0.0000	OK
2160 minute summer	J32	1140	186.055	0.044	2.6	0.0496	0.0000	OK
2160 minute summer	J33	1140	185.564	0.029	3.6	0.0324	0.0000	OK
2160 minute summer	J34	1140	185.179	0.054	4.5	0.0608	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J20	23.002	J21	1.1	0.411	0.080	0.0660	
2160 minute summer	J21	23.003	J22	1.3	0.430	0.096	0.1411	
2160 minute summer	J22	23.004	J23	1.5	0.448	0.110	0.0633	
2160 minute summer	J23	23.005	S18	1.7	0.508	0.124	0.1321	
2160 minute summer	J24	23.007	J25	2.5	0.404	0.083	0.2458	
2160 minute summer	J25	23.008	J26	2.6	0.398	0.088	0.1975	
2160 minute summer	J26	23.009	S19	2.8	0.395	0.093	0.1474	
2160 minute summer	J27	23.011	S4	3.7	0.527	0.125	0.0951	
2160 minute summer	J28	32.001	J29	0.9	0.489	0.152	0.0163	
2160 minute summer	J29	32.002	S12	1.1	0.562	0.185	0.0091	
2160 minute summer	J30	32.004	J31	2.2	0.539	0.166	0.0203	
2160 minute summer	J31	32.005	J32	2.4	0.439	0.080	0.0533	
2160 minute summer	J32	32.006	S13	2.6	0.629	0.086	0.0222	
2160 minute summer	J33	32.008	S14	3.6	0.807	0.035	0.0412	
2160 minute summer	J34	32.010	J35	4.5	0.811	0.116	0.0504	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J35	1140	185.110	0.035	4.7	0.0395	0.0000	OK
2160 minute summer	J36	1140	184.932	0.057	4.9	0.0647	0.0000	OK
2160 minute summer	J37	1140	184.560	0.060	5.8	0.0678	0.0000	OK
2160 minute summer	J38	1140	184.374	0.074	6.7	0.0840	0.0000	OK
2160 minute summer	J39	1140	184.343	0.069	6.9	0.0781	0.0000	OK
2160 minute summer	J40	1140	184.322	0.057	7.1	0.0641	0.0000	OK
2160 minute summer	J41	1200	184.612	0.015	0.3	0.0173	0.0000	OK
2160 minute summer	J42	1200	184.557	0.020	0.5	0.0227	0.0000	OK
2160 minute summer	J43	1140	184.415	0.035	1.3	0.0398	0.0000	OK
2160 minute summer	J44	1140	184.405	0.035	1.5	0.0391	0.0000	OK
2160 minute summer	J45	1140	184.359	0.039	1.7	0.0438	0.0000	OK
2160 minute summer	J46	1140	184.271	0.049	2.5	0.0554	0.0000	OK
2160 minute summer	J47	1140	184.263	0.056	2.7	0.0628	0.0000	OK
2160 minute summer	J48	1140	184.250	0.056	3.5	0.0629	0.0000	OK
2160 minute summer	J49	1140	184.234	0.065	3.7	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J35	32.011	J36	4.7	0.803	0.053	0.0407	
2160 minute summer	J36	32.012	S15	4.9	0.787	0.163	0.0148	
2160 minute summer	J37	32.014	S16	5.8	0.882	0.105	0.0351	
2160 minute summer	J38	32.016	J39	6.7	0.518	0.124	0.1395	
2160 minute summer	J39	32.017	J40	6.9	0.643	0.126	0.0392	
2160 minute summer	J40	32.018	S10	7.1	0.798	0.071	0.0849	
2160 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0058	
2160 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0090	
2160 minute summer	J43	48.005	J44	1.3	0.422	0.093	0.0050	
2160 minute summer	J44	48.006	J45	1.5	0.451	0.112	0.0292	
2160 minute summer	J45	48.007	S22	1.7	0.500	0.125	0.0081	
2160 minute summer	J46	48.009	J47	2.5	0.358	0.081	0.0294	
2160 minute summer	J47	48.010	S23	2.7	0.340	0.090	0.0210	
2160 minute summer	J48	48.012	J49	3.5	0.411	0.117	0.0634	
2160 minute summer	J49	48.013	J50	3.7	0.405	0.121	0.0104	

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J50	1140	184.227	0.062	3.9	0.0700	0.0000	OK
2160 minute summer	J51	1140	184.215	0.067	4.1	0.0757	0.0000	OK
2160 minute summer	J52	1140	184.207	0.063	4.4	0.0713	0.0000	OK
2160 minute summer	J53	1140	184.188	0.061	4.6	0.0695	0.0000	OK
2160 minute summer	J54	1140	185.157	0.028	0.9	0.0314	0.0000	OK
2160 minute summer	J55	1140	185.121	0.026	1.1	0.0299	0.0000	OK
2160 minute summer	J56	2160	184.090	0.083	6.6	0.0937	0.0000	OK
2160 minute summer	J57	2160	184.090	0.105	6.8	0.1186	0.0000	OK
2160 minute summer	BASIN 1	1440	186.174	1.249	11.2	161.3370	0.0000	SURCHARGED
2160 minute summer	BASIN 2	1440	184.851	0.551	4.0	55.8089	0.0000	OK
2160 minute summer	BASIN 3	2400	183.912	0.812	12.3	541.6721	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J50	48.014	J51	3.9	0.417	0.131	0.0475	
2160 minute summer	J51	48.015	J52	4.1	0.433	0.134	0.0108	
2160 minute summer	J52	48.016	J53	4.4	0.493	0.144	0.0435	
2160 minute summer	J53	48.017	S24	4.6	0.569	0.153	0.0830	
2160 minute summer	J54	65.002	J55	0.9	0.526	0.152	0.0062	
2160 minute summer	J55	65.003	S24	1.1	0.678	0.145	0.0127	
2160 minute summer	J56	48.019	J57	6.6	0.464	0.121	0.1714	
2160 minute summer	J57	48.020	S25	6.8	0.480	0.124	0.1473	
2160 minute summer	BASIN 1	1.023	S5	3.9	0.096	0.046	0.9418	
2160 minute summer	BASIN 1	Infiltration		0.1				10.4
2160 minute summer	BASIN 2	1.027	S7	3.9	0.578	0.047	0.1500	
2160 minute summer	BASIN 2	71.000	BH1	0.3	0.396	0.056	0.1829	
2160 minute summer	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	0.6	0.028	0.005	1.8265	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	BASIN 4	2160	184.090	0.760	8.1	233.9063	0.0000	SURCHARGED
2160 minute summer	SWALE 1	1440	184.928	0.054	3.9	0.0778	0.0000	OK
2160 minute summer	SWALE 2	1440	184.430	0.055	3.9	0.0783	0.0000	OK
2160 minute summer	SWALE 3	1140	184.072	0.077	11.3	0.1097	0.0000	OK
2160 minute summer	BH1	1440	184.851	0.774	0.3	3.0468	0.0000	OK
2160 minute summer	BH2	2400	183.912	0.829	0.6	5.7229	0.0000	OK
2160 minute summer	BH3	2160	184.090	0.771	0.3	5.2024	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	BASIN 4	48.022	BH3	0.3	0.228	0.006	0.3211	
2160 minute summer	BASIN 4	Infiltration		0.0				0.0
2160 minute summer	SWALE 1	1.025	S6	3.9	0.381	0.047	0.3819	
2160 minute summer	SWALE 2	1.029	S8	3.9	0.552	0.047	0.1846	
2160 minute summer	SWALE 3	1.033	BASIN 3	11.3	0.711	0.090	0.6856	
2160 minute summer	BH1	Infiltration		0.1				12.2
2160 minute summer	BH2	Infiltration		0.2				13.4
2160 minute summer	BH3	Infiltration		0.2				22.4

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S1	960	188.383	0.013	0.3	0.0188	0.0000	OK
2160 minute winter	S2	1140	187.093	0.054	3.4	0.0933	0.0000	OK
2160 minute winter	S3	1140	186.192	0.055	4.7	0.0727	0.0000	OK
2160 minute winter	S4	1500	186.155	0.777	8.3	0.9957	0.0000	SURCHARGED
2160 minute winter	S5	1560	186.154	1.244	3.8	1.7800	0.0000	SURCHARGED
2160 minute winter	S6	1560	184.864	0.056	3.8	0.0807	0.0000	OK
2160 minute winter	S7	1560	184.788	0.029	3.8	0.0421	0.0000	OK
2160 minute winter	S8	1560	184.362	0.032	3.8	0.0452	0.0000	OK
2160 minute winter	S9	1200	184.178	0.053	3.8	0.0760	0.0000	OK
2160 minute winter	S10	1140	184.159	0.045	9.2	0.0828	0.0000	OK
2160 minute winter	S11	1140	186.420	0.020	0.5	0.0316	0.0000	OK
2160 minute winter	S12	1140	186.210	0.034	1.4	0.0509	0.0000	OK
2160 minute winter	S13	1140	186.018	0.025	2.5	0.0377	0.0000	OK
2160 minute winter	S14	1140	185.216	0.041	3.2	0.0643	0.0000	OK
2160 minute winter	S15	1140	184.900	0.033	4.1	0.0524	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0075	
2160 minute winter	S2	1.012	J12	3.4	0.514	0.114	0.0099	
2160 minute winter	S3	1.019	J18	4.7	0.775	0.088	0.0318	
2160 minute winter	S4	1.022	BASIN 1	8.2	0.682	0.049	1.1778	
2160 minute winter	S5	1.024	SWALE 1	3.8	0.385	0.046	0.2019	
2160 minute winter	S6	1.026	BASIN 2	3.8	0.412	0.044	0.0576	
2160 minute winter	S7	1.028	SWALE 2	3.8	0.572	0.013	0.1157	
2160 minute winter	S8	1.030	S9	3.8	0.594	0.015	0.0821	
2160 minute winter	S9	1.031	S10	3.8	0.592	0.046	0.0569	
2160 minute winter	S10	1.032	SWALE 3	9.2	0.869	0.028	0.0470	
2160 minute winter	S11	32.000	J28	0.5	0.424	0.084	0.0053	
2160 minute winter	S12	32.003	J30	1.4	0.438	0.105	0.0163	
2160 minute winter	S13	32.007	J33	2.5	1.039	0.026	0.0313	
2160 minute winter	S14	32.009	J34	3.2	0.596	0.063	0.0282	
2160 minute winter	S15	32.013	J37	4.1	1.150	0.044	0.0333	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S16	1140	184.513	0.026	4.8	0.0392	0.0000	OK
2160 minute winter	S17	1140	186.172	0.022	0.6	0.0350	0.0000	OK
2160 minute winter	S18	1560	186.157	0.333	1.7	0.4920	0.0000	SURCHARGED
2160 minute winter	S19	1560	186.160	0.394	2.7	0.5678	0.0000	SURCHARGED
2160 minute winter	S20	1080	184.655	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	S21	1200	184.436	0.027	0.9	0.0357	0.0000	OK
2160 minute winter	S22	1200	184.272	0.041	1.8	0.0532	0.0000	OK
2160 minute winter	S23	1200	184.249	0.051	2.5	0.0654	0.0000	OK
2160 minute winter	S24	2100	184.159	0.141	4.9	0.1860	0.0000	OK
2160 minute winter	S25	2100	184.159	0.188	5.5	0.2607	0.0000	OK
2160 minute winter	S26	1140	185.392	0.015	0.5	0.0221	0.0000	OK
2160 minute winter	FC1	1200	188.302	0.052	0.2	0.0665	0.0000	OK
2160 minute winter	FC2	1200	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S16	32.015	J38	4.8	0.730	0.015	0.0160	
2160 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0249	
2160 minute winter	S18	23.006	J24	1.7	0.365	0.053	0.0729	
2160 minute winter	S19	23.010	J27	2.7	0.432	0.090	0.3541	
2160 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2160 minute winter	S21	48.004	J43	0.9	0.371	0.068	0.0124	
2160 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0121	
2160 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0072	
2160 minute winter	S24	48.018	J56	4.9	0.426	0.092	0.1450	
2160 minute winter	S25	48.021	BASIN 4	5.5	0.545	0.103	0.1843	
2160 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
2160 minute winter	FC1	2.000	J1	0.2	0.227	0.032	0.0043	
2160 minute winter	FC1	Infiltration		0.0				0.0
2160 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2160 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC3	1080	188.252	0.052	0.2	0.0697	0.0000	OK
2160 minute winter	FC4	1020	188.222	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC5	1200	188.052	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC6	1380	187.872	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC7	1140	187.772	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC8	1200	187.800	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC9	1140	187.492	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC10	1080	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2160 minute winter	FC3	Infiltration		0.0				0.0
2160 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2160 minute winter	FC4	Infiltration		0.0				0.0
2160 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2160 minute winter	FC5	Infiltration		0.0				0.0
2160 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2160 minute winter	FC6	Infiltration		0.0				0.0
2160 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2160 minute winter	FC7	Infiltration		0.0				0.0
2160 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2160 minute winter	FC8	Infiltration		0.0				0.0
2160 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2160 minute winter	FC9	Infiltration		0.0				0.0
2160 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC11	1200	187.372	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC12	1200	187.282	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC13	1200	187.052	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC14	1200	186.949	0.049	0.2	0.6294	0.0000	OK
2160 minute winter	FC15	780	187.222	0.022	0.1	0.0274	0.0000	OK
2160 minute winter	FC16	960	186.922	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC17	1260	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC10	Infiltration		0.0				0.0
2160 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2160 minute winter	FC11	Infiltration		0.0				0.0
2160 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2160 minute winter	FC12	Infiltration		0.0				0.0
2160 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2160 minute winter	FC13	Infiltration		0.0				0.0
2160 minute winter	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2160 minute winter	FC14	Infiltration		0.0				0.0
2160 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2160 minute winter	FC15	Infiltration		0.0				0.0
2160 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2160 minute winter	FC16	Infiltration		0.0				0.0
2160 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2160 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC18	1380	186.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC19	1200	186.452	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC20	1200	187.000	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC21	1200	186.352	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC22	1140	186.472	0.022	0.1	0.2129	0.0000	OK
2160 minute winter	FC23	1200	186.322	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC24	1200	186.350	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC25	1200	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2160 minute winter	FC18	Infiltration		0.0				0.0
2160 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2160 minute winter	FC19	Infiltration		0.0				0.0
2160 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2160 minute winter	FC20	Infiltration		0.0				0.0
2160 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2160 minute winter	FC21	Infiltration		0.0				0.0
2160 minute winter	FC22	23.000	S17	0.1	0.227	0.007	0.0035	
2160 minute winter	FC22	Infiltration		0.0				0.0
2160 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0147	
2160 minute winter	FC23	Infiltration		0.0				0.0
2160 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0184	
2160 minute winter	FC24	Infiltration		0.0				0.0
2160 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC26	1260	186.472	0.022	0.1	0.2216	0.0000	OK
2160 minute winter	FC27	780	186.522	0.022	0.1	0.0273	0.0000	OK
2160 minute winter	FC28	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC29	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC30	1200	186.800	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC31	1380	186.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC32	960	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC25	Infiltration		0.0				0.0
2160 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2160 minute winter	FC26	Infiltration		0.0				0.0
2160 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
2160 minute winter	FC27	Infiltration		0.0				0.0
2160 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2160 minute winter	FC28	Infiltration		0.0				0.0
2160 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2160 minute winter	FC29	Infiltration		0.0				0.0
2160 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2160 minute winter	FC30	Infiltration		0.0				0.0
2160 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0032	
2160 minute winter	FC31	Infiltration		0.0				0.0
2160 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0034	
2160 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC33	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC34	1200	186.502	0.052	0.2	0.0668	0.0000	OK
2160 minute winter	FC35	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC36	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC37	1080	185.850	0.050	0.2	0.0678	0.0000	OK
2160 minute winter	FC38	1140	185.472	0.022	0.1	0.2638	0.0000	OK
2160 minute winter	FC39	1440	185.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC40	1200	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2160 minute winter	FC33	Infiltration		0.0				0.0
2160 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2160 minute winter	FC34	Infiltration		0.0				0.0
2160 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2160 minute winter	FC35	Infiltration		0.0				0.0
2160 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2160 minute winter	FC36	Infiltration		0.0				0.0
2160 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2160 minute winter	FC37	Infiltration		0.0				0.0
2160 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2160 minute winter	FC38	Infiltration		0.0				0.0
2160 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2160 minute winter	FC39	Infiltration		0.0				0.0
2160 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC41	1200	184.900	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC42	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC43	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC44	780	184.607	0.007	0.1	0.0088	0.0000	OK
2160 minute winter	FC45	1380	184.622	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC46	1080	184.752	0.052	0.2	0.0702	0.0000	OK
2160 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC48	1200	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC40	Infiltration		0.0				0.0
2160 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2160 minute winter	FC41	Infiltration		0.0				0.0
2160 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2160 minute winter	FC42	Infiltration		0.0				0.0
2160 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2160 minute winter	FC43	Infiltration		0.0				0.0
2160 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2160 minute winter	FC44	Infiltration		0.0				0.0
2160 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2160 minute winter	FC45	Infiltration		0.0				0.0
2160 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2160 minute winter	FC46	Infiltration		0.0				0.0
2160 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2160 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC49	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC50	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC51	1200	184.902	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC52	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC53	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC54	1260	185.272	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC55	1380	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC48	Infiltration		0.0				0.0
2160 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2160 minute winter	FC49	Infiltration		0.0				0.0
2160 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2160 minute winter	FC50	Infiltration		0.0				0.0
2160 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2160 minute winter	FC51	Infiltration		0.0				0.0
2160 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2160 minute winter	FC52	Infiltration		0.0				0.0
2160 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2160 minute winter	FC53	Infiltration		0.0				0.0
2160 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2160 minute winter	FC54	Infiltration		0.0				0.0
2160 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2160 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC56	780	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC57	1020	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC58	1380	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC59	1200	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC60	1200	185.400	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC61	1200	185.350	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC62	1080	185.301	0.050	0.2	0.0682	0.0000	OK
2160 minute winter	FC63	1140	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2160 minute winter	FC56	Infiltration		0.0				0.0
2160 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2160 minute winter	FC57	Infiltration		0.0				0.0
2160 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2160 minute winter	FC58	Infiltration		0.0				0.0
2160 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2160 minute winter	FC59	Infiltration		0.0				0.0
2160 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2160 minute winter	FC60	Infiltration		0.0				0.0
2160 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2160 minute winter	FC61	Infiltration		0.0				0.0
2160 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2160 minute winter	FC62	Infiltration		0.0				0.0
2160 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC64	1260	185.172	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC65	1200	185.200	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC66	1200	185.051	0.051	0.2	0.0660	0.0000	OK
2160 minute winter	FC67	1320	184.822	0.022	0.1	0.2262	0.0000	OK
2160 minute winter	FC68	900	184.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	J1	1140	188.222	0.022	0.8	0.0320	0.0000	OK
2160 minute winter	J2	1140	188.088	0.032	1.0	0.0362	0.0000	OK
2160 minute winter	J3	1140	188.081	0.031	1.2	0.0348	0.0000	OK
2160 minute winter	J4	1200	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC63	Infiltration		0.0				0.0
2160 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
2160 minute winter	FC64	Infiltration		0.0				0.0
2160 minute winter	FC65	67.000	J55	0.2	0.267	0.021	0.0019	
2160 minute winter	FC65	Infiltration		0.0				0.0
2160 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2160 minute winter	FC66	Infiltration		0.0				0.0
2160 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2160 minute winter	FC67	Infiltration		0.0				0.0
2160 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2160 minute winter	FC68	Infiltration		0.0				0.0
2160 minute winter	J1	1.001	J2	0.8	0.654	0.096	0.0061	
2160 minute winter	J2	1.002	J3	1.0	0.374	0.074	0.0028	
2160 minute winter	J3	1.003	J4	1.2	0.594	0.090	0.0040	
2160 minute winter	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J5	1140	187.930	0.020	1.5	0.0230	0.0000	OK
2160 minute winter	J6	1140	187.677	0.027	1.6	0.0300	0.0000	OK
2160 minute winter	J7	1200	187.558	0.033	1.7	0.0376	0.0000	OK
2160 minute winter	J8	1200	187.544	0.023	1.9	0.0258	0.0000	OK
2160 minute winter	J9	1200	187.312	0.037	2.0	0.0415	0.0000	OK
2160 minute winter	J10	1140	187.291	0.021	2.2	0.0233	0.0000	OK
2160 minute winter	J11	1200	187.151	0.030	2.4	0.0335	0.0000	OK
2160 minute winter	J12	1140	186.846	0.037	3.6	0.0420	0.0000	OK
2160 minute winter	J13	1140	186.687	0.060	3.8	0.0680	0.0000	OK
2160 minute winter	J14	1140	186.680	0.058	3.9	0.0651	0.0000	OK
2160 minute winter	J15	1140	186.669	0.052	4.0	0.0589	0.0000	OK
2160 minute winter	J16	1140	186.643	0.038	4.1	0.0428	0.0000	OK
2160 minute winter	J17	1140	186.307	0.024	4.2	0.0276	0.0000	OK
2160 minute winter	J18	1500	186.157	0.032	4.9	0.0367	0.0000	OK
2160 minute winter	J19	1560	186.161	0.134	5.1	0.1516	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J5	1.005	J6	1.5	0.856	0.039	0.0100	
2160 minute winter	J6	1.006	J7	1.6	0.814	0.056	0.0039	
2160 minute winter	J7	1.007	J8	1.7	0.600	0.055	0.0032	
2160 minute winter	J8	1.008	J9	1.9	0.616	0.021	0.0266	
2160 minute winter	J9	1.009	J10	2.0	0.699	0.061	0.0036	
2160 minute winter	J10	1.010	J11	2.2	0.915	0.017	0.0059	
2160 minute winter	J11	1.011	S2	2.4	0.481	0.037	0.0278	
2160 minute winter	J12	1.013	J13	3.6	0.873	0.054	0.0267	
2160 minute winter	J13	1.014	J14	3.8	0.390	0.067	0.0184	
2160 minute winter	J14	1.015	J15	3.9	0.443	0.069	0.0168	
2160 minute winter	J15	1.016	J16	4.0	0.604	0.075	0.0341	
2160 minute winter	J16	1.017	J17	4.1	0.846	0.029	0.0162	
2160 minute winter	J17	1.018	S3	4.2	0.767	0.013	0.0108	
2160 minute winter	J18	1.020	J19	4.9	0.711	0.017	0.0245	
2160 minute winter	J19	1.021	S4	5.1	0.534	0.092	0.1350	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J20	1500	186.155	0.124	0.7	0.1401	0.0000	OK
2160 minute winter	J21	1560	186.155	0.146	0.9	0.1647	0.0000	OK
2160 minute winter	J22	1500	186.157	0.194	1.1	0.2193	0.0000	SURCHARGED
2160 minute winter	J23	1560	186.153	0.211	1.2	0.2390	0.0000	SURCHARGED
2160 minute winter	J24	1500	186.155	0.338	1.8	0.3824	0.0000	SURCHARGED
2160 minute winter	J25	1500	186.150	0.354	2.0	0.4006	0.0000	SURCHARGED
2160 minute winter	J26	1560	186.154	0.375	2.2	0.4242	0.0000	SURCHARGED
2160 minute winter	J27	1500	186.157	0.421	2.9	0.4758	0.0000	SURCHARGED
2160 minute winter	J28	1140	186.378	0.022	0.6	0.0244	0.0000	OK
2160 minute winter	J29	1140	186.295	0.024	0.7	0.0272	0.0000	OK
2160 minute winter	J30	1140	186.184	0.037	1.6	0.0417	0.0000	OK
2160 minute winter	J31	1140	186.082	0.038	1.8	0.0433	0.0000	OK
2160 minute winter	J32	1140	186.050	0.039	2.0	0.0438	0.0000	OK
2160 minute winter	J33	1140	185.560	0.025	2.7	0.0283	0.0000	OK
2160 minute winter	J34	1140	185.171	0.046	3.3	0.0523	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J20	23.002	J21	0.7	0.359	0.052	0.0623	
2160 minute winter	J21	23.003	J22	0.9	0.387	0.067	0.1405	
2160 minute winter	J22	23.004	J23	1.1	0.420	0.081	0.0633	
2160 minute winter	J23	23.005	S18	1.2	0.463	0.090	0.1321	
2160 minute winter	J24	23.007	J25	1.8	0.373	0.060	0.2458	
2160 minute winter	J25	23.008	J26	2.0	0.373	0.066	0.1975	
2160 minute winter	J26	23.009	S19	2.2	0.376	0.072	0.1474	
2160 minute winter	J27	23.011	S4	2.9	0.494	0.097	0.0951	
2160 minute winter	J28	32.001	J29	0.6	0.447	0.101	0.0119	
2160 minute winter	J29	32.002	S12	0.7	0.496	0.118	0.0066	
2160 minute winter	J30	32.004	J31	1.6	0.494	0.121	0.0161	
2160 minute winter	J31	32.005	J32	1.8	0.400	0.060	0.0438	
2160 minute winter	J32	32.006	S13	2.0	0.582	0.066	0.0184	
2160 minute winter	J33	32.008	S14	2.7	0.753	0.026	0.0331	
2160 minute winter	J34	32.010	J35	3.3	0.743	0.086	0.0406	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J35	1140	185.105	0.030	3.4	0.0339	0.0000	OK
2160 minute winter	J36	1140	184.924	0.049	3.6	0.0558	0.0000	OK
2160 minute winter	J37	1140	184.552	0.052	4.3	0.0592	0.0000	OK
2160 minute winter	J38	1140	184.364	0.064	5.0	0.0724	0.0000	OK
2160 minute winter	J39	1140	184.334	0.060	5.2	0.0678	0.0000	OK
2160 minute winter	J40	1140	184.314	0.049	5.3	0.0553	0.0000	OK
2160 minute winter	J41	1080	184.610	0.013	0.2	0.0143	0.0000	OK
2160 minute winter	J42	1140	184.555	0.018	0.4	0.0203	0.0000	OK
2160 minute winter	J43	1200	184.412	0.032	1.1	0.0360	0.0000	OK
2160 minute winter	J44	1140	184.401	0.031	1.2	0.0349	0.0000	OK
2160 minute winter	J45	1200	184.354	0.034	1.3	0.0380	0.0000	OK
2160 minute winter	J46	1140	184.264	0.041	1.9	0.0469	0.0000	OK
2160 minute winter	J47	1140	184.254	0.047	2.0	0.0530	0.0000	OK
2160 minute winter	J48	1200	184.242	0.048	2.7	0.0542	0.0000	OK
2160 minute winter	J49	1200	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J35	32.011	J36	3.4	0.725	0.038	0.0328	
2160 minute winter	J36	32.012	S15	3.6	0.722	0.120	0.0119	
2160 minute winter	J37	32.014	S16	4.3	0.802	0.078	0.0288	
2160 minute winter	J38	32.016	J39	5.0	0.477	0.093	0.1135	
2160 minute winter	J39	32.017	J40	5.2	0.598	0.095	0.0319	
2160 minute winter	J40	32.018	S10	5.3	0.736	0.053	0.0689	
2160 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0047	
2160 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0077	
2160 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0043	
2160 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.0244	
2160 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0067	
2160 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.0232	
2160 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.0167	
2160 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.0518	
2160 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J50	1140	184.219	0.054	3.1	0.0610	0.0000	OK
2160 minute winter	J51	1200	184.206	0.058	3.2	0.0658	0.0000	OK
2160 minute winter	J52	1140	184.199	0.055	3.4	0.0619	0.0000	OK
2160 minute winter	J53	1200	184.180	0.053	3.5	0.0604	0.0000	OK
2160 minute winter	J54	1140	185.151	0.022	0.6	0.0253	0.0000	OK
2160 minute winter	J55	1140	185.116	0.022	0.8	0.0254	0.0000	OK
2160 minute winter	J56	2100	184.159	0.151	5.0	0.1713	0.0000	OK
2160 minute winter	J57	2100	184.159	0.173	5.1	0.1962	0.0000	OK
2160 minute winter	BASIN 1	1560	186.154	1.229	8.4	157.9675	0.0000	SURCHARGED
2160 minute winter	BASIN 2	1560	184.851	0.551	3.9	55.7861	0.0000	OK
2160 minute winter	BASIN 3	2400	183.971	0.871	9.9	569.8071	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.0391	
2160 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0088	
2160 minute winter	J52	48.016	J53	3.4	0.465	0.111	0.0357	
2160 minute winter	J53	48.017	S24	3.5	0.528	0.116	0.0681	
2160 minute winter	J54	65.002	J55	0.6	0.458	0.101	0.0048	
2160 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
2160 minute winter	J56	48.019	J57	5.0	0.437	0.092	0.3537	
2160 minute winter	J57	48.020	S25	5.1	0.444	0.093	0.2716	
2160 minute winter	BASIN 1	1.023	S5	3.8	0.096	0.046	0.9418	
2160 minute winter	BASIN 1	Infiltration		0.1				11.0
2160 minute winter	BASIN 2	1.027	S7	3.8	0.576	0.046	0.1492	
2160 minute winter	BASIN 2	71.000	BH1	0.3	0.385	0.057	0.1829	
2160 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute winter	BASIN 3	1.034	BH2	0.5	0.335	0.004	1.8265	
2160 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	BASIN 4	2100	184.159	0.828	6.1	257.2391	0.0000	SURCHARGED
2160 minute winter	SWALE 1	1560	184.928	0.054	3.8	0.0775	0.0000	OK
2160 minute winter	SWALE 2	1560	184.430	0.055	3.8	0.0780	0.0000	OK
2160 minute winter	SWALE 3	1140	184.064	0.069	9.2	0.0992	0.0000	OK
2160 minute winter	BH1	1560	184.851	0.774	0.3	3.0462	0.0000	OK
2160 minute winter	BH2	2400	183.971	0.888	0.5	6.0182	0.0000	OK
2160 minute winter	BH3	2100	184.159	0.839	0.3	5.5225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	BASIN 4	48.022	BH3	0.3	0.253	0.005	0.3211	
2160 minute winter	BASIN 4	Infiltration		0.0				0.0
2160 minute winter	SWALE 1	1.025	S6	3.8	0.380	0.046	0.3797	
2160 minute winter	SWALE 2	1.029	S8	3.8	0.550	0.046	0.1836	
2160 minute winter	SWALE 3	1.033	BASIN 3	9.2	0.671	0.074	0.9655	
2160 minute winter	BH1	Infiltration		0.1				12.1
2160 minute winter	BH2	Infiltration		0.2				13.4
2160 minute winter	BH3	Infiltration		0.2				22.4

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S1	1440	188.385	0.015	0.4	0.0215	0.0000	OK
2880 minute summer	S2	1500	187.097	0.058	3.9	0.1003	0.0000	OK
2880 minute summer	S3	1500	186.195	0.058	5.3	0.0769	0.0000	OK
2880 minute summer	S4	1860	186.139	0.761	9.2	0.9760	0.0000	SURCHARGED
2880 minute summer	S5	1860	186.139	1.229	3.8	1.7587	0.0000	SURCHARGED
2880 minute summer	S6	1860	184.864	0.056	3.8	0.0805	0.0000	OK
2880 minute summer	S7	1860	184.788	0.029	3.8	0.0420	0.0000	OK
2880 minute summer	S8	1860	184.362	0.031	3.8	0.0450	0.0000	OK
2880 minute summer	S9	1560	184.178	0.053	3.8	0.0763	0.0000	OK
2880 minute summer	S10	1500	184.160	0.047	9.7	0.0851	0.0000	OK
2880 minute summer	S11	1440	186.420	0.020	0.5	0.0316	0.0000	OK
2880 minute summer	S12	1500	186.210	0.034	1.4	0.0509	0.0000	OK
2880 minute summer	S13	1560	186.018	0.025	2.5	0.0377	0.0000	OK
2880 minute summer	S14	1500	185.217	0.042	3.4	0.0664	0.0000	OK
2880 minute summer	S15	1500	184.902	0.035	4.4	0.0543	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S1	1.000	J1	0.4	0.375	0.046	0.0090	
2880 minute summer	S2	1.012	J12	3.9	0.532	0.131	0.0110	
2880 minute summer	S3	1.019	J18	5.3	0.799	0.099	0.0348	
2880 minute summer	S4	1.022	BASIN 1	9.1	0.682	0.055	1.1778	
2880 minute summer	S5	1.024	SWALE 1	3.8	0.384	0.046	0.2010	
2880 minute summer	S6	1.026	BASIN 2	3.8	0.400	0.044	0.0574	
2880 minute summer	S7	1.028	SWALE 2	3.8	0.571	0.013	0.1152	
2880 minute summer	S8	1.030	S9	3.8	0.591	0.015	0.0825	
2880 minute summer	S9	1.031	S10	3.8	0.590	0.045	0.0578	
2880 minute summer	S10	1.032	SWALE 3	9.7	0.879	0.029	0.0487	
2880 minute summer	S11	32.000	J28	0.5	0.424	0.084	0.0053	
2880 minute summer	S12	32.003	J30	1.4	0.438	0.105	0.0163	
2880 minute summer	S13	32.007	J33	2.5	1.037	0.026	0.0316	
2880 minute summer	S14	32.009	J34	3.4	0.606	0.067	0.0294	
2880 minute summer	S15	32.013	J37	4.4	1.174	0.048	0.0350	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S16	1500	184.514	0.027	5.2	0.0407	0.0000	OK
2880 minute summer	S17	1500	186.174	0.024	0.7	0.0379	0.0000	OK
2880 minute summer	S18	1860	186.140	0.315	1.9	0.4663	0.0000	SURCHARGED
2880 minute summer	S19	1860	186.139	0.373	3.0	0.5381	0.0000	SURCHARGED
2880 minute summer	S20	1500	184.658	0.016	0.3	0.0177	0.0000	OK
2880 minute summer	S21	1500	184.439	0.030	1.1	0.0399	0.0000	OK
2880 minute summer	S22	1500	184.276	0.045	2.1	0.0580	0.0000	OK
2880 minute summer	S23	1500	184.253	0.055	2.9	0.0709	0.0000	OK
2880 minute summer	S24	2460	184.111	0.094	5.4	0.1242	0.0000	OK
2880 minute summer	S25	2460	184.111	0.141	6.0	0.1956	0.0000	OK
2880 minute summer	S26	1500	185.392	0.015	0.5	0.0221	0.0000	OK
2880 minute summer	FC1	1560	188.302	0.052	0.2	0.0665	0.0000	OK
2880 minute summer	FC2	1560	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S16	32.015	J38	5.2	0.748	0.016	0.0169	
2880 minute summer	S17	23.001	J20	0.7	0.500	0.118	0.0194	
2880 minute summer	S18	23.006	J24	1.9	0.376	0.059	0.0729	
2880 minute summer	S19	23.010	J27	3.0	0.445	0.100	0.3541	
2880 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
2880 minute summer	S21	48.004	J43	1.1	0.394	0.082	0.0143	
2880 minute summer	S22	48.008	J46	2.1	0.373	0.067	0.0137	
2880 minute summer	S23	48.011	J48	2.9	0.403	0.094	0.0081	
2880 minute summer	S24	48.018	J56	5.4	0.436	0.101	0.0865	
2880 minute summer	S25	48.021	BASIN 4	6.0	0.559	0.113	0.1308	
2880 minute summer	S26	65.001	J54	0.5	0.495	0.048	0.0087	
2880 minute summer	FC1	2.000	J1	0.2	0.211	0.032	0.0048	
2880 minute summer	FC1	Infiltration		0.0				0.0
2880 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2880 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC3	1500	188.303	0.103	0.3	0.1393	0.0000	SURCHARGED
2880 minute summer	FC4	1620	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC5	1560	188.052	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC6	1680	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC7	1320	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC8	1560	187.800	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC9	1440	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC10	1500	187.573	0.103	0.3	0.1388	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
2880 minute summer	FC3	Infiltration		0.0				0.0
2880 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute summer	FC4	Infiltration		0.0				0.0
2880 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2880 minute summer	FC5	Infiltration		0.0				0.0
2880 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute summer	FC6	Infiltration		0.0				0.0
2880 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute summer	FC7	Infiltration		0.0				0.0
2880 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2880 minute summer	FC8	Infiltration		0.0				0.0
2880 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute summer	FC9	Infiltration		0.0				0.0
2880 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC11	1560	187.372	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC12	1560	187.282	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC13	1560	187.052	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC14	1560	186.949	0.049	0.2	0.6294	0.0000	OK
2880 minute summer	FC15	1200	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute summer	FC16	1380	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC17	1500	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC10	Infiltration		0.0				0.0
2880 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2880 minute summer	FC11	Infiltration		0.0				0.0
2880 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2880 minute summer	FC12	Infiltration		0.0				0.0
2880 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2880 minute summer	FC13	Infiltration		0.0				0.0
2880 minute summer	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2880 minute summer	FC14	Infiltration		0.0				0.0
2880 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute summer	FC15	Infiltration		0.0				0.0
2880 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2880 minute summer	FC16	Infiltration		0.0				0.0
2880 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC18	1200	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC19	1560	186.452	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC20	1560	187.000	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC21	1560	186.352	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC22	1560	186.472	0.022	0.1	0.2129	0.0000	OK
2880 minute summer	FC23	1320	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC24	1560	186.350	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC25	1560	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute summer	FC18	Infiltration		0.0				0.0
2880 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2880 minute summer	FC19	Infiltration		0.0				0.0
2880 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2880 minute summer	FC20	Infiltration		0.0				0.0
2880 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2880 minute summer	FC21	Infiltration		0.0				0.0
2880 minute summer	FC22	23.000	S17	0.1	0.227	0.007	0.0038	
2880 minute summer	FC22	Infiltration		0.0				0.0
2880 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0110	
2880 minute summer	FC23	Infiltration		0.0				0.0
2880 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0162	
2880 minute summer	FC24	Infiltration		0.0				0.0
2880 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC26	1560	186.472	0.022	0.1	0.2216	0.0000	OK
2880 minute summer	FC27	1200	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute summer	FC28	1560	186.550	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC29	1560	186.550	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC30	1560	186.800	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC31	1200	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC32	1440	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC25	Infiltration		0.0				0.0
2880 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2880 minute summer	FC26	Infiltration		0.0				0.0
2880 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
2880 minute summer	FC27	Infiltration		0.0				0.0
2880 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2880 minute summer	FC28	Infiltration		0.0				0.0
2880 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2880 minute summer	FC29	Infiltration		0.0				0.0
2880 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2880 minute summer	FC30	Infiltration		0.0				0.0
2880 minute summer	FC31	33.000	J28	0.1	0.203	0.011	0.0032	
2880 minute summer	FC31	Infiltration		0.0				0.0
2880 minute summer	FC32	34.000	J29	0.1	0.182	0.008	0.0034	
2880 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC33	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC34	1560	186.502	0.052	0.2	0.0668	0.0000	OK
2880 minute summer	FC35	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC36	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC37	1500	185.901	0.101	0.3	0.1362	0.0000	SURCHARGED
2880 minute summer	FC38	1440	185.472	0.022	0.1	0.2638	0.0000	OK
2880 minute summer	FC39	1380	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC40	1560	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2880 minute summer	FC33	Infiltration		0.0				0.0
2880 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2880 minute summer	FC34	Infiltration		0.0				0.0
2880 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2880 minute summer	FC35	Infiltration		0.0				0.0
2880 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2880 minute summer	FC36	Infiltration		0.0				0.0
2880 minute summer	FC37	39.000	J33	0.3	0.518	0.034	0.0038	
2880 minute summer	FC37	Infiltration		0.0				0.0
2880 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2880 minute summer	FC38	Infiltration		0.0				0.0
2880 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute summer	FC39	Infiltration		0.0				0.0
2880 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC41	1560	184.900	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC42	1560	184.650	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC43	1560	184.650	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC44	1200	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute summer	FC45	1620	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC46	1500	184.804	0.104	0.3	0.1399	0.0000	SURCHARGED
2880 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	FC48	1560	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC40	Infiltration		0.0				0.0
2880 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2880 minute summer	FC41	Infiltration		0.0				0.0
2880 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2880 minute summer	FC42	Infiltration		0.0				0.0
2880 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2880 minute summer	FC43	Infiltration		0.0				0.0
2880 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute summer	FC44	Infiltration		0.0				0.0
2880 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute summer	FC45	Infiltration		0.0				0.0
2880 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
2880 minute summer	FC46	Infiltration		0.0				0.0
2880 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
2880 minute summer	FC48	50.000	J42	0.2	0.320	0.014	0.0036	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC49	1560	184.852	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC50	1560	184.852	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC51	1560	184.902	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC52	1560	185.300	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC53	1560	185.300	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC54	1200	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC55	1260	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC48	Infiltration		0.0				0.0
2880 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2880 minute summer	FC49	Infiltration		0.0				0.0
2880 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2880 minute summer	FC50	Infiltration		0.0				0.0
2880 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2880 minute summer	FC51	Infiltration		0.0				0.0
2880 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2880 minute summer	FC52	Infiltration		0.0				0.0
2880 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2880 minute summer	FC53	Infiltration		0.0				0.0
2880 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute summer	FC54	Infiltration		0.0				0.0
2880 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC56	1200	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC57	1560	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC58	1200	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC59	1680	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC60	1560	185.400	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC61	1560	185.350	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC62	1500	185.352	0.102	0.3	0.1374	0.0000	SURCHARGED
2880 minute summer	FC63	1740	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute summer	FC56	Infiltration		0.0				0.0
2880 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute summer	FC57	Infiltration		0.0				0.0
2880 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute summer	FC58	Infiltration		0.0				0.0
2880 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute summer	FC59	Infiltration		0.0				0.0
2880 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2880 minute summer	FC60	Infiltration		0.0				0.0
2880 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2880 minute summer	FC61	Infiltration		0.0				0.0
2880 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
2880 minute summer	FC62	Infiltration		0.0				0.0
2880 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC64	1680	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	FC65	1560	185.200	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC66	1560	185.051	0.051	0.2	0.0660	0.0000	OK
2880 minute summer	FC67	1800	184.822	0.022	0.1	0.2262	0.0000	OK
2880 minute summer	FC68	1800	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute summer	J1	1500	188.224	0.024	1.0	0.0359	0.0000	OK
2880 minute summer	J2	1500	188.092	0.036	1.2	0.0403	0.0000	OK
2880 minute summer	J3	1500	188.084	0.034	1.5	0.0388	0.0000	OK
2880 minute summer	J4	1500	188.062	0.023	1.6	0.0264	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC63	Infiltration		0.0				0.0
2880 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
2880 minute summer	FC64	Infiltration		0.0				0.0
2880 minute summer	FC65	67.000	J55	0.2	0.267	0.021	0.0019	
2880 minute summer	FC65	Infiltration		0.0				0.0
2880 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2880 minute summer	FC66	Infiltration		0.0				0.0
2880 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2880 minute summer	FC67	Infiltration		0.0				0.0
2880 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute summer	FC68	Infiltration		0.0				0.0
2880 minute summer	J1	1.001	J2	1.0	0.696	0.121	0.0072	
2880 minute summer	J2	1.002	J3	1.2	0.396	0.089	0.0032	
2880 minute summer	J3	1.003	J4	1.5	0.634	0.113	0.0047	
2880 minute summer	J4	1.004	J5	1.6	0.953	0.047	0.0059	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J5	1500	187.932	0.022	1.8	0.0251	0.0000	OK
2880 minute summer	J6	1500	187.679	0.029	1.9	0.0329	0.0000	OK
2880 minute summer	J7	1500	187.561	0.036	2.0	0.0406	0.0000	OK
2880 minute summer	J8	1500	187.545	0.024	2.2	0.0276	0.0000	OK
2880 minute summer	J9	1500	187.314	0.039	2.3	0.0444	0.0000	OK
2880 minute summer	J10	1500	187.292	0.022	2.6	0.0254	0.0000	OK
2880 minute summer	J11	1500	187.153	0.032	2.8	0.0361	0.0000	OK
2880 minute summer	J12	1500	186.849	0.040	4.1	0.0449	0.0000	OK
2880 minute summer	J13	1500	186.691	0.064	4.3	0.0724	0.0000	OK
2880 minute summer	J14	1500	186.683	0.061	4.4	0.0690	0.0000	OK
2880 minute summer	J15	1500	186.672	0.055	4.5	0.0623	0.0000	OK
2880 minute summer	J16	1500	186.645	0.040	4.6	0.0455	0.0000	OK
2880 minute summer	J17	1500	186.309	0.026	4.7	0.0292	0.0000	OK
2880 minute summer	J18	1500	186.157	0.032	5.5	0.0365	0.0000	OK
2880 minute summer	J19	1860	186.140	0.113	5.7	0.1273	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J5	1.005	J6	1.8	0.902	0.047	0.0114	
2880 minute summer	J6	1.006	J7	1.9	0.851	0.067	0.0044	
2880 minute summer	J7	1.007	J8	2.0	0.634	0.065	0.0036	
2880 minute summer	J8	1.008	J9	2.2	0.643	0.025	0.0294	
2880 minute summer	J9	1.009	J10	2.3	0.712	0.069	0.0040	
2880 minute summer	J10	1.010	J11	2.6	0.960	0.020	0.0067	
2880 minute summer	J11	1.011	S2	2.8	0.498	0.043	0.0309	
2880 minute summer	J12	1.013	J13	4.1	0.905	0.061	0.0293	
2880 minute summer	J13	1.014	J14	4.3	0.404	0.076	0.0201	
2880 minute summer	J14	1.015	J15	4.4	0.460	0.078	0.0183	
2880 minute summer	J15	1.016	J16	4.5	0.626	0.084	0.0370	
2880 minute summer	J16	1.017	J17	4.6	0.874	0.032	0.0177	
2880 minute summer	J17	1.018	S3	4.7	0.789	0.015	0.0117	
2880 minute summer	J18	1.020	J19	5.5	0.730	0.019	0.0192	
2880 minute summer	J19	1.021	S4	5.7	0.553	0.103	0.1129	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J20	1860	186.140	0.109	0.8	0.1229	0.0000	OK
2880 minute summer	J21	1860	186.140	0.131	1.0	0.1478	0.0000	OK
2880 minute summer	J22	1860	186.140	0.177	1.2	0.1997	0.0000	SURCHARGED
2880 minute summer	J23	1860	186.140	0.198	1.3	0.2235	0.0000	SURCHARGED
2880 minute summer	J24	1860	186.140	0.322	2.0	0.3647	0.0000	SURCHARGED
2880 minute summer	J25	1860	186.140	0.343	2.2	0.3884	0.0000	SURCHARGED
2880 minute summer	J26	1860	186.139	0.360	2.4	0.4076	0.0000	SURCHARGED
2880 minute summer	J27	1860	186.139	0.403	3.2	0.4562	0.0000	SURCHARGED
2880 minute summer	J28	1500	186.378	0.022	0.6	0.0244	0.0000	OK
2880 minute summer	J29	1500	186.295	0.024	0.7	0.0272	0.0000	OK
2880 minute summer	J30	1500	186.184	0.037	1.6	0.0417	0.0000	OK
2880 minute summer	J31	1500	186.082	0.038	1.8	0.0433	0.0000	OK
2880 minute summer	J32	1560	186.050	0.039	2.0	0.0438	0.0000	OK
2880 minute summer	J33	1500	185.560	0.025	2.8	0.0288	0.0000	OK
2880 minute summer	J34	1500	185.173	0.048	3.5	0.0539	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J20	23.002	J21	0.8	0.374	0.059	0.0565	
2880 minute summer	J21	23.003	J22	1.0	0.400	0.075	0.1358	
2880 minute summer	J22	23.004	J23	1.2	0.431	0.089	0.0633	
2880 minute summer	J23	23.005	S18	1.3	0.474	0.097	0.1321	
2880 minute summer	J24	23.007	J25	2.0	0.383	0.066	0.2458	
2880 minute summer	J25	23.008	J26	2.2	0.381	0.073	0.1975	
2880 minute summer	J26	23.009	S19	2.4	0.380	0.078	0.1474	
2880 minute summer	J27	23.011	S4	3.2	0.507	0.107	0.0951	
2880 minute summer	J28	32.001	J29	0.6	0.447	0.101	0.0119	
2880 minute summer	J29	32.002	S12	0.7	0.496	0.118	0.0066	
2880 minute summer	J30	32.004	J31	1.6	0.494	0.121	0.0161	
2880 minute summer	J31	32.005	J32	1.8	0.400	0.060	0.0438	
2880 minute summer	J32	32.006	S13	2.0	0.583	0.066	0.0184	
2880 minute summer	J33	32.008	S14	2.8	0.755	0.027	0.0344	
2880 minute summer	J34	32.010	J35	3.5	0.757	0.091	0.0423	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J35	1500	185.106	0.031	3.6	0.0349	0.0000	OK
2880 minute summer	J36	1500	184.926	0.051	3.8	0.0573	0.0000	OK
2880 minute summer	J37	1500	184.554	0.054	4.6	0.0611	0.0000	OK
2880 minute summer	J38	1500	184.367	0.067	5.4	0.0753	0.0000	OK
2880 minute summer	J39	1500	184.336	0.062	5.6	0.0703	0.0000	OK
2880 minute summer	J40	1500	184.316	0.051	5.7	0.0574	0.0000	OK
2880 minute summer	J41	1500	184.612	0.015	0.3	0.0173	0.0000	OK
2880 minute summer	J42	1500	184.557	0.020	0.5	0.0227	0.0000	OK
2880 minute summer	J43	1500	184.415	0.035	1.3	0.0393	0.0000	OK
2880 minute summer	J44	1500	184.404	0.033	1.4	0.0379	0.0000	OK
2880 minute summer	J45	1500	184.356	0.036	1.5	0.0410	0.0000	OK
2880 minute summer	J46	1500	184.267	0.045	2.2	0.0511	0.0000	OK
2880 minute summer	J47	1500	184.258	0.051	2.3	0.0578	0.0000	OK
2880 minute summer	J48	1500	184.246	0.052	3.1	0.0586	0.0000	OK
2880 minute summer	J49	1500	184.230	0.061	3.3	0.0685	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J35	32.011	J36	3.6	0.737	0.040	0.0341	
2880 minute summer	J36	32.012	S15	3.8	0.729	0.127	0.0125	
2880 minute summer	J37	32.014	S16	4.6	0.817	0.083	0.0302	
2880 minute summer	J38	32.016	J39	5.4	0.488	0.100	0.1197	
2880 minute summer	J39	32.017	J40	5.6	0.611	0.102	0.0336	
2880 minute summer	J40	32.018	S10	5.7	0.751	0.057	0.0726	
2880 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0058	
2880 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0090	
2880 minute summer	J43	48.005	J44	1.3	0.432	0.093	0.0048	
2880 minute summer	J44	48.006	J45	1.4	0.452	0.105	0.0272	
2880 minute summer	J45	48.007	S22	1.5	0.483	0.111	0.0074	
2880 minute summer	J46	48.009	J47	2.2	0.354	0.071	0.0262	
2880 minute summer	J47	48.010	S23	2.3	0.323	0.076	0.0188	
2880 minute summer	J48	48.012	J49	3.1	0.401	0.104	0.0577	
2880 minute summer	J49	48.013	J50	3.3	0.397	0.108	0.0094	

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J50	1500	184.223	0.058	3.5	0.0655	0.0000	OK
2880 minute summer	J51	1500	184.210	0.062	3.6	0.0706	0.0000	OK
2880 minute summer	J52	1500	184.203	0.059	3.9	0.0666	0.0000	OK
2880 minute summer	J53	1500	184.184	0.057	4.0	0.0647	0.0000	OK
2880 minute summer	J54	1500	185.151	0.022	0.6	0.0253	0.0000	OK
2880 minute summer	J55	1560	185.116	0.022	0.8	0.0254	0.0000	OK
2880 minute summer	J56	2460	184.111	0.104	5.5	0.1181	0.0000	OK
2880 minute summer	J57	2460	184.111	0.126	5.6	0.1430	0.0000	OK
2880 minute summer	BASIN 1	1860	186.139	1.214	9.4	155.5062	0.0000	SURCHARGED
2880 minute summer	BASIN 2	1860	184.851	0.551	3.9	55.7682	0.0000	OK
2880 minute summer	BASIN 3	3120	184.065	0.965	10.6	614.8957	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J50	48.014	J51	3.5	0.412	0.117	0.0432	
2880 minute summer	J51	48.015	J52	3.6	0.418	0.117	0.0098	
2880 minute summer	J52	48.016	J53	3.9	0.482	0.128	0.0394	
2880 minute summer	J53	48.017	S24	4.0	0.547	0.133	0.0751	
2880 minute summer	J54	65.002	J55	0.6	0.461	0.101	0.0048	
2880 minute summer	J55	65.003	S24	0.8	0.621	0.105	0.0101	
2880 minute summer	J56	48.019	J57	5.5	0.448	0.101	0.2271	
2880 minute summer	J57	48.020	S25	5.6	0.457	0.103	0.1860	
2880 minute summer	BASIN 1	1.023	S5	3.8	0.096	0.046	0.9418	
2880 minute summer	BASIN 1	Infiltration		0.1				12.8
2880 minute summer	BASIN 2	1.027	S7	3.8	0.575	0.046	0.1486	
2880 minute summer	BASIN 2	71.000	BH1	0.3	0.396	0.056	0.1829	
2880 minute summer	BASIN 2	Infiltration		0.0				0.0
2880 minute summer	BASIN 3	1.034	BH2	2.2	0.337	0.018	1.8265	
2880 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	BASIN 4	2460	184.111	0.781	6.7	241.2012	0.0000	SURCHARGED
2880 minute summer	SWALE 1	1860	184.928	0.054	3.8	0.0773	0.0000	OK
2880 minute summer	SWALE 2	1860	184.429	0.054	3.8	0.0778	0.0000	OK
2880 minute summer	SWALE 3	1500	184.066	0.071	9.7	0.1016	0.0000	OK
2880 minute summer	BH1	1860	184.851	0.774	0.3	3.0458	0.0000	OK
2880 minute summer	BH2	3120	184.065	0.982	2.2	6.4848	0.0000	OK
2880 minute summer	BH3	2460	184.111	0.792	0.3	5.3030	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	BASIN 4	48.022	BH3	0.3	0.147	0.005	0.3211	
2880 minute summer	BASIN 4	Infiltration		0.0				0.0
2880 minute summer	SWALE 1	1.025	S6	3.8	0.379	0.046	0.3780	
2880 minute summer	SWALE 2	1.029	S8	3.8	0.549	0.046	0.1828	
2880 minute summer	SWALE 3	1.033	BASIN 3	9.7	0.681	0.077	1.9202	
2880 minute summer	BH1	Infiltration		0.1				16.1
2880 minute summer	BH2	Infiltration		0.2				17.8
2880 minute summer	BH3	Infiltration		0.2				26.9

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S1	1380	188.383	0.013	0.3	0.0188	0.0000	OK
2880 minute winter	S2	1560	187.086	0.047	2.6	0.0814	0.0000	OK
2880 minute winter	S3	1500	186.186	0.048	3.6	0.0644	0.0000	OK
2880 minute winter	S4	1980	186.068	0.690	6.2	0.8840	0.0000	SURCHARGED
2880 minute winter	S5	1980	186.067	1.157	3.7	1.6560	0.0000	SURCHARGED
2880 minute winter	S6	1980	184.863	0.055	3.7	0.0793	0.0000	OK
2880 minute winter	S7	1980	184.788	0.029	3.7	0.0414	0.0000	OK
2880 minute winter	S8	1980	184.361	0.031	3.7	0.0444	0.0000	OK
2880 minute winter	S9	1740	184.176	0.051	3.7	0.0733	0.0000	OK
2880 minute winter	S10	1560	184.154	0.041	7.7	0.0747	0.0000	OK
2880 minute winter	S11	1500	186.418	0.018	0.4	0.0282	0.0000	OK
2880 minute winter	S12	1500	186.206	0.030	1.1	0.0448	0.0000	OK
2880 minute winter	S13	1500	186.014	0.021	1.8	0.0321	0.0000	OK
2880 minute winter	S14	1440	185.210	0.035	2.4	0.0551	0.0000	OK
2880 minute winter	S15	1440	184.896	0.029	3.1	0.0456	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0070	
2880 minute winter	S2	1.012	J12	2.6	0.477	0.087	0.0082	
2880 minute winter	S3	1.019	J18	3.6	0.729	0.068	0.0261	
2880 minute winter	S4	1.022	BASIN 1	6.2	0.682	0.037	1.1778	
2880 minute winter	S5	1.024	SWALE 1	3.7	0.381	0.044	0.1966	
2880 minute winter	S6	1.026	BASIN 2	3.7	0.394	0.042	0.0562	
2880 minute winter	S7	1.028	SWALE 2	3.7	0.565	0.012	0.1128	
2880 minute winter	S8	1.030	S9	3.7	0.584	0.014	0.0792	
2880 minute winter	S9	1.031	S10	3.7	0.583	0.044	0.0511	
2880 minute winter	S10	1.032	SWALE 3	7.7	0.829	0.023	0.0559	
2880 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
2880 minute winter	S12	32.003	J30	1.1	0.419	0.082	0.0133	
2880 minute winter	S13	32.007	J33	1.8	0.936	0.018	0.0250	
2880 minute winter	S14	32.009	J34	2.4	0.549	0.047	0.0229	
2880 minute winter	S15	32.013	J37	3.1	1.061	0.034	0.0273	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S16	1440	184.510	0.022	3.6	0.0343	0.0000	OK
2880 minute winter	S17	1440	186.170	0.020	0.5	0.0319	0.0000	OK
2880 minute winter	S18	1980	186.068	0.244	1.3	0.3602	0.0000	SURCHARGED
2880 minute winter	S19	1980	186.068	0.302	2.0	0.4346	0.0000	SURCHARGED
2880 minute winter	S20	1440	184.655	0.013	0.2	0.0145	0.0000	OK
2880 minute winter	S21	1500	184.433	0.024	0.7	0.0316	0.0000	OK
2880 minute winter	S22	1500	184.267	0.036	1.4	0.0464	0.0000	OK
2880 minute winter	S23	1500	184.243	0.045	2.0	0.0574	0.0000	OK
2880 minute winter	S24	2700	184.165	0.148	3.7	0.1942	0.0000	OK
2880 minute winter	S25	2700	184.165	0.195	4.2	0.2693	0.0000	OK
2880 minute winter	S26	1320	185.391	0.013	0.4	0.0199	0.0000	OK
2880 minute winter	FC1	1980	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC2	1140	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S16	32.015	J38	3.6	0.678	0.011	0.0129	
2880 minute winter	S17	23.001	J20	0.5	0.455	0.084	0.0079	
2880 minute winter	S18	23.006	J24	1.3	0.340	0.041	0.0729	
2880 minute winter	S19	23.010	J27	2.0	0.403	0.067	0.3541	
2880 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2880 minute winter	S21	48.004	J43	0.7	0.356	0.053	0.0100	
2880 minute winter	S22	48.008	J46	1.4	0.343	0.045	0.0099	
2880 minute winter	S23	48.011	J48	2.0	0.378	0.065	0.0059	
2880 minute winter	S24	48.018	J56	3.7	0.397	0.069	0.1529	
2880 minute winter	S25	48.021	BASIN 4	4.2	0.508	0.079	0.1911	
2880 minute winter	S26	65.001	J54	0.4	0.457	0.039	0.0076	
2880 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0035	
2880 minute winter	FC1	Infiltration		0.0				0.0
2880 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute winter	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC3	1440	188.252	0.052	0.2	0.0697	0.0000	OK
2880 minute winter	FC4	1740	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC5	1680	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC6	1740	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC7	1800	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC8	1500	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC9	1260	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC10	1440	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2880 minute winter	FC3	Infiltration		0.0				0.0
2880 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute winter	FC4	Infiltration		0.0				0.0
2880 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute winter	FC5	Infiltration		0.0				0.0
2880 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute winter	FC6	Infiltration		0.0				0.0
2880 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute winter	FC7	Infiltration		0.0				0.0
2880 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute winter	FC8	Infiltration		0.0				0.0
2880 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute winter	FC9	Infiltration		0.0				0.0
2880 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC11	1680	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC12	1800	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC13	1920	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC14	1140	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute winter	FC15	1080	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute winter	FC16	1860	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC17	1860	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC10	Infiltration		0.0				0.0
2880 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute winter	FC11	Infiltration		0.0				0.0
2880 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute winter	FC12	Infiltration		0.0				0.0
2880 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute winter	FC13	Infiltration		0.0				0.0
2880 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute winter	FC14	Infiltration		0.0				0.0
2880 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute winter	FC15	Infiltration		0.0				0.0
2880 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2880 minute winter	FC16	Infiltration		0.0				0.0
2880 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute winter	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC18	1080	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC19	1980	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC20	1020	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC21	1320	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC22	1440	186.472	0.022	0.1	0.2129	0.0000	OK
2880 minute winter	FC23	1440	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC24	1140	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC25	1020	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute winter	FC18	Infiltration		0.0				0.0
2880 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute winter	FC19	Infiltration		0.0				0.0
2880 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute winter	FC20	Infiltration		0.0				0.0
2880 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute winter	FC21	Infiltration		0.0				0.0
2880 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
2880 minute winter	FC22	Infiltration		0.0				0.0
2880 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2880 minute winter	FC23	Infiltration		0.0				0.0
2880 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0012	
2880 minute winter	FC24	Infiltration		0.0				0.0
2880 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC26	1320	186.472	0.022	0.1	0.2216	0.0000	OK
2880 minute winter	FC27	1080	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute winter	FC28	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC29	1020	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC30	1560	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC31	1800	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC32	1860	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC25	Infiltration		0.0				0.0
2880 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2880 minute winter	FC26	Infiltration		0.0				0.0
2880 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
2880 minute winter	FC27	Infiltration		0.0				0.0
2880 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute winter	FC28	Infiltration		0.0				0.0
2880 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute winter	FC29	Infiltration		0.0				0.0
2880 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute winter	FC30	Infiltration		0.0				0.0
2880 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
2880 minute winter	FC31	Infiltration		0.0				0.0
2880 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
2880 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC33	1080	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC34	1680	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC35	1200	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC36	1020	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC37	1440	185.850	0.050	0.2	0.0678	0.0000	OK
2880 minute winter	FC38	1200	185.472	0.022	0.1	0.2638	0.0000	OK
2880 minute winter	FC39	1140	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC40	1020	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute winter	FC33	Infiltration		0.0				0.0
2880 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute winter	FC34	Infiltration		0.0				0.0
2880 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute winter	FC35	Infiltration		0.0				0.0
2880 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute winter	FC36	Infiltration		0.0				0.0
2880 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2880 minute winter	FC37	Infiltration		0.0				0.0
2880 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2880 minute winter	FC38	Infiltration		0.0				0.0
2880 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute winter	FC39	Infiltration		0.0				0.0
2880 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC41	1860	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC42	1140	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC43	1380	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC44	1080	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute winter	FC45	1320	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC46	1440	184.752	0.052	0.2	0.0702	0.0000	OK
2880 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC48	1980	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC40	Infiltration		0.0				0.0
2880 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute winter	FC41	Infiltration		0.0				0.0
2880 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute winter	FC42	Infiltration		0.0				0.0
2880 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute winter	FC43	Infiltration		0.0				0.0
2880 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute winter	FC44	Infiltration		0.0				0.0
2880 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute winter	FC45	Infiltration		0.0				0.0
2880 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2880 minute winter	FC46	Infiltration		0.0				0.0
2880 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2880 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC49	1980	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC50	1500	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC51	1680	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC52	1980	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC53	1620	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC54	1920	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC55	1920	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC48	Infiltration		0.0				0.0
2880 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute winter	FC49	Infiltration		0.0				0.0
2880 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute winter	FC50	Infiltration		0.0				0.0
2880 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute winter	FC51	Infiltration		0.0				0.0
2880 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute winter	FC52	Infiltration		0.0				0.0
2880 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute winter	FC53	Infiltration		0.0				0.0
2880 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute winter	FC54	Infiltration		0.0				0.0
2880 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC56	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC57	1620	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC58	1680	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC59	1860	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC60	1920	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC61	1260	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC62	1440	185.301	0.050	0.2	0.0682	0.0000	OK
2880 minute winter	FC63	1140	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute winter	FC56	Infiltration		0.0				0.0
2880 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute winter	FC57	Infiltration		0.0				0.0
2880 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute winter	FC58	Infiltration		0.0				0.0
2880 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute winter	FC59	Infiltration		0.0				0.0
2880 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute winter	FC60	Infiltration		0.0				0.0
2880 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute winter	FC61	Infiltration		0.0				0.0
2880 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2880 minute winter	FC62	Infiltration		0.0				0.0
2880 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC64	1860	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC65	1140	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC66	1860	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC67	1680	184.822	0.022	0.1	0.2262	0.0000	OK
2880 minute winter	FC68	1260	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	J1	1620	188.220	0.020	0.7	0.0299	0.0000	OK
2880 minute winter	J2	1620	188.085	0.029	0.8	0.0325	0.0000	OK
2880 minute winter	J3	1560	188.078	0.028	1.0	0.0319	0.0000	OK
2880 minute winter	J4	1500	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC63	Infiltration		0.0				0.0
2880 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
2880 minute winter	FC64	Infiltration		0.0				0.0
2880 minute winter	FC65	67.000	J55	0.1	0.267	0.010	0.0014	
2880 minute winter	FC65	Infiltration		0.0				0.0
2880 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute winter	FC66	Infiltration		0.0				0.0
2880 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2880 minute winter	FC67	Infiltration		0.0				0.0
2880 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute winter	FC68	Infiltration		0.0				0.0
2880 minute winter	J1	1.001	J2	0.7	0.630	0.084	0.0056	
2880 minute winter	J2	1.002	J3	0.8	0.345	0.060	0.0024	
2880 minute winter	J3	1.003	J4	1.0	0.559	0.075	0.0035	
2880 minute winter	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J5	1620	187.928	0.018	1.2	0.0207	0.0000	OK
2880 minute winter	J6	1380	187.674	0.024	1.3	0.0269	0.0000	OK
2880 minute winter	J7	1440	187.555	0.030	1.4	0.0342	0.0000	OK
2880 minute winter	J8	1620	187.541	0.020	1.5	0.0230	0.0000	OK
2880 minute winter	J9	1380	187.308	0.033	1.6	0.0369	0.0000	OK
2880 minute winter	J10	1500	187.289	0.019	1.8	0.0211	0.0000	OK
2880 minute winter	J11	1380	187.148	0.027	1.9	0.0300	0.0000	OK
2880 minute winter	J12	1560	186.841	0.032	2.7	0.0363	0.0000	OK
2880 minute winter	J13	1560	186.679	0.052	2.8	0.0583	0.0000	OK
2880 minute winter	J14	1560	186.672	0.050	2.9	0.0564	0.0000	OK
2880 minute winter	J15	1500	186.663	0.046	3.0	0.0516	0.0000	OK
2880 minute winter	J16	1620	186.638	0.033	3.1	0.0372	0.0000	OK
2880 minute winter	J17	1500	186.305	0.022	3.2	0.0244	0.0000	OK
2880 minute winter	J18	1500	186.150	0.025	3.7	0.0286	0.0000	OK
2880 minute winter	J19	1500	186.081	0.054	3.8	0.0611	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J5	1.005	J6	1.2	0.801	0.031	0.0085	
2880 minute winter	J6	1.006	J7	1.3	0.771	0.046	0.0033	
2880 minute winter	J7	1.007	J8	1.4	0.574	0.046	0.0028	
2880 minute winter	J8	1.008	J9	1.5	0.574	0.017	0.0225	
2880 minute winter	J9	1.009	J10	1.6	0.662	0.049	0.0031	
2880 minute winter	J10	1.010	J11	1.8	0.873	0.014	0.0051	
2880 minute winter	J11	1.011	S2	1.9	0.451	0.030	0.0231	
2880 minute winter	J12	1.013	J13	2.7	0.806	0.040	0.0217	
2880 minute winter	J13	1.014	J14	2.8	0.356	0.049	0.0149	
2880 minute winter	J14	1.015	J15	2.9	0.403	0.051	0.0138	
2880 minute winter	J15	1.016	J16	3.0	0.555	0.056	0.0279	
2880 minute winter	J16	1.017	J17	3.1	0.785	0.022	0.0133	
2880 minute winter	J17	1.018	S3	3.2	0.709	0.010	0.0090	
2880 minute winter	J18	1.020	J19	3.7	0.675	0.013	0.0085	
2880 minute winter	J19	1.021	S4	3.8	0.496	0.069	0.0337	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J20	1980	186.068	0.037	0.6	0.0417	0.0000	OK
2880 minute winter	J21	1980	186.068	0.059	0.7	0.0665	0.0000	OK
2880 minute winter	J22	1980	186.068	0.105	0.8	0.1185	0.0000	OK
2880 minute winter	J23	1980	186.068	0.126	0.9	0.1422	0.0000	OK
2880 minute winter	J24	1980	186.068	0.251	1.4	0.2835	0.0000	SURCHARGED
2880 minute winter	J25	1980	186.068	0.272	1.5	0.3072	0.0000	SURCHARGED
2880 minute winter	J26	1980	186.068	0.289	1.6	0.3264	0.0000	SURCHARGED
2880 minute winter	J27	1980	186.068	0.332	2.1	0.3750	0.0000	SURCHARGED
2880 minute winter	J28	1440	186.376	0.020	0.5	0.0222	0.0000	OK
2880 minute winter	J29	1440	186.293	0.022	0.6	0.0251	0.0000	OK
2880 minute winter	J30	1500	186.179	0.032	1.2	0.0359	0.0000	OK
2880 minute winter	J31	1560	186.077	0.032	1.3	0.0367	0.0000	OK
2880 minute winter	J32	1440	186.044	0.033	1.4	0.0371	0.0000	OK
2880 minute winter	J33	1500	185.557	0.022	2.0	0.0245	0.0000	OK
2880 minute winter	J34	1560	185.166	0.040	2.5	0.0458	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J20	23.002	J21	0.6	0.355	0.044	0.0184	
2880 minute winter	J21	23.003	J22	0.7	0.370	0.052	0.0783	
2880 minute winter	J22	23.004	J23	0.8	0.382	0.059	0.0519	
2880 minute winter	J23	23.005	S18	0.9	0.427	0.067	0.1252	
2880 minute winter	J24	23.007	J25	1.4	0.357	0.047	0.2458	
2880 minute winter	J25	23.008	J26	1.5	0.355	0.050	0.1975	
2880 minute winter	J26	23.009	S19	1.6	0.349	0.052	0.1474	
2880 minute winter	J27	23.011	S4	2.1	0.454	0.070	0.0951	
2880 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
2880 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
2880 minute winter	J30	32.004	J31	1.2	0.456	0.090	0.0131	
2880 minute winter	J31	32.005	J32	1.3	0.367	0.043	0.0345	
2880 minute winter	J32	32.006	S13	1.4	0.518	0.047	0.0145	
2880 minute winter	J33	32.008	S14	2.0	0.694	0.019	0.0266	
2880 minute winter	J34	32.010	J35	2.5	0.682	0.065	0.0335	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J35	1440	185.101	0.026	2.6	0.0299	0.0000	OK
2880 minute winter	J36	1440	184.918	0.043	2.7	0.0486	0.0000	OK
2880 minute winter	J37	1440	184.546	0.046	3.2	0.0518	0.0000	OK
2880 minute winter	J38	1440	184.355	0.055	3.7	0.0622	0.0000	OK
2880 minute winter	J39	1560	184.326	0.052	3.8	0.0585	0.0000	OK
2880 minute winter	J40	1560	184.307	0.042	3.9	0.0473	0.0000	OK
2880 minute winter	J41	1440	184.610	0.013	0.2	0.0143	0.0000	OK
2880 minute winter	J42	1440	184.553	0.016	0.3	0.0176	0.0000	OK
2880 minute winter	J43	1500	184.407	0.027	0.8	0.0305	0.0000	OK
2880 minute winter	J44	1500	184.397	0.027	0.9	0.0301	0.0000	OK
2880 minute winter	J45	1500	184.349	0.029	1.0	0.0332	0.0000	OK
2880 minute winter	J46	1500	184.258	0.036	1.5	0.0410	0.0000	OK
2880 minute winter	J47	1500	184.248	0.041	1.6	0.0463	0.0000	OK
2880 minute winter	J48	1500	184.236	0.042	2.1	0.0471	0.0000	OK
2880 minute winter	J49	1500	184.217	0.048	2.2	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J35	32.011	J36	2.6	0.673	0.029	0.0270	
2880 minute winter	J36	32.012	S15	2.7	0.661	0.090	0.0098	
2880 minute winter	J37	32.014	S16	3.2	0.727	0.058	0.0237	
2880 minute winter	J38	32.016	J39	3.7	0.438	0.068	0.0915	
2880 minute winter	J39	32.017	J40	3.8	0.544	0.069	0.0256	
2880 minute winter	J40	32.018	S10	3.9	0.675	0.039	0.0553	
2880 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0042	
2880 minute winter	J42	48.003	S21	0.3	0.392	0.051	0.0063	
2880 minute winter	J43	48.005	J44	0.8	0.377	0.057	0.0034	
2880 minute winter	J44	48.006	J45	0.9	0.398	0.067	0.0199	
2880 minute winter	J45	48.007	S22	1.0	0.432	0.074	0.0055	
2880 minute winter	J46	48.009	J47	1.5	0.332	0.049	0.0190	
2880 minute winter	J47	48.010	S23	1.6	0.306	0.053	0.0138	
2880 minute winter	J48	48.012	J49	2.1	0.375	0.070	0.0417	
2880 minute winter	J49	48.013	J50	2.2	0.369	0.072	0.0068	

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J50	1500	184.211	0.046	2.3	0.0516	0.0000	OK
2880 minute winter	J51	1500	184.198	0.050	2.4	0.0566	0.0000	OK
2880 minute winter	J52	1500	184.192	0.047	2.6	0.0537	0.0000	OK
2880 minute winter	J53	1500	184.174	0.047	2.7	0.0530	0.0000	OK
2880 minute winter	J54	1560	185.149	0.020	0.5	0.0231	0.0000	OK
2880 minute winter	J55	1320	185.113	0.019	0.6	0.0219	0.0000	OK
2880 minute winter	J56	2700	184.165	0.158	3.8	0.1783	0.0000	OK
2880 minute winter	J57	2700	184.165	0.180	3.9	0.2033	0.0000	OK
2880 minute winter	BASIN 1	1980	186.067	1.142	6.4	143.7975	0.0000	SURCHARGED
2880 minute winter	BASIN 2	1980	184.850	0.550	3.8	55.6809	0.0000	OK
2880 minute winter	BASIN 3	3120	184.096	0.996	8.3	629.9484	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J50	48.014	J51	2.3	0.374	0.077	0.0312	
2880 minute winter	J51	48.015	J52	2.4	0.380	0.078	0.0072	
2880 minute winter	J52	48.016	J53	2.6	0.431	0.085	0.0294	
2880 minute winter	J53	48.017	S24	2.7	0.491	0.090	0.0792	
2880 minute winter	J54	65.002	J55	0.5	0.453	0.084	0.0040	
2880 minute winter	J55	65.003	S24	0.6	0.572	0.079	0.0082	
2880 minute winter	J56	48.019	J57	3.8	0.408	0.070	0.3705	
2880 minute winter	J57	48.020	S25	3.9	0.414	0.071	0.2827	
2880 minute winter	BASIN 1	1.023	S5	3.7	0.096	0.044	0.9418	
2880 minute winter	BASIN 1	Infiltration		0.1				13.6
2880 minute winter	BASIN 2	1.027	S7	3.7	0.570	0.045	0.1456	
2880 minute winter	BASIN 2	71.000	BH1	0.4	0.263	0.065	0.1829	
2880 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	0.5	0.028	0.004	1.8265	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2700	184.165	0.835	4.7	259.3869	0.0000	SURCHARGED
2880 minute winter	SWALE 1	1980	184.927	0.053	3.7	0.0761	0.0000	OK
2880 minute winter	SWALE 2	1980	184.429	0.054	3.7	0.0767	0.0000	OK
2880 minute winter	SWALE 3	3120	184.096	0.101	7.7	0.1451	0.0000	OK
2880 minute winter	BH1	1980	184.850	0.773	0.4	3.0436	0.0000	OK
2880 minute winter	BH2	3120	184.096	1.013	0.5	6.6388	0.0000	OK
2880 minute winter	BH3	2700	184.165	0.846	0.2	5.5517	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.2	0.235	0.005	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
2880 minute winter	SWALE 1	1.025	S6	3.7	0.376	0.044	0.3697	
2880 minute winter	SWALE 2	1.029	S8	3.7	0.544	0.045	0.1791	
2880 minute winter	SWALE 3	1.033	BASIN 3	7.7	0.639	0.061	2.3638	
2880 minute winter	BH1	Infiltration		0.1				15.7
2880 minute winter	BH2	Infiltration		0.2				18.0
2880 minute winter	BH3	Infiltration		0.2				28.3

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S1	2100	188.383	0.013	0.3	0.0188	0.0000	OK
4320 minute summer	S2	2220	187.092	0.053	3.3	0.0918	0.0000	OK
4320 minute summer	S3	2220	186.191	0.054	4.6	0.0719	0.0000	OK
4320 minute summer	S4	2640	186.066	0.688	7.8	0.8824	0.0000	SURCHARGED
4320 minute summer	S5	2640	186.066	1.156	3.7	1.6543	0.0000	SURCHARGED
4320 minute summer	S6	2640	184.863	0.055	3.7	0.0792	0.0000	OK
4320 minute summer	S7	2640	184.788	0.029	3.7	0.0414	0.0000	OK
4320 minute summer	S8	2640	184.361	0.031	3.7	0.0444	0.0000	OK
4320 minute summer	S9	2460	184.176	0.051	3.7	0.0736	0.0000	OK
4320 minute summer	S10	2220	184.157	0.044	8.8	0.0808	0.0000	OK
4320 minute summer	S11	2160	186.418	0.018	0.4	0.0282	0.0000	OK
4320 minute summer	S12	2220	186.208	0.032	1.2	0.0469	0.0000	OK
4320 minute summer	S13	2220	186.017	0.024	2.2	0.0354	0.0000	OK
4320 minute summer	S14	2220	185.214	0.039	2.9	0.0610	0.0000	OK
4320 minute summer	S15	2220	184.899	0.032	3.8	0.0505	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S1	1.000	J1	0.3	0.355	0.034	0.0075	
4320 minute summer	S2	1.012	J12	3.3	0.511	0.111	0.0097	
4320 minute summer	S3	1.019	J18	4.6	0.770	0.086	0.0313	
4320 minute summer	S4	1.022	BASIN 1	7.8	0.685	0.046	1.1778	
4320 minute summer	S5	1.024	SWALE 1	3.7	0.381	0.044	0.1965	
4320 minute summer	S6	1.026	BASIN 2	3.7	0.389	0.042	0.0562	
4320 minute summer	S7	1.028	SWALE 2	3.7	0.565	0.012	0.1128	
4320 minute summer	S8	1.030	S9	3.7	0.586	0.014	0.0797	
4320 minute summer	S9	1.031	S10	3.7	0.583	0.044	0.0544	
4320 minute summer	S10	1.032	SWALE 3	8.8	0.859	0.027	0.0905	
4320 minute summer	S11	32.000	J28	0.4	0.394	0.067	0.0046	
4320 minute summer	S12	32.003	J30	1.2	0.419	0.090	0.0146	
4320 minute summer	S13	32.007	J33	2.2	0.997	0.022	0.0287	
4320 minute summer	S14	32.009	J34	2.9	0.579	0.057	0.0263	
4320 minute summer	S15	32.013	J37	3.8	1.125	0.041	0.0315	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S16	2220	184.512	0.025	4.5	0.0380	0.0000	OK
4320 minute summer	S17	2160	186.170	0.020	0.5	0.0319	0.0000	OK
4320 minute summer	S18	2640	186.067	0.243	1.5	0.3584	0.0000	SURCHARGED
4320 minute summer	S19	2640	186.066	0.300	2.4	0.4329	0.0000	SURCHARGED
4320 minute summer	S20	2220	184.655	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	S21	2220	184.436	0.027	0.9	0.0357	0.0000	OK
4320 minute summer	S22	2220	184.272	0.041	1.8	0.0532	0.0000	OK
4320 minute summer	S23	2220	184.249	0.051	2.5	0.0654	0.0000	OK
4320 minute summer	S24	3240	184.142	0.125	4.7	0.1639	0.0000	OK
4320 minute summer	S25	3240	184.142	0.172	5.2	0.2374	0.0000	OK
4320 minute summer	S26	2220	185.391	0.013	0.4	0.0199	0.0000	OK
4320 minute summer	FC1	2220	188.302	0.052	0.2	0.0665	0.0000	OK
4320 minute summer	FC2	2220	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S16	32.015	J38	4.5	0.716	0.014	0.0153	
4320 minute summer	S17	23.001	J20	0.5	0.455	0.084	0.0079	
4320 minute summer	S18	23.006	J24	1.5	0.354	0.047	0.0729	
4320 minute summer	S19	23.010	J27	2.4	0.415	0.080	0.3541	
4320 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
4320 minute summer	S21	48.004	J43	0.9	0.371	0.068	0.0124	
4320 minute summer	S22	48.008	J46	1.8	0.362	0.057	0.0121	
4320 minute summer	S23	48.011	J48	2.5	0.389	0.081	0.0072	
4320 minute summer	S24	48.018	J56	4.7	0.422	0.088	0.1237	
4320 minute summer	S25	48.021	BASIN 4	5.2	0.535	0.098	0.1654	
4320 minute summer	S26	65.001	J54	0.4	0.458	0.039	0.0076	
4320 minute summer	FC1	2.000	J1	0.2	0.227	0.032	0.0043	
4320 minute summer	FC1	Infiltration		0.0				0.0
4320 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
4320 minute summer	FC2	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC3	2220	188.252	0.052	0.2	0.0697	0.0000	OK
4320 minute summer	FC4	2100	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC5	2220	188.052	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC6	2580	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC7	1920	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC8	2220	187.800	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC9	1980	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC10	2220	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
4320 minute summer	FC3	Infiltration		0.0				0.0
4320 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute summer	FC4	Infiltration		0.0				0.0
4320 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
4320 minute summer	FC5	Infiltration		0.0				0.0
4320 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute summer	FC6	Infiltration		0.0				0.0
4320 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute summer	FC7	Infiltration		0.0				0.0
4320 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
4320 minute summer	FC8	Infiltration		0.0				0.0
4320 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute summer	FC9	Infiltration		0.0				0.0
4320 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC11	2220	187.372	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC12	2220	187.282	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC13	2220	187.052	0.052	0.2	0.0670	0.0000	OK
4320 minute summer	FC14	2220	186.942	0.042	0.2	0.5326	0.0000	OK
4320 minute summer	FC15	1860	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute summer	FC16	2100	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC17	2580	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC10	Infiltration		0.0				0.0
4320 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
4320 minute summer	FC11	Infiltration		0.0				0.0
4320 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
4320 minute summer	FC12	Infiltration		0.0				0.0
4320 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
4320 minute summer	FC13	Infiltration		0.0				0.0
4320 minute summer	FC14	15.000	J13	0.2	0.334	0.029	0.0039	
4320 minute summer	FC14	Infiltration		0.0				0.0
4320 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute summer	FC15	Infiltration		0.0				0.0
4320 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute summer	FC16	Infiltration		0.0				0.0
4320 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute summer	FC17	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC18	2100	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC19	2220	186.452	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC20	2220	187.000	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC21	2220	186.352	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC22	2220	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute summer	FC23	2340	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC24	2220	186.350	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC25	2220	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute summer	FC18	Infiltration		0.0				0.0
4320 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
4320 minute summer	FC19	Infiltration		0.0				0.0
4320 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
4320 minute summer	FC20	Infiltration		0.0				0.0
4320 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
4320 minute summer	FC21	Infiltration		0.0				0.0
4320 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
4320 minute summer	FC22	Infiltration		0.0				0.0
4320 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute summer	FC23	Infiltration		0.0				0.0
4320 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
4320 minute summer	FC24	Infiltration		0.0				0.0
4320 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC26	2460	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute summer	FC27	1860	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute summer	FC28	2220	186.550	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC29	2220	186.550	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC30	2220	186.800	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC31	2100	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC32	2100	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC25	Infiltration		0.0				0.0
4320 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute summer	FC26	Infiltration		0.0				0.0
4320 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
4320 minute summer	FC27	Infiltration		0.0				0.0
4320 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
4320 minute summer	FC28	Infiltration		0.0				0.0
4320 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
4320 minute summer	FC29	Infiltration		0.0				0.0
4320 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
4320 minute summer	FC30	Infiltration		0.0				0.0
4320 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
4320 minute summer	FC31	Infiltration		0.0				0.0
4320 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
4320 minute summer	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC33	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC34	2220	186.502	0.052	0.2	0.0668	0.0000	OK
4320 minute summer	FC35	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC36	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC37	2220	185.850	0.050	0.2	0.0678	0.0000	OK
4320 minute summer	FC38	2160	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute summer	FC39	2040	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC40	2220	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
4320 minute summer	FC33	Infiltration		0.0				0.0
4320 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
4320 minute summer	FC34	Infiltration		0.0				0.0
4320 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
4320 minute summer	FC35	Infiltration		0.0				0.0
4320 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
4320 minute summer	FC36	Infiltration		0.0				0.0
4320 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
4320 minute summer	FC37	Infiltration		0.0				0.0
4320 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute summer	FC38	Infiltration		0.0				0.0
4320 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute summer	FC39	Infiltration		0.0				0.0
4320 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC41	2220	184.900	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC42	2220	184.650	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC43	2220	184.650	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC44	1860	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute summer	FC45	1920	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC46	2220	184.752	0.052	0.2	0.0702	0.0000	OK
4320 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC48	2220	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC40	Infiltration		0.0				0.0
4320 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
4320 minute summer	FC41	Infiltration		0.0				0.0
4320 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
4320 minute summer	FC42	Infiltration		0.0				0.0
4320 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
4320 minute summer	FC43	Infiltration		0.0				0.0
4320 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute summer	FC44	Infiltration		0.0				0.0
4320 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute summer	FC45	Infiltration		0.0				0.0
4320 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
4320 minute summer	FC46	Infiltration		0.0				0.0
4320 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
4320 minute summer	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC49	2220	184.852	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC50	2220	184.852	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC51	2220	184.902	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC52	2220	185.300	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC53	2220	185.300	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC54	2100	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC55	2340	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC48	Infiltration		0.0				0.0
4320 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
4320 minute summer	FC49	Infiltration		0.0				0.0
4320 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
4320 minute summer	FC50	Infiltration		0.0				0.0
4320 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
4320 minute summer	FC51	Infiltration		0.0				0.0
4320 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
4320 minute summer	FC52	Infiltration		0.0				0.0
4320 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
4320 minute summer	FC53	Infiltration		0.0				0.0
4320 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute summer	FC54	Infiltration		0.0				0.0
4320 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute summer	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC56	1860	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC57	2400	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC58	2340	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC59	2340	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC60	2220	185.400	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC61	2220	185.350	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC62	2220	185.301	0.050	0.2	0.0682	0.0000	OK
4320 minute summer	FC63	2460	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute summer	FC56	Infiltration		0.0				0.0
4320 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute summer	FC57	Infiltration		0.0				0.0
4320 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute summer	FC58	Infiltration		0.0				0.0
4320 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute summer	FC59	Infiltration		0.0				0.0
4320 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
4320 minute summer	FC60	Infiltration		0.0				0.0
4320 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
4320 minute summer	FC61	Infiltration		0.0				0.0
4320 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
4320 minute summer	FC62	Infiltration		0.0				0.0
4320 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC64	1980	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC65	2220	185.200	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC66	2220	185.051	0.051	0.2	0.0660	0.0000	OK
4320 minute summer	FC67	1980	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute summer	FC68	2040	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	J1	2220	188.222	0.022	0.8	0.0320	0.0000	OK
4320 minute summer	J2	2220	188.088	0.032	1.0	0.0362	0.0000	OK
4320 minute summer	J3	2220	188.081	0.031	1.2	0.0348	0.0000	OK
4320 minute summer	J4	2220	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC63	Infiltration		0.0				0.0
4320 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
4320 minute summer	FC64	Infiltration		0.0				0.0
4320 minute summer	FC65	67.000	J55	0.2	0.275	0.021	0.0018	
4320 minute summer	FC65	Infiltration		0.0				0.0
4320 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
4320 minute summer	FC66	Infiltration		0.0				0.0
4320 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute summer	FC67	Infiltration		0.0				0.0
4320 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute summer	FC68	Infiltration		0.0				0.0
4320 minute summer	J1	1.001	J2	0.8	0.654	0.096	0.0061	
4320 minute summer	J2	1.002	J3	1.0	0.374	0.074	0.0028	
4320 minute summer	J3	1.003	J4	1.2	0.594	0.090	0.0040	
4320 minute summer	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J5	2220	187.930	0.020	1.5	0.0230	0.0000	OK
4320 minute summer	J6	2220	187.677	0.027	1.6	0.0300	0.0000	OK
4320 minute summer	J7	2220	187.558	0.033	1.7	0.0376	0.0000	OK
4320 minute summer	J8	2220	187.544	0.023	1.9	0.0258	0.0000	OK
4320 minute summer	J9	2220	187.312	0.037	2.0	0.0415	0.0000	OK
4320 minute summer	J10	2220	187.291	0.021	2.2	0.0233	0.0000	OK
4320 minute summer	J11	2220	187.151	0.030	2.4	0.0335	0.0000	OK
4320 minute summer	J12	2220	186.846	0.037	3.5	0.0414	0.0000	OK
4320 minute summer	J13	2220	186.686	0.059	3.7	0.0669	0.0000	OK
4320 minute summer	J14	2220	186.679	0.057	3.8	0.0641	0.0000	OK
4320 minute summer	J15	2220	186.668	0.051	3.9	0.0581	0.0000	OK
4320 minute summer	J16	2220	186.642	0.037	4.0	0.0422	0.0000	OK
4320 minute summer	J17	2220	186.307	0.024	4.1	0.0272	0.0000	OK
4320 minute summer	J18	2220	186.155	0.030	4.8	0.0334	0.0000	OK
4320 minute summer	J19	2220	186.089	0.062	5.0	0.0701	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J5	1.005	J6	1.5	0.856	0.039	0.0100	
4320 minute summer	J6	1.006	J7	1.6	0.814	0.056	0.0039	
4320 minute summer	J7	1.007	J8	1.7	0.600	0.055	0.0032	
4320 minute summer	J8	1.008	J9	1.9	0.616	0.021	0.0266	
4320 minute summer	J9	1.009	J10	2.0	0.692	0.061	0.0036	
4320 minute summer	J10	1.010	J11	2.2	0.915	0.017	0.0059	
4320 minute summer	J11	1.011	S2	2.4	0.481	0.037	0.0274	
4320 minute summer	J12	1.013	J13	3.5	0.867	0.052	0.0261	
4320 minute summer	J13	1.014	J14	3.7	0.386	0.065	0.0180	
4320 minute summer	J14	1.015	J15	3.8	0.439	0.067	0.0165	
4320 minute summer	J15	1.016	J16	3.9	0.599	0.073	0.0334	
4320 minute summer	J16	1.017	J17	4.0	0.840	0.028	0.0159	
4320 minute summer	J17	1.018	S3	4.1	0.758	0.013	0.0106	
4320 minute summer	J18	1.020	J19	4.8	0.707	0.017	0.0104	
4320 minute summer	J19	1.021	S4	5.0	0.530	0.090	0.0413	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J20	2640	186.067	0.036	0.6	0.0404	0.0000	OK
4320 minute summer	J21	2640	186.067	0.058	0.8	0.0652	0.0000	OK
4320 minute summer	J22	2640	186.067	0.104	1.0	0.1172	0.0000	OK
4320 minute summer	J23	2640	186.067	0.125	1.1	0.1409	0.0000	OK
4320 minute summer	J24	2640	186.067	0.249	1.6	0.2822	0.0000	SURCHARGED
4320 minute summer	J25	2640	186.067	0.270	1.8	0.3059	0.0000	SURCHARGED
4320 minute summer	J26	2640	186.067	0.287	2.0	0.3251	0.0000	SURCHARGED
4320 minute summer	J27	2640	186.066	0.330	2.6	0.3736	0.0000	SURCHARGED
4320 minute summer	J28	2160	186.376	0.020	0.5	0.0222	0.0000	OK
4320 minute summer	J29	2280	186.293	0.022	0.6	0.0251	0.0000	OK
4320 minute summer	J30	2220	186.181	0.034	1.4	0.0389	0.0000	OK
4320 minute summer	J31	2220	186.080	0.036	1.6	0.0407	0.0000	OK
4320 minute summer	J32	2220	186.048	0.037	1.8	0.0417	0.0000	OK
4320 minute summer	J33	2220	185.559	0.024	2.4	0.0267	0.0000	OK
4320 minute summer	J34	2220	185.169	0.044	3.0	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J20	23.002	J21	0.6	0.354	0.044	0.0178	
4320 minute summer	J21	23.003	J22	0.8	0.372	0.060	0.0770	
4320 minute summer	J22	23.004	J23	1.0	0.409	0.074	0.0514	
4320 minute summer	J23	23.005	S18	1.1	0.452	0.082	0.1247	
4320 minute summer	J24	23.007	J25	1.6	0.361	0.053	0.2458	
4320 minute summer	J25	23.008	J26	1.8	0.365	0.060	0.1975	
4320 minute summer	J26	23.009	S19	2.0	0.380	0.065	0.1474	
4320 minute summer	J27	23.011	S4	2.6	0.474	0.086	0.0951	
4320 minute summer	J28	32.001	J29	0.5	0.421	0.084	0.0105	
4320 minute summer	J29	32.002	S12	0.6	0.476	0.101	0.0059	
4320 minute summer	J30	32.004	J31	1.4	0.476	0.106	0.0146	
4320 minute summer	J31	32.005	J32	1.6	0.385	0.053	0.0405	
4320 minute summer	J32	32.006	S13	1.8	0.568	0.060	0.0170	
4320 minute summer	J33	32.008	S14	2.4	0.725	0.023	0.0306	
4320 minute summer	J34	32.010	J35	3.0	0.722	0.078	0.0380	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J35	2220	185.104	0.029	3.1	0.0325	0.0000	OK
4320 minute summer	J36	2220	184.922	0.047	3.3	0.0535	0.0000	OK
4320 minute summer	J37	2220	184.551	0.051	4.0	0.0573	0.0000	OK
4320 minute summer	J38	2220	184.362	0.062	4.7	0.0702	0.0000	OK
4320 minute summer	J39	2220	184.332	0.058	4.9	0.0659	0.0000	OK
4320 minute summer	J40	2220	184.312	0.047	5.0	0.0537	0.0000	OK
4320 minute summer	J41	2220	184.610	0.013	0.2	0.0143	0.0000	OK
4320 minute summer	J42	2220	184.555	0.018	0.4	0.0203	0.0000	OK
4320 minute summer	J43	2220	184.412	0.032	1.1	0.0360	0.0000	OK
4320 minute summer	J44	2220	184.401	0.031	1.2	0.0349	0.0000	OK
4320 minute summer	J45	2220	184.354	0.034	1.3	0.0380	0.0000	OK
4320 minute summer	J46	2220	184.264	0.041	1.9	0.0469	0.0000	OK
4320 minute summer	J47	2220	184.254	0.047	2.0	0.0530	0.0000	OK
4320 minute summer	J48	2220	184.242	0.048	2.7	0.0542	0.0000	OK
4320 minute summer	J49	2220	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J35	32.011	J36	3.1	0.702	0.035	0.0309	
4320 minute summer	J36	32.012	S15	3.3	0.702	0.110	0.0113	
4320 minute summer	J37	32.014	S16	4.0	0.782	0.072	0.0275	
4320 minute summer	J38	32.016	J39	4.7	0.468	0.087	0.1087	
4320 minute summer	J39	32.017	J40	4.9	0.588	0.090	0.0306	
4320 minute summer	J40	32.018	S10	5.0	0.725	0.050	0.0660	
4320 minute summer	J41	48.002	J42	0.2	0.299	0.034	0.0047	
4320 minute summer	J42	48.003	S21	0.4	0.425	0.068	0.0077	
4320 minute summer	J43	48.005	J44	1.1	0.413	0.079	0.0043	
4320 minute summer	J44	48.006	J45	1.2	0.433	0.090	0.0244	
4320 minute summer	J45	48.007	S22	1.3	0.465	0.096	0.0067	
4320 minute summer	J46	48.009	J47	1.9	0.346	0.062	0.0232	
4320 minute summer	J47	48.010	S23	2.0	0.316	0.066	0.0167	
4320 minute summer	J48	48.012	J49	2.7	0.389	0.090	0.0518	
4320 minute summer	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J50	2220	184.219	0.054	3.1	0.0610	0.0000	OK
4320 minute summer	J51	2220	184.206	0.058	3.2	0.0658	0.0000	OK
4320 minute summer	J52	2220	184.199	0.055	3.4	0.0619	0.0000	OK
4320 minute summer	J53	2220	184.180	0.053	3.5	0.0604	0.0000	OK
4320 minute summer	J54	2340	185.149	0.020	0.5	0.0231	0.0000	OK
4320 minute summer	J55	2220	185.115	0.021	0.7	0.0237	0.0000	OK
4320 minute summer	J56	3240	184.142	0.135	4.8	0.1523	0.0000	OK
4320 minute summer	J57	3240	184.142	0.157	4.9	0.1772	0.0000	OK
4320 minute summer	BASIN 1	2640	186.066	1.141	8.0	143.6054	0.0000	SURCHARGED
4320 minute summer	BASIN 2	2640	184.850	0.550	3.8	55.6789	0.0000	OK
4320 minute summer	BASIN 3	4080	184.138	1.038	9.5	650.1371	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J50	48.014	J51	3.1	0.403	0.104	0.0391	
4320 minute summer	J51	48.015	J52	3.2	0.411	0.104	0.0088	
4320 minute summer	J52	48.016	J53	3.4	0.465	0.111	0.0357	
4320 minute summer	J53	48.017	S24	3.5	0.528	0.116	0.0681	
4320 minute summer	J54	65.002	J55	0.5	0.453	0.084	0.0042	
4320 minute summer	J55	65.003	S24	0.7	0.598	0.092	0.0092	
4320 minute summer	J56	48.019	J57	4.8	0.433	0.089	0.3081	
4320 minute summer	J57	48.020	S25	4.9	0.442	0.090	0.2412	
4320 minute summer	BASIN 1	1.023	S5	3.7	0.096	0.044	0.9418	
4320 minute summer	BASIN 1	Infiltration		0.1				13.9
4320 minute summer	BASIN 2	1.027	S7	3.7	0.569	0.045	0.1455	
4320 minute summer	BASIN 2	71.000	BH1	0.2	0.276	0.030	0.1829	
4320 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute summer	BASIN 3	1.034	BH2	0.5	0.099	0.004	1.8265	
4320 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	BASIN 4	3240	184.142	0.812	5.7	251.4811	0.0000	SURCHARGED
4320 minute summer	SWALE 1	2640	184.927	0.053	3.7	0.0761	0.0000	OK
4320 minute summer	SWALE 2	2640	184.429	0.054	3.7	0.0767	0.0000	OK
4320 minute summer	SWALE 3	4080	184.138	0.143	8.8	0.2045	0.0000	OK
4320 minute summer	BH1	2640	184.850	0.773	0.2	3.0435	0.0000	OK
4320 minute summer	BH2	4140	184.138	1.055	0.5	6.8440	0.0000	OK
4320 minute summer	BH3	3240	184.142	0.823	0.3	5.4440	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
4320 minute summer	BASIN 4	Infiltration		0.0				0.0
4320 minute summer	SWALE 1	1.025	S6	3.7	0.376	0.044	0.3695	
4320 minute summer	SWALE 2	1.029	S8	3.7	0.544	0.045	0.1790	
4320 minute summer	SWALE 3	1.033	BASIN 3	8.8	0.662	0.071	2.9545	
4320 minute summer	BH1	Infiltration		0.1				22.9
4320 minute summer	BH2	Infiltration		0.2				25.9
4320 minute summer	BH3	Infiltration		0.2				37.2

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S1	1800	188.381	0.011	0.2	0.0155	0.0000	OK
4320 minute winter	S2	2160	187.081	0.042	2.1	0.0728	0.0000	OK
4320 minute winter	S3	2220	186.182	0.045	3.0	0.0594	0.0000	OK
4320 minute winter	S4	2700	185.993	0.614	5.2	0.7877	0.0000	SURCHARGED
4320 minute winter	S5	2700	185.992	1.082	3.6	1.5486	0.0000	SURCHARGED
4320 minute winter	S6	2700	184.862	0.054	3.6	0.0779	0.0000	OK
4320 minute winter	S7	2700	184.788	0.028	3.6	0.0407	0.0000	OK
4320 minute winter	S8	2700	184.361	0.031	3.6	0.0437	0.0000	OK
4320 minute winter	S9	4200	184.251	0.126	3.6	0.1798	0.0000	OK
4320 minute winter	S10	4200	184.251	0.138	10.6	0.2504	0.0000	OK
4320 minute winter	S11	2040	186.415	0.015	0.3	0.0243	0.0000	OK
4320 minute winter	S12	2160	186.203	0.027	0.9	0.0404	0.0000	OK
4320 minute winter	S13	2040	186.013	0.020	1.5	0.0295	0.0000	OK
4320 minute winter	S14	2100	185.206	0.031	1.9	0.0488	0.0000	OK
4320 minute winter	S15	2040	184.893	0.026	2.5	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
4320 minute winter	S2	1.012	J12	2.1	0.453	0.070	0.0069	
4320 minute winter	S3	1.019	J18	3.0	0.696	0.056	0.0229	
4320 minute winter	S4	1.022	BASIN 1	5.2	0.670	0.031	1.1778	
4320 minute winter	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1917	
4320 minute winter	S6	1.026	BASIN 2	3.6	0.377	0.041	0.0549	
4320 minute winter	S7	1.028	SWALE 2	3.6	0.558	0.012	0.1102	
4320 minute winter	S8	1.030	S9	3.6	0.577	0.014	0.1981	
4320 minute winter	S9	1.031	S10	3.6	0.573	0.042	0.2304	
4320 minute winter	S10	1.032	SWALE 3	7.9	0.809	0.024	0.2542	
4320 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038	
4320 minute winter	S12	32.003	J30	0.9	0.395	0.067	0.0116	
4320 minute winter	S13	32.007	J33	1.5	0.898	0.015	0.0217	
4320 minute winter	S14	32.009	J34	1.9	0.514	0.037	0.0194	
4320 minute winter	S15	32.013	J37	2.5	0.996	0.027	0.0234	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	2100	184.507	0.020	2.9	0.0311	0.0000	OK
4320 minute winter	S17	2100	186.168	0.018	0.4	0.0286	0.0000	OK
4320 minute winter	S18	2700	185.993	0.169	1.1	0.2492	0.0000	OK
4320 minute winter	S19	2700	185.993	0.227	1.7	0.3265	0.0000	SURCHARGED
4320 minute winter	S20	2880	184.651	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	S21	1980	184.429	0.020	0.5	0.0264	0.0000	OK
4320 minute winter	S22	2340	184.262	0.031	1.1	0.0407	0.0000	OK
4320 minute winter	S23	2280	184.238	0.040	1.6	0.0510	0.0000	OK
4320 minute winter	S24	3360	184.183	0.166	3.0	0.2183	0.0000	OK
4320 minute winter	S25	3360	184.183	0.213	3.4	0.2947	0.0000	OK
4320 minute winter	S26	2340	185.389	0.012	0.3	0.0174	0.0000	OK
4320 minute winter	FC1	2820	188.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC2	1980	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	2.9	0.635	0.009	0.0111	
4320 minute winter	S17	23.001	J20	0.4	0.426	0.067	0.0067	
4320 minute winter	S18	23.006	J24	1.1	0.326	0.034	0.0597	
4320 minute winter	S19	23.010	J27	1.7	0.385	0.057	0.3540	
4320 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
4320 minute winter	S21	48.004	J43	0.5	0.322	0.038	0.0079	
4320 minute winter	S22	48.008	J46	1.1	0.324	0.035	0.0083	
4320 minute winter	S23	48.011	J48	1.6	0.357	0.052	0.0050	
4320 minute winter	S24	48.018	J56	3.0	0.376	0.056	0.1760	
4320 minute winter	S25	48.021	BASIN 4	3.4	0.478	0.064	0.2105	
4320 minute winter	S26	65.001	J54	0.3	0.409	0.029	0.0063	
4320 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
4320 minute winter	FC1	Infiltration		0.0				0.0
4320 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
4320 minute winter	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC3	1440	188.222	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC4	2400	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC5	2820	188.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC6	2280	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC7	2100	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC8	2520	187.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC9	2160	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC10	2100	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
4320 minute winter	FC3	Infiltration		0.0				0.0
4320 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute winter	FC4	Infiltration		0.0				0.0
4320 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
4320 minute winter	FC5	Infiltration		0.0				0.0
4320 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute winter	FC6	Infiltration		0.0				0.0
4320 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute winter	FC7	Infiltration		0.0				0.0
4320 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
4320 minute winter	FC8	Infiltration		0.0				0.0
4320 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute winter	FC9	Infiltration		0.0				0.0
4320 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC11	1980	187.342	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC12	2820	187.252	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC13	2820	187.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC14	1980	186.922	0.022	0.1	0.2805	0.0000	OK
4320 minute winter	FC15	1800	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute winter	FC16	1800	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC17	2400	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC10	Infiltration		0.0				0.0
4320 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
4320 minute winter	FC11	Infiltration		0.0				0.0
4320 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
4320 minute winter	FC12	Infiltration		0.0				0.0
4320 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
4320 minute winter	FC13	Infiltration		0.0				0.0
4320 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
4320 minute winter	FC14	Infiltration		0.0				0.0
4320 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute winter	FC15	Infiltration		0.0				0.0
4320 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute winter	FC16	Infiltration		0.0				0.0
4320 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute winter	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC18	2100	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC19	2520	186.422	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC20	1620	186.972	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC21	2100	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC22	2160	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute winter	FC23	2400	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC24	2400	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC25	1620	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute winter	FC18	Infiltration		0.0				0.0
4320 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
4320 minute winter	FC19	Infiltration		0.0				0.0
4320 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
4320 minute winter	FC20	Infiltration		0.0				0.0
4320 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
4320 minute winter	FC21	Infiltration		0.0				0.0
4320 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
4320 minute winter	FC22	Infiltration		0.0				0.0
4320 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute winter	FC23	Infiltration		0.0				0.0
4320 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
4320 minute winter	FC24	Infiltration		0.0				0.0
4320 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC26	2340	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute winter	FC27	1800	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute winter	FC28	1620	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC29	1620	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC30	2100	186.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC31	2580	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC32	2580	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC25	Infiltration		0.0				0.0
4320 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute winter	FC26	Infiltration		0.0				0.0
4320 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0090	
4320 minute winter	FC27	Infiltration		0.0				0.0
4320 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
4320 minute winter	FC28	Infiltration		0.0				0.0
4320 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
4320 minute winter	FC29	Infiltration		0.0				0.0
4320 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
4320 minute winter	FC30	Infiltration		0.0				0.0
4320 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
4320 minute winter	FC31	Infiltration		0.0				0.0
4320 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
4320 minute winter	FC32	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC33	2400	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC34	2280	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC35	1620	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC36	1620	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC37	2820	185.822	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC38	1980	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute winter	FC39	2640	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC40	1620	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
4320 minute winter	FC33	Infiltration		0.0				0.0
4320 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
4320 minute winter	FC34	Infiltration		0.0				0.0
4320 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
4320 minute winter	FC35	Infiltration		0.0				0.0
4320 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
4320 minute winter	FC36	Infiltration		0.0				0.0
4320 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
4320 minute winter	FC37	Infiltration		0.0				0.0
4320 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute winter	FC38	Infiltration		0.0				0.0
4320 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute winter	FC39	Infiltration		0.0				0.0
4320 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC41	1620	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC42	1980	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC43	2820	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC44	1800	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute winter	FC45	1980	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC46	2400	184.722	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC48	2280	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC40	Infiltration		0.0				0.0
4320 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
4320 minute winter	FC41	Infiltration		0.0				0.0
4320 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
4320 minute winter	FC42	Infiltration		0.0				0.0
4320 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
4320 minute winter	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute winter	FC44	Infiltration		0.0				0.0
4320 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute winter	FC45	Infiltration		0.0				0.0
4320 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
4320 minute winter	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
4320 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC49	1920	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC50	1860	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC51	2100	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC52	1620	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC53	2640	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC54	2220	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC55	1860	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC48	Infiltration		0.0				0.0
4320 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
4320 minute winter	FC49	Infiltration		0.0				0.0
4320 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
4320 minute winter	FC50	Infiltration		0.0				0.0
4320 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
4320 minute winter	FC51	Infiltration		0.0				0.0
4320 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
4320 minute winter	FC52	Infiltration		0.0				0.0
4320 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
4320 minute winter	FC53	Infiltration		0.0				0.0
4320 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute winter	FC54	Infiltration		0.0				0.0
4320 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute winter	FC55	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC56	1800	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC57	2160	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC58	2160	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC59	2280	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC60	2460	185.372	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC61	1680	185.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC62	1440	185.272	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC63	2280	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute winter	FC56	Infiltration		0.0				0.0
4320 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute winter	FC57	Infiltration		0.0				0.0
4320 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute winter	FC58	Infiltration		0.0				0.0
4320 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute winter	FC59	Infiltration		0.0				0.0
4320 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
4320 minute winter	FC60	Infiltration		0.0				0.0
4320 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
4320 minute winter	FC61	Infiltration		0.0				0.0
4320 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
4320 minute winter	FC62	Infiltration		0.0				0.0
4320 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC64	2640	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC65	2640	185.172	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC66	2520	185.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC67	2580	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute winter	FC68	1800	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	J1	1800	188.217	0.017	0.5	0.0252	0.0000	OK
4320 minute winter	J2	1860	188.080	0.024	0.6	0.0276	0.0000	OK
4320 minute winter	J3	2040	188.074	0.024	0.7	0.0269	0.0000	OK
4320 minute winter	J4	2040	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC63	Infiltration		0.0				0.0
4320 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
4320 minute winter	FC64	Infiltration		0.0				0.0
4320 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0013	
4320 minute winter	FC65	Infiltration		0.0				0.0
4320 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
4320 minute winter	FC66	Infiltration		0.0				0.0
4320 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute winter	FC67	Infiltration		0.0				0.0
4320 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute winter	FC68	Infiltration		0.0				0.0
4320 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
4320 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0019	
4320 minute winter	J3	1.003	J4	0.7	0.499	0.053	0.0028	
4320 minute winter	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J5	1980	187.926	0.016	0.9	0.0181	0.0000	OK
4320 minute winter	J6	2160	187.671	0.021	1.0	0.0235	0.0000	OK
4320 minute winter	J7	2340	187.552	0.027	1.1	0.0306	0.0000	OK
4320 minute winter	J8	2340	187.539	0.018	1.2	0.0208	0.0000	OK
4320 minute winter	J9	2100	187.305	0.030	1.3	0.0334	0.0000	OK
4320 minute winter	J10	2280	187.287	0.017	1.4	0.0188	0.0000	OK
4320 minute winter	J11	2520	187.145	0.024	1.5	0.0268	0.0000	OK
4320 minute winter	J12	2280	186.838	0.029	2.2	0.0328	0.0000	OK
4320 minute winter	J13	2280	186.674	0.047	2.3	0.0528	0.0000	OK
4320 minute winter	J14	2280	186.668	0.045	2.4	0.0514	0.0000	OK
4320 minute winter	J15	2280	186.659	0.042	2.5	0.0474	0.0000	OK
4320 minute winter	J16	2160	186.635	0.030	2.6	0.0340	0.0000	OK
4320 minute winter	J17	2160	186.303	0.020	2.7	0.0226	0.0000	OK
4320 minute winter	J18	2280	186.148	0.023	3.1	0.0257	0.0000	OK
4320 minute winter	J19	2220	186.077	0.050	3.2	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J5	1.005	J6	0.9	0.733	0.024	0.0070	
4320 minute winter	J6	1.006	J7	1.0	0.719	0.035	0.0027	
4320 minute winter	J7	1.007	J8	1.1	0.529	0.036	0.0024	
4320 minute winter	J8	1.008	J9	1.2	0.534	0.013	0.0194	
4320 minute winter	J9	1.009	J10	1.3	0.628	0.040	0.0026	
4320 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043	
4320 minute winter	J11	1.011	S2	1.5	0.438	0.023	0.0197	
4320 minute winter	J12	1.013	J13	2.2	0.760	0.033	0.0187	
4320 minute winter	J13	1.014	J14	2.3	0.337	0.041	0.0130	
4320 minute winter	J14	1.015	J15	2.4	0.379	0.043	0.0121	
4320 minute winter	J15	1.016	J16	2.5	0.525	0.047	0.0246	
4320 minute winter	J16	1.017	J17	2.6	0.748	0.018	0.0117	
4320 minute winter	J17	1.018	S3	2.7	0.665	0.009	0.0080	
4320 minute winter	J18	1.020	J19	3.1	0.645	0.011	0.0075	
4320 minute winter	J19	1.021	S4	3.2	0.473	0.058	0.0299	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J20	2340	186.051	0.020	0.5	0.0230	0.0000	OK
4320 minute winter	J21	2220	186.031	0.022	0.6	0.0245	0.0000	OK
4320 minute winter	J22	2700	185.993	0.030	0.7	0.0340	0.0000	OK
4320 minute winter	J23	2700	185.993	0.051	0.8	0.0574	0.0000	OK
4320 minute winter	J24	2700	185.993	0.176	1.2	0.1986	0.0000	OK
4320 minute winter	J25	2700	185.993	0.197	1.3	0.2224	0.0000	OK
4320 minute winter	J26	2700	185.993	0.214	1.4	0.2416	0.0000	OK
4320 minute winter	J27	2700	185.993	0.257	1.8	0.2901	0.0000	SURCHARGED
4320 minute winter	J28	2340	186.374	0.018	0.4	0.0199	0.0000	OK
4320 minute winter	J29	2220	186.291	0.020	0.5	0.0229	0.0000	OK
4320 minute winter	J30	2040	186.176	0.029	1.0	0.0327	0.0000	OK
4320 minute winter	J31	2220	186.074	0.030	1.1	0.0338	0.0000	OK
4320 minute winter	J32	2340	186.042	0.031	1.2	0.0346	0.0000	OK
4320 minute winter	J33	2400	185.555	0.020	1.6	0.0221	0.0000	OK
4320 minute winter	J34	2220	185.161	0.036	2.0	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J20	23.002	J21	0.5	0.335	0.037	0.0056	
4320 minute winter	J21	23.003	J22	0.6	0.354	0.045	0.0144	
4320 minute winter	J22	23.004	J23	0.7	0.367	0.052	0.0139	
4320 minute winter	J23	23.005	S18	0.8	0.413	0.060	0.0630	
4320 minute winter	J24	23.007	J25	1.2	0.342	0.040	0.2166	
4320 minute winter	J25	23.008	J26	1.3	0.344	0.043	0.1882	
4320 minute winter	J26	23.009	S19	1.4	0.349	0.046	0.1459	
4320 minute winter	J27	23.011	S4	1.8	0.436	0.060	0.0951	
4320 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091	
4320 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051	
4320 minute winter	J30	32.004	J31	1.0	0.433	0.075	0.0115	
4320 minute winter	J31	32.005	J32	1.1	0.348	0.037	0.0308	
4320 minute winter	J32	32.006	S13	1.2	0.498	0.040	0.0130	
4320 minute winter	J33	32.008	S14	1.6	0.660	0.015	0.0224	
4320 minute winter	J34	32.010	J35	2.0	0.636	0.052	0.0288	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J35	2220	185.099	0.024	2.1	0.0270	0.0000	OK
4320 minute winter	J36	2040	184.914	0.039	2.2	0.0441	0.0000	OK
4320 minute winter	J37	2280	184.542	0.042	2.6	0.0472	0.0000	OK
4320 minute winter	J38	2220	184.350	0.050	3.0	0.0560	0.0000	OK
4320 minute winter	J39	2400	184.321	0.047	3.1	0.0532	0.0000	OK
4320 minute winter	J40	2280	184.303	0.038	3.2	0.0429	0.0000	OK
4320 minute winter	J41	1440	184.606	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J42	2460	184.550	0.013	0.2	0.0145	0.0000	OK
4320 minute winter	J43	2520	184.403	0.023	0.6	0.0262	0.0000	OK
4320 minute winter	J44	2400	184.393	0.023	0.7	0.0264	0.0000	OK
4320 minute winter	J45	2220	184.346	0.026	0.8	0.0296	0.0000	OK
4320 minute winter	J46	2220	184.254	0.032	1.2	0.0362	0.0000	OK
4320 minute winter	J47	2040	184.243	0.036	1.3	0.0410	0.0000	OK
4320 minute winter	J48	2400	184.231	0.037	1.7	0.0420	0.0000	OK
4320 minute winter	J49	2040	184.212	0.043	1.8	0.0486	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J35	32.011	J36	2.1	0.626	0.024	0.0234	
4320 minute winter	J36	32.012	S15	2.2	0.623	0.073	0.0085	
4320 minute winter	J37	32.014	S16	2.6	0.678	0.047	0.0206	
4320 minute winter	J38	32.016	J39	3.0	0.410	0.056	0.0791	
4320 minute winter	J39	32.017	J40	3.1	0.510	0.057	0.0223	
4320 minute winter	J40	32.018	S10	3.2	0.638	0.032	0.0510	
4320 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
4320 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
4320 minute winter	J43	48.005	J44	0.6	0.348	0.043	0.0028	
4320 minute winter	J44	48.006	J45	0.7	0.369	0.052	0.0167	
4320 minute winter	J45	48.007	S22	0.8	0.406	0.059	0.0047	
4320 minute winter	J46	48.009	J47	1.2	0.318	0.039	0.0159	
4320 minute winter	J47	48.010	S23	1.3	0.295	0.043	0.0116	
4320 minute winter	J48	48.012	J49	1.7	0.357	0.057	0.0356	
4320 minute winter	J49	48.013	J50	1.8	0.353	0.059	0.0058	

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	2460	184.206	0.041	1.9	0.0464	0.0000	OK
4320 minute winter	J51	1980	184.193	0.045	2.0	0.0509	0.0000	OK
4320 minute winter	J52	2400	184.187	0.042	2.1	0.0480	0.0000	OK
4320 minute winter	J53	3360	184.183	0.056	2.2	0.0635	0.0000	OK
4320 minute winter	J54	2580	185.147	0.018	0.4	0.0206	0.0000	OK
4320 minute winter	J55	1980	185.112	0.018	0.5	0.0201	0.0000	OK
4320 minute winter	J56	3360	184.183	0.176	3.1	0.1991	0.0000	OK
4320 minute winter	J57	3360	184.183	0.198	3.2	0.2240	0.0000	OK
4320 minute winter	BASIN 1	2700	185.992	1.067	5.3	131.8334	0.0000	SURCHARGED
4320 minute winter	BASIN 2	2700	184.849	0.549	3.7	55.5827	0.0000	OK
4320 minute winter	BASIN 3	4200	184.251	1.151	7.3	706.0386	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	1.9	0.360	0.064	0.0268	
4320 minute winter	J51	48.015	J52	2.0	0.370	0.065	0.0061	
4320 minute winter	J52	48.016	J53	2.1	0.406	0.069	0.0301	
4320 minute winter	J53	48.017	S24	2.2	0.465	0.073	0.1167	
4320 minute winter	J54	65.002	J55	0.4	0.420	0.068	0.0035	
4320 minute winter	J55	65.003	S24	0.5	0.542	0.066	0.0072	
4320 minute winter	J56	48.019	J57	3.1	0.387	0.057	0.4193	
4320 minute winter	J57	48.020	S25	3.2	0.394	0.059	0.3145	
4320 minute winter	BASIN 1	1.023	S5	3.6	0.096	0.043	0.9418	
4320 minute winter	BASIN 1	Infiltration		0.1				15.7
4320 minute winter	BASIN 2	1.027	S7	3.6	0.562	0.043	0.1422	
4320 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.056	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.6	0.058	0.005	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 30 year +35% CC 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	3360	184.183	0.853	3.8	265.6734	0.0000	SURCHARGED
4320 minute winter	SWALE 1	2700	184.926	0.052	3.6	0.0748	0.0000	OK
4320 minute winter	SWALE 2	2700	184.428	0.053	3.6	0.0755	0.0000	OK
4320 minute winter	SWALE 3	4200	184.251	0.256	7.9	0.3657	0.0000	OK
4320 minute winter	BH1	2700	184.849	0.772	0.3	3.0411	0.0000	OK
4320 minute winter	BH2	4200	184.251	1.168	0.6	7.4047	0.0000	OK
4320 minute winter	BH3	3360	184.183	0.864	0.3	5.6370	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	3.6	0.372	0.043	0.3606	
4320 minute winter	SWALE 2	1.029	S8	3.6	0.538	0.043	0.1750	
4320 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.622	0.055	4.1110	
4320 minute winter	BH1	Infiltration		0.1				22.5
4320 minute winter	BH2	Infiltration		0.2				27.2
4320 minute winter	BH3	Infiltration		0.2				38.3

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.708	0.338	8.6	0.4975	0.0000	SURCHARGED
15 minute summer	S2	11	187.243	0.204	37.7	0.3531	0.0000	OK
15 minute summer	S3	12	186.328	0.191	48.7	0.2535	0.0000	OK
15 minute summer	S4	60	185.594	0.216	91.2	0.2769	0.0000	OK
15 minute summer	S5	60	185.594	0.684	4.6	0.9787	0.0000	SURCHARGED
15 minute summer	S6	62	184.854	0.046	2.8	0.0656	0.0000	OK
15 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.303	0.178	2.7	0.2546	0.0000	OK
15 minute summer	S10	12	184.303	0.190	84.8	0.3451	0.0000	OK
15 minute summer	S11	12	186.831	0.431	11.1	0.6766	0.0000	SURCHARGED
15 minute summer	S12	11	186.414	0.238	18.1	0.3514	0.0000	SURCHARGED
15 minute summer	S13	11	186.086	0.093	30.4	0.1385	0.0000	OK
15 minute summer	S14	11	185.388	0.213	43.1	0.3357	0.0000	OK
15 minute summer	S15	11	185.014	0.147	56.2	0.2317	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	6.9	0.878	0.786	0.0642	
15 minute summer	S2	1.012	J12	37.4	1.081	1.254	0.0512	
15 minute summer	S3	1.019	J18	48.8	1.177	0.915	0.2124	
15 minute summer	S4	1.022	BASIN 1	91.6	2.266	0.547	1.0429	
15 minute summer	S5	1.024	SWALE 1	2.8	0.407	0.034	0.1636	
15 minute summer	S6	1.026	BASIN 2	2.8	0.428	0.032	0.0378	
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.3092	
15 minute summer	S9	1.031	S10	-2.7	-0.210	-0.033	0.3588	
15 minute summer	S10	1.032	SWALE 3	83.5	1.355	0.253	0.2798	
15 minute summer	S11	32.000	J28	8.9	1.138	1.497	0.0355	
15 minute summer	S12	32.003	J30	17.8	1.011	1.332	0.0895	
15 minute summer	S13	32.007	J33	30.3	2.077	0.309	0.1898	
15 minute summer	S14	32.009	J34	42.9	1.133	0.845	0.1978	
15 minute summer	S15	32.013	J37	56.0	2.224	0.607	0.2350	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.635	0.148	68.7	0.2260	0.0000	OK
15 minute summer	S17	11	186.464	0.314	11.8	0.4991	0.0000	SURCHARGED
15 minute summer	S18	12	186.050	0.225	22.3	0.3333	0.0000	SURCHARGED
15 minute summer	S19	11	185.987	0.221	33.9	0.3188	0.0000	OK
15 minute summer	S20	17	184.668	0.026	0.8	0.0293	0.0000	OK
15 minute summer	S21	12	184.541	0.132	9.6	0.1749	0.0000	OK
15 minute summer	S22	12	184.471	0.240	17.8	0.3114	0.0000	SURCHARGED
15 minute summer	S23	12	184.446	0.248	25.5	0.3201	0.0000	SURCHARGED
15 minute summer	S24	12	184.274	0.257	44.8	0.3375	0.0000	OK
15 minute summer	S25	12	184.189	0.219	52.8	0.3025	0.0000	OK
15 minute summer	S26	12	185.520	0.143	9.1	0.2114	0.0000	SURCHARGED
15 minute summer	FC1	16	188.909	0.659	4.0	1.3112	0.0000	SURCHARGED
15 minute summer	FC2	15	188.802	0.652	4.0	1.2455	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	68.6	1.200	0.216	0.1213	
15 minute summer	S17	23.001	J20	10.9	1.387	1.831	0.0560	
15 minute summer	S18	23.006	J24	21.7	0.590	0.680	0.0727	
15 minute summer	S19	23.010	J27	33.6	0.878	1.121	0.3382	
15 minute summer	S20	48.001	J41	0.8	0.520	0.136	0.0072	
15 minute summer	S21	48.004	J43	9.2	0.634	0.691	0.0866	
15 minute summer	S22	48.008	J46	17.1	0.485	0.543	0.0967	
15 minute summer	S23	48.011	J48	25.0	0.631	0.810	0.0447	
15 minute summer	S24	48.018	J56	44.8	0.711	0.837	0.2671	
15 minute summer	S25	48.021	BASIN 4	52.8	1.067	0.991	0.1899	
15 minute summer	S26	65.001	J54	8.4	1.105	0.807	0.0667	
15 minute summer	FC1	2.000	J1	2.4	0.564	0.393	0.0372	
15 minute summer	FC1	Infiltration		0.0				0.0
15 minute summer	FC2	3.000	J2	1.0	0.515	0.174	0.0285	
15 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC3	16	188.859	0.659	5.6	1.8449	0.0000	SURCHARGED
15 minute summer	FC4	15	188.827	0.627	3.0	0.8649	0.0000	SURCHARGED
15 minute summer	FC5	15	188.649	0.649	4.0	1.2411	0.0000	SURCHARGED
15 minute summer	FC6	15	188.478	0.628	3.0	0.8641	0.0000	SURCHARGED
15 minute summer	FC7	15	188.378	0.628	3.0	0.8651	0.0000	SURCHARGED
15 minute summer	FC8	15	188.401	0.651	4.0	1.2373	0.0000	SURCHARGED
15 minute summer	FC9	15	188.098	0.628	3.0	0.8659	0.0000	SURCHARGED
15 minute summer	FC10	16	188.137	0.667	5.6	1.8415	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC3	4.000	J3	0.8	0.541	0.129	0.0361	
15 minute summer	FC3	Infiltration		0.0				0.0
15 minute summer	FC4	5.000	J4	0.8	0.607	0.106	0.0146	
15 minute summer	FC4	Infiltration		0.0				0.0
15 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0068	
15 minute summer	FC5	Infiltration		0.0				0.0
15 minute summer	FC6	7.000	J6	0.8	0.676	0.091	0.0228	
15 minute summer	FC6	Infiltration		0.0				0.0
15 minute summer	FC7	8.000	J7	0.8	0.587	0.111	0.0097	
15 minute summer	FC7	Infiltration		0.0				0.0
15 minute summer	FC8	9.000	J8	0.8	0.722	0.084	0.0047	
15 minute summer	FC8	Infiltration		0.0				0.0
15 minute summer	FC9	10.000	J9	0.8	0.517	0.132	0.0110	
15 minute summer	FC9	Infiltration		0.0				0.0
15 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC11	15	187.974	0.654	4.0	1.2400	0.0000	SURCHARGED
15 minute summer	FC12	15	187.885	0.655	4.0	1.2396	0.0000	SURCHARGED
15 minute summer	FC13	15	187.654	0.654	4.0	1.2401	0.0000	SURCHARGED
15 minute summer	FC14	18	187.022	0.121	4.0	1.5490	0.0000	SURCHARGED
15 minute summer	FC15	15	187.829	0.628	3.0	0.8622	0.0000	SURCHARGED
15 minute summer	FC16	15	187.529	0.629	3.0	0.8654	0.0000	SURCHARGED
15 minute summer	FC17	15	187.629	0.628	3.0	0.8629	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC10	Infiltration		0.0				0.0
15 minute summer	FC11	12.000	J11	0.8	0.518	0.136	0.0120	
15 minute summer	FC11	Infiltration		0.0				0.0
15 minute summer	FC12	13.000	S2	0.8	0.518	0.136	0.0280	
15 minute summer	FC12	Infiltration		0.0				0.0
15 minute summer	FC13	14.000	J12	0.8	0.519	0.135	0.0106	
15 minute summer	FC13	Infiltration		0.0				0.0
15 minute summer	FC14	15.000	J13	0.3	0.403	0.055	0.0061	
15 minute summer	FC14	Infiltration		0.0				0.0
15 minute summer	FC15	16.000	J14	0.8	1.099	0.046	0.0034	
15 minute summer	FC15	Infiltration		0.0				0.0
15 minute summer	FC16	17.000	J15	0.8	0.541	0.124	0.0110	
15 minute summer	FC16	Infiltration		0.0				0.0
15 minute summer	FC17	18.000	J16	0.8	0.858	0.065	0.0044	
15 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC18	15	187.179	0.629	3.0	0.8659	0.0000	SURCHARGED
15 minute summer	FC19	15	187.054	0.654	4.0	1.2402	0.0000	SURCHARGED
15 minute summer	FC20	15	187.600	0.650	4.0	1.2365	0.0000	SURCHARGED
15 minute summer	FC21	15	186.951	0.651	4.0	1.2405	0.0000	SURCHARGED
15 minute summer	FC22	17	186.566	0.116	3.0	1.1246	0.0000	SURCHARGED
15 minute summer	FC23	15	186.928	0.628	3.0	0.8628	0.0000	SURCHARGED
15 minute summer	FC24	15	186.951	0.651	4.0	1.2364	0.0000	SURCHARGED
15 minute summer	FC25	15	187.201	0.651	4.0	1.2364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC18	19.000	J17	0.8	0.515	0.133	0.0107	
15 minute summer	FC18	Infiltration		0.0				0.0
15 minute summer	FC19	20.000	S3	0.8	0.516	0.136	0.0103	
15 minute summer	FC19	Infiltration		0.0				0.0
15 minute summer	FC20	21.000	J18	0.8	1.044	0.050	0.0033	
15 minute summer	FC20	Infiltration		0.0				0.0
15 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0118	
15 minute summer	FC21	Infiltration		0.0				0.0
15 minute summer	FC22	23.000	S17	0.3	0.525	0.021	0.0200	
15 minute summer	FC22	Infiltration		0.0				0.0
15 minute summer	FC23	24.000	J20	0.8	0.909	0.059	0.0199	
15 minute summer	FC23	Infiltration		0.0				0.0
15 minute summer	FC24	25.000	J21	0.8	0.942	0.058	0.0201	
15 minute summer	FC24	Infiltration		0.0				0.0
15 minute summer	FC25	26.000	J22	0.8	1.037	0.051	0.0037	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC26	17	186.562	0.112	3.0	1.1282	0.0000	SURCHARGED
15 minute summer	FC27	15	187.128	0.628	3.0	0.8617	0.0000	SURCHARGED
15 minute summer	FC28	15	187.150	0.650	4.0	1.2365	0.0000	SURCHARGED
15 minute summer	FC29	15	187.147	0.647	4.0	1.2368	0.0000	SURCHARGED
15 minute summer	FC30	15	187.400	0.650	4.0	1.2366	0.0000	SURCHARGED
15 minute summer	FC31	15	187.083	0.633	3.0	0.9145	0.0000	SURCHARGED
15 minute summer	FC32	15	187.079	0.629	3.0	0.8710	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC25	Infiltration		0.0				0.0
15 minute summer	FC26	27.000	J23	0.3	0.700	0.024	0.0021	
15 minute summer	FC26	Infiltration		0.0				0.0
15 minute summer	FC27	28.000	J24	0.8	1.279	0.037	0.0188	
15 minute summer	FC27	Infiltration		0.0				0.0
15 minute summer	FC28	29.000	J25	0.8	1.042	0.050	0.0034	
15 minute summer	FC28	Infiltration		0.0				0.0
15 minute summer	FC29	30.000	J26	0.8	1.013	0.052	0.0037	
15 minute summer	FC29	Infiltration		0.0				0.0
15 minute summer	FC30	31.000	J27	0.8	0.972	0.055	0.0036	
15 minute summer	FC30	Infiltration		0.0				0.0
15 minute summer	FC31	33.000	J28	1.8	0.573	0.200	0.0333	
15 minute summer	FC31	Infiltration		0.0				0.0
15 minute summer	FC32	34.000	J29	1.4	0.427	0.112	0.0303	
15 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC33	15	187.102	0.652	4.0	1.2362	0.0000	SURCHARGED
15 minute summer	FC34	15	187.103	0.653	4.0	1.2398	0.0000	SURCHARGED
15 minute summer	FC35	15	187.100	0.650	4.0	1.2366	0.0000	SURCHARGED
15 minute summer	FC36	15	187.095	0.645	4.0	1.2371	0.0000	SURCHARGED
15 minute summer	FC37	16	186.473	0.673	5.6	1.8347	0.0000	SURCHARGED
15 minute summer	FC38	17	185.546	0.095	3.0	1.1446	0.0000	OK
15 minute summer	FC39	15	186.077	0.627	3.0	0.8629	0.0000	SURCHARGED
15 minute summer	FC40	15	186.106	0.606	4.0	1.2445	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC33	35.000	S12	0.8	0.952	0.057	0.0179	
15 minute summer	FC33	Infiltration		0.0				0.0
15 minute summer	FC34	36.000	J30	0.8	0.530	0.129	0.0072	
15 minute summer	FC34	Infiltration		0.0				0.0
15 minute summer	FC35	37.000	J31	0.8	0.962	0.056	0.0043	
15 minute summer	FC35	Infiltration		0.0				0.0
15 minute summer	FC36	38.000	J32	0.8	1.008	0.053	0.0040	
15 minute summer	FC36	Infiltration		0.0				0.0
15 minute summer	FC37	39.000	J33	0.8	0.693	0.092	0.0077	
15 minute summer	FC37	Infiltration		0.0				0.0
15 minute summer	FC38	40.000	J34	0.3	0.654	0.023	0.0147	
15 minute summer	FC38	Infiltration		0.0				0.0
15 minute summer	FC39	41.000	J35	0.8	0.964	0.055	0.0036	
15 minute summer	FC39	Infiltration		0.0				0.0
15 minute summer	FC40	42.000	J36	0.8	1.175	0.041	0.0173	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC41	15	185.498	0.648	4.0	1.2383	0.0000	SURCHARGED
15 minute summer	FC42	15	185.248	0.648	4.0	1.2382	0.0000	SURCHARGED
15 minute summer	FC43	15	185.227	0.627	4.0	1.2485	0.0000	SURCHARGED
15 minute summer	FC44	10	184.639	0.039	3.0	0.0488	0.0000	OK
15 minute summer	FC45	15	185.228	0.628	3.0	0.8630	0.0000	SURCHARGED
15 minute summer	FC46	16	185.367	0.667	5.6	1.8373	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	15	185.451	0.651	4.0	1.2364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC40	Infiltration		0.0				0.0
15 minute summer	FC41	43.000	J37	0.8	0.773	0.076	0.0052	
15 minute summer	FC41	Infiltration		0.0				0.0
15 minute summer	FC42	44.000	J38	0.8	0.673	0.093	0.0222	
15 minute summer	FC42	Infiltration		0.0				0.0
15 minute summer	FC43	45.000	J39	0.8	0.760	0.076	0.0144	
15 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	3.0	1.107	0.279	0.0118	
15 minute summer	FC44	Infiltration		0.0				0.0
15 minute summer	FC45	47.000	S10	0.8	0.897	0.060	0.0041	
15 minute summer	FC45	Infiltration		0.0				0.0
15 minute summer	FC46	48.000	S20	0.8	0.508	0.136	0.0096	
15 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute summer	FC48	50.000	J42	0.8	0.770	0.058	0.0087	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC49	15	185.451	0.651	4.0	1.2407	0.0000	SURCHARGED
15 minute summer	FC50	15	185.452	0.652	4.0	1.2406	0.0000	SURCHARGED
15 minute summer	FC51	15	185.498	0.648	4.0	1.2410	0.0000	SURCHARGED
15 minute summer	FC52	15	185.892	0.642	4.0	1.2385	0.0000	SURCHARGED
15 minute summer	FC53	15	185.901	0.651	4.0	1.2375	0.0000	SURCHARGED
15 minute summer	FC54	15	185.878	0.628	3.0	0.8635	0.0000	SURCHARGED
15 minute summer	FC55	15	185.878	0.628	3.0	0.8628	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC48	Infiltration		0.0				0.0
15 minute summer	FC49	51.000	S21	0.8	0.513	0.135	0.0068	
15 minute summer	FC49	Infiltration		0.0				0.0
15 minute summer	FC50	52.000	J43	0.8	0.514	0.135	0.0073	
15 minute summer	FC50	Infiltration		0.0				0.0
15 minute summer	FC51	55.000	S22	0.8	0.516	0.135	0.0095	
15 minute summer	FC51	Infiltration		0.0				0.0
15 minute summer	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
15 minute summer	FC52	Infiltration		0.0				0.0
15 minute summer	FC53	61.000	J50	0.8	0.707	0.086	0.0048	
15 minute summer	FC53	Infiltration		0.0				0.0
15 minute summer	FC54	62.000	J51	0.8	0.780	0.073	0.0040	
15 minute summer	FC54	Infiltration		0.0				0.0
15 minute summer	FC55	64.000	J53	0.8	0.986	0.053	0.0033	
15 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC56	15	185.976	0.626	3.0	0.8631	0.0000	SURCHARGED
15 minute summer	FC57	15	185.976	0.626	3.0	0.8630	0.0000	SURCHARGED
15 minute summer	FC58	15	185.978	0.628	3.0	0.8629	0.0000	SURCHARGED
15 minute summer	FC59	15	185.978	0.628	3.0	0.8629	0.0000	SURCHARGED
15 minute summer	FC60	15	186.001	0.651	4.0	1.2375	0.0000	SURCHARGED
15 minute summer	FC61	15	185.951	0.651	4.0	1.2378	0.0000	SURCHARGED
15 minute summer	FC62	16	185.913	0.663	5.6	1.8382	0.0000	SURCHARGED
15 minute summer	FC63	15	186.030	0.630	3.0	0.8822	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC56	53.000	J44	0.8	1.019	0.051	0.0051	
15 minute summer	FC56	Infiltration		0.0				0.0
15 minute summer	FC57	54.000	J45	0.8	0.956	0.056	0.0054	
15 minute summer	FC57	Infiltration		0.0				0.0
15 minute summer	FC58	56.000	J46	0.8	0.918	0.059	0.0053	
15 minute summer	FC58	Infiltration		0.0				0.0
15 minute summer	FC59	57.000	J47	0.8	0.851	0.066	0.0059	
15 minute summer	FC59	Infiltration		0.0				0.0
15 minute summer	FC60	59.000	J48	0.8	0.847	0.068	0.0063	
15 minute summer	FC60	Infiltration		0.0				0.0
15 minute summer	FC61	60.000	J49	0.8	0.679	0.093	0.0087	
15 minute summer	FC61	Infiltration		0.0				0.0
15 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0121	
15 minute summer	FC62	Infiltration		0.0				0.0
15 minute summer	FC63	65.000	S26	1.5	0.588	0.261	0.0188	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC64	15	185.783	0.633	3.0	0.9125	0.0000	SURCHARGED
15 minute summer	FC65	15	185.804	0.654	4.0	1.2509	0.0000	SURCHARGED
15 minute summer	FC66	15	185.653	0.653	4.0	1.2393	0.0000	SURCHARGED
15 minute summer	FC67	17	184.910	0.110	3.0	1.1336	0.0000	SURCHARGED
15 minute summer	FC68	15	185.178	0.628	3.0	0.8642	0.0000	SURCHARGED
15 minute summer	J1	12	188.574	0.374	15.0	0.5506	0.0000	SURCHARGED
15 minute summer	J2	12	188.208	0.152	14.8	0.1714	0.0000	SURCHARGED
15 minute summer	J3	12	188.175	0.125	15.6	0.1408	0.0000	OK
15 minute summer	J4	12	188.127	0.088	16.3	0.0992	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC63	Infiltration		0.0				0.0
15 minute summer	FC64	66.000	J54	1.7	0.354	0.289	0.0172	
15 minute summer	FC64	Infiltration		0.0				0.0
15 minute summer	FC65	67.000	J55	1.4	0.433	0.146	0.0172	
15 minute summer	FC65	Infiltration		0.0				0.0
15 minute summer	FC66	68.000	S24	0.8	0.576	0.111	0.0030	
15 minute summer	FC66	Infiltration		0.0				0.0
15 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
15 minute summer	FC67	Infiltration		0.0				0.0
15 minute summer	FC68	70.000	J57	0.8	0.673	0.088	0.0027	
15 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	14.1	1.798	1.696	0.0393	
15 minute summer	J2	1.002	J3	14.8	0.871	1.099	0.0173	
15 minute summer	J3	1.003	J4	15.5	1.164	1.167	0.0257	
15 minute summer	J4	1.004	J5	16.2	1.647	0.476	0.0349	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	187.987	0.077	17.0	0.0866	0.0000	OK
15 minute summer	J6	13	187.762	0.112	17.9	0.1265	0.0000	OK
15 minute summer	J7	13	187.644	0.119	18.7	0.1351	0.0000	OK
15 minute summer	J8	13	187.596	0.075	18.7	0.0843	0.0000	OK
15 minute summer	J9	13	187.396	0.121	20.3	0.1372	0.0000	OK
15 minute summer	J10	13	187.347	0.077	21.2	0.0869	0.0000	OK
15 minute summer	J11	12	187.246	0.125	21.9	0.1411	0.0000	OK
15 minute summer	J12	11	186.954	0.145	38.2	0.1639	0.0000	OK
15 minute summer	J13	12	186.840	0.213	38.3	0.2407	0.0000	OK
15 minute summer	J14	12	186.818	0.196	39.0	0.2213	0.0000	OK
15 minute summer	J15	12	186.787	0.170	39.9	0.1924	0.0000	OK
15 minute summer	J16	12	186.740	0.135	40.7	0.1526	0.0000	OK
15 minute summer	J17	12	186.399	0.116	41.5	0.1310	0.0000	OK
15 minute summer	J18	12	186.276	0.151	49.6	0.1710	0.0000	OK
15 minute summer	J19	12	186.240	0.213	50.4	0.2407	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	17.1	1.470	0.446	0.0656	
15 minute summer	J6	1.006	J7	17.9	1.451	0.629	0.0242	
15 minute summer	J7	1.007	J8	17.9	1.095	0.583	0.0186	
15 minute summer	J8	1.008	J9	19.5	1.177	0.219	0.1408	
15 minute summer	J9	1.009	J10	20.4	1.212	0.611	0.0203	
15 minute summer	J10	1.010	J11	21.1	1.324	0.163	0.0420	
15 minute summer	J11	1.011	S2	22.1	0.827	0.344	0.1615	
15 minute summer	J12	1.013	J13	38.1	1.488	0.568	0.1694	
15 minute summer	J13	1.014	J14	38.3	0.752	0.676	0.0968	
15 minute summer	J14	1.015	J15	39.1	0.870	0.695	0.0861	
15 minute summer	J15	1.016	J16	40.0	1.111	0.750	0.1843	
15 minute summer	J16	1.017	J17	40.8	1.519	0.286	0.0903	
15 minute summer	J17	1.018	S3	41.6	1.175	0.134	0.0682	
15 minute summer	J18	1.020	J19	49.7	1.111	0.173	0.0663	
15 minute summer	J19	1.021	S4	50.5	1.051	0.916	0.2109	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	12	186.192	0.161	11.6	0.1818	0.0000	SURCHARGED
15 minute summer	J21	12	186.168	0.159	12.0	0.1803	0.0000	SURCHARGED
15 minute summer	J22	12	186.125	0.162	12.4	0.1827	0.0000	SURCHARGED
15 minute summer	J23	12	186.097	0.155	13.0	0.1748	0.0000	SURCHARGED
15 minute summer	J24	12	186.039	0.222	22.4	0.2515	0.0000	OK
15 minute summer	J25	12	186.021	0.225	23.0	0.2547	0.0000	SURCHARGED
15 minute summer	J26	12	186.003	0.224	24.0	0.2537	0.0000	OK
15 minute summer	J27	12	185.930	0.194	34.4	0.2194	0.0000	OK
15 minute summer	J28	13	186.720	0.364	8.9	0.4116	0.0000	SURCHARGED
15 minute summer	J29	13	186.529	0.258	8.9	0.2917	0.0000	SURCHARGED
15 minute summer	J30	12	186.333	0.186	18.6	0.2100	0.0000	SURCHARGED
15 minute summer	J31	12	186.184	0.140	19.3	0.1588	0.0000	OK
15 minute summer	J32	12	186.136	0.125	20.1	0.1409	0.0000	OK
15 minute summer	J33	12	185.621	0.086	31.1	0.0971	0.0000	OK
15 minute summer	J34	11	185.320	0.195	43.1	0.2205	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	11.2	0.690	0.829	0.0665	
15 minute summer	J21	23.003	J22	11.6	0.696	0.864	0.1411	
15 minute summer	J22	23.004	J23	12.7	0.729	0.938	0.0633	
15 minute summer	J23	23.005	S18	13.3	0.876	0.995	0.1321	
15 minute summer	J24	23.007	J25	22.3	0.563	0.739	0.2454	
15 minute summer	J25	23.008	J26	23.2	0.592	0.768	0.1973	
15 minute summer	J26	23.009	S19	24.2	0.633	0.792	0.1470	
15 minute summer	J27	23.011	S4	34.4	1.039	1.152	0.0785	
15 minute summer	J28	32.001	J29	7.9	1.015	1.341	0.0691	
15 minute summer	J29	32.002	S12	9.4	1.200	1.582	0.0364	
15 minute summer	J30	32.004	J31	18.5	1.060	1.393	0.0829	
15 minute summer	J31	32.005	J32	19.3	0.796	0.644	0.2367	
15 minute summer	J32	32.006	S13	20.2	1.122	0.673	0.1004	
15 minute summer	J33	32.008	S14	31.1	1.203	0.299	0.2394	
15 minute summer	J34	32.010	J35	43.0	1.363	1.115	0.2806	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	11	185.214	0.138	43.7	0.1566	0.0000	OK
15 minute summer	J36	11	185.074	0.199	44.3	0.2247	0.0000	OK
15 minute summer	J37	11	184.700	0.200	56.8	0.2266	0.0000	OK
15 minute summer	J38	11	184.608	0.308	69.4	0.3488	0.0000	SURCHARGED
15 minute summer	J39	11	184.541	0.267	69.9	0.3025	0.0000	OK
15 minute summer	J40	11	184.480	0.215	72.5	0.2436	0.0000	OK
15 minute summer	J41	18	184.622	0.025	0.8	0.0282	0.0000	OK
15 minute summer	J42	17	184.574	0.037	1.6	0.0419	0.0000	OK
15 minute summer	J43	12	184.528	0.148	10.0	0.1676	0.0000	OK
15 minute summer	J44	12	184.519	0.149	10.3	0.1682	0.0000	OK
15 minute summer	J45	12	184.487	0.167	10.4	0.1892	0.0000	SURCHARGED
15 minute summer	J46	12	184.464	0.242	17.8	0.2741	0.0000	SURCHARGED
15 minute summer	J47	12	184.455	0.248	18.0	0.2803	0.0000	SURCHARGED
15 minute summer	J48	12	184.434	0.240	25.7	0.2715	0.0000	SURCHARGED
15 minute summer	J49	12	184.406	0.237	26.1	0.2682	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	43.5	1.365	0.489	0.2155	
15 minute summer	J36	32.012	S15	44.2	1.367	1.472	0.0766	
15 minute summer	J37	32.014	S16	56.7	1.377	1.027	0.2195	
15 minute summer	J38	32.016	J39	69.1	0.995	1.279	0.7395	
15 minute summer	J39	32.017	J40	69.6	1.146	1.272	0.2201	
15 minute summer	J40	32.018	S10	72.1	1.440	0.724	0.4793	
15 minute summer	J41	48.002	J42	0.8	0.424	0.136	0.0129	
15 minute summer	J42	48.003	S21	1.6	0.627	0.274	0.0381	
15 minute summer	J43	48.005	J44	9.6	0.666	0.688	0.0282	
15 minute summer	J44	48.006	J45	9.7	0.696	0.729	0.1544	
15 minute summer	J45	48.007	S22	10.7	0.714	0.792	0.0419	
15 minute summer	J46	48.009	J47	17.3	0.444	0.562	0.1676	
15 minute summer	J47	48.010	S23	18.0	0.454	0.599	0.1050	
15 minute summer	J48	48.012	J49	25.3	0.635	0.845	0.2962	
15 minute summer	J49	48.013	J50	26.0	0.653	0.847	0.0451	

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.393	0.227	26.8	0.2573	0.0000	SURCHARGED
15 minute summer	J51	12	184.369	0.221	27.4	0.2496	0.0000	OK
15 minute summer	J52	12	184.352	0.208	28.1	0.2353	0.0000	OK
15 minute summer	J53	12	184.323	0.196	28.8	0.2221	0.0000	OK
15 minute summer	J54	13	185.342	0.213	8.4	0.2413	0.0000	SURCHARGED
15 minute summer	J55	14	185.249	0.155	8.6	0.1751	0.0000	SURCHARGED
15 minute summer	J56	12	184.252	0.245	45.0	0.2775	0.0000	OK
15 minute summer	J57	12	184.221	0.236	45.7	0.2673	0.0000	OK
15 minute summer	BASIN 1	60	185.594	0.669	96.0	73.0606	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.668	0.368	4.8	35.3439	0.0000	OK
15 minute summer	BASIN 3	255	182.788	-0.312	97.9	68.0773	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	26.7	0.671	0.892	0.2012	
15 minute summer	J51	48.015	J52	27.3	0.700	0.892	0.0442	
15 minute summer	J52	48.016	J53	28.0	0.749	0.919	0.1831	
15 minute summer	J53	48.017	S24	29.1	0.874	0.965	0.3648	
15 minute summer	J54	65.002	J55	8.1	1.031	1.362	0.0285	
15 minute summer	J55	65.003	S24	8.5	1.088	1.118	0.0601	
15 minute summer	J56	48.019	J57	45.0	0.742	0.829	0.5507	
15 minute summer	J57	48.020	S25	45.7	0.812	0.837	0.3504	
15 minute summer	BASIN 1	1.023	S5	4.6	0.396	0.056	0.9418	
15 minute summer	BASIN 1	Infiltration		0.1				1.5
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 2	71.000	BH1	1.9	0.731	0.329	0.1829	
15 minute summer	BASIN 2	Infiltration		0.0				0.0
15 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	BASIN 4	99	183.536	0.206	64.2	58.8939	0.0000	OK
15 minute summer	SWALE 1	61	184.922	0.048	2.8	0.0681	0.0000	OK
15 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.230	0.234	83.5	0.3355	0.0000	OK
15 minute summer	BH1	255	184.667	0.590	1.9	2.5140	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute summer	BH3	95	183.536	0.217	12.8	2.6182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	BASIN 4	48.022	BH3	12.8	1.195	0.236	0.2418	
15 minute summer	BASIN 4	Infiltration		0.0				0.0
15 minute summer	SWALE 1	1.025	S6	2.8	0.356	0.034	0.2969	
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute summer	SWALE 3	1.033	BASIN 3	84.1	1.228	0.673	2.9567	
15 minute summer	BH1	Infiltration		0.1				1.3
15 minute summer	BH2	Infiltration		0.0				0.0
15 minute summer	BH3	Infiltration		0.2				2.6

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	188.662	0.292	8.1	0.4301	0.0000	SURCHARGED
15 minute winter	S2	11	187.237	0.198	36.0	0.3429	0.0000	OK
15 minute winter	S3	12	186.322	0.185	46.5	0.2464	0.0000	OK
15 minute winter	S4	60	185.594	0.216	87.5	0.2769	0.0000	OK
15 minute winter	S5	60	185.594	0.684	5.1	0.9788	0.0000	SURCHARGED
15 minute winter	S6	62	184.854	0.046	2.8	0.0656	0.0000	OK
15 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.295	0.170	2.3	0.2434	0.0000	OK
15 minute winter	S10	12	184.295	0.182	80.4	0.3311	0.0000	OK
15 minute winter	S11	12	186.787	0.387	10.4	0.6075	0.0000	SURCHARGED
15 minute winter	S12	11	186.400	0.224	17.3	0.3317	0.0000	SURCHARGED
15 minute winter	S13	11	186.083	0.090	29.0	0.1344	0.0000	OK
15 minute winter	S14	11	185.376	0.201	40.8	0.3160	0.0000	OK
15 minute winter	S15	11	185.009	0.142	53.2	0.2230	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S1	1.000	J1	6.5	0.836	0.749	0.0642	
15 minute winter	S2	1.012	J12	35.8	1.060	1.199	0.0500	
15 minute winter	S3	1.019	J18	46.7	1.167	0.876	0.2049	
15 minute winter	S4	1.022	BASIN 1	87.7	2.240	0.524	1.0431	
15 minute winter	S5	1.024	SWALE 1	2.8	0.411	0.034	0.1636	
15 minute winter	S6	1.026	BASIN 2	2.8	0.428	0.032	0.0378	
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2918	
15 minute winter	S9	1.031	S10	-2.3	-0.231	-0.028	0.3394	
15 minute winter	S10	1.032	SWALE 3	79.3	1.333	0.240	0.2669	
15 minute winter	S11	32.000	J28	8.4	1.073	1.412	0.0355	
15 minute winter	S12	32.003	J30	17.1	0.970	1.279	0.0895	
15 minute winter	S13	32.007	J33	28.9	2.032	0.295	0.1851	
15 minute winter	S14	32.009	J34	40.7	1.120	0.802	0.1902	
15 minute winter	S15	32.013	J37	53.1	2.202	0.576	0.2252	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.628	0.141	65.1	0.2145	0.0000	OK
15 minute winter	S17	11	186.433	0.283	11.1	0.4496	0.0000	SURCHARGED
15 minute winter	S18	12	186.039	0.215	21.5	0.3170	0.0000	OK
15 minute winter	S19	12	185.980	0.214	32.5	0.3078	0.0000	OK
15 minute winter	S20	17	184.668	0.026	0.8	0.0293	0.0000	OK
15 minute winter	S21	12	184.525	0.116	9.1	0.1537	0.0000	OK
15 minute winter	S22	12	184.460	0.229	17.4	0.2973	0.0000	SURCHARGED
15 minute winter	S23	12	184.437	0.239	24.8	0.3077	0.0000	SURCHARGED
15 minute winter	S24	12	184.268	0.251	43.6	0.3302	0.0000	OK
15 minute winter	S25	12	184.184	0.214	51.1	0.2966	0.0000	OK
15 minute winter	S26	12	185.487	0.110	8.9	0.1622	0.0000	SURCHARGED
15 minute winter	FC1	16	188.909	0.658	3.8	1.3097	0.0000	SURCHARGED
15 minute winter	FC2	16	188.802	0.652	3.8	1.2448	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S16	32.015	J38	65.0	1.192	0.205	0.1184	
15 minute winter	S17	23.001	J20	10.2	1.309	1.729	0.0554	
15 minute winter	S18	23.006	J24	21.1	0.578	0.659	0.0713	
15 minute winter	S19	23.010	J27	32.2	0.861	1.076	0.3324	
15 minute winter	S20	48.001	J41	0.8	0.519	0.136	0.0072	
15 minute winter	S21	48.004	J43	8.9	0.624	0.664	0.0791	
15 minute winter	S22	48.008	J46	16.8	0.475	0.536	0.0967	
15 minute winter	S23	48.011	J48	24.4	0.619	0.790	0.0447	
15 minute winter	S24	48.018	J56	43.5	0.705	0.814	0.2619	
15 minute winter	S25	48.021	BASIN 4	51.0	1.054	0.958	0.1859	
15 minute winter	S26	65.001	J54	8.5	1.095	0.816	0.0667	
15 minute winter	FC1	2.000	J1	2.5	0.564	0.404	0.0372	
15 minute winter	FC1	Infiltration		0.0				0.0
15 minute winter	FC2	3.000	J2	1.0	0.515	0.168	0.0274	
15 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC3	16	188.859	0.659	5.2	1.8310	0.0000	SURCHARGED
15 minute winter	FC4	15	188.826	0.626	2.8	0.8482	0.0000	SURCHARGED
15 minute winter	FC5	16	188.649	0.649	3.8	1.2412	0.0000	SURCHARGED
15 minute winter	FC6	15	188.477	0.627	2.8	0.8476	0.0000	SURCHARGED
15 minute winter	FC7	15	188.377	0.627	2.8	0.8485	0.0000	SURCHARGED
15 minute winter	FC8	16	188.401	0.651	3.8	1.2372	0.0000	SURCHARGED
15 minute winter	FC9	15	188.097	0.627	2.8	0.8493	0.0000	SURCHARGED
15 minute winter	FC10	16	188.137	0.667	5.2	1.8299	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC3	4.000	J3	0.8	0.541	0.129	0.0349	
15 minute winter	FC3	Infiltration		0.0				0.0
15 minute winter	FC4	5.000	J4	0.8	0.607	0.106	0.0139	
15 minute winter	FC4	Infiltration		0.0				0.0
15 minute winter	FC5	6.000	J5	0.8	0.513	0.135	0.0065	
15 minute winter	FC5	Infiltration		0.0				0.0
15 minute winter	FC6	7.000	J6	0.8	0.675	0.091	0.0219	
15 minute winter	FC6	Infiltration		0.0				0.0
15 minute winter	FC7	8.000	J7	0.8	0.587	0.111	0.0097	
15 minute winter	FC7	Infiltration		0.0				0.0
15 minute winter	FC8	9.000	J8	0.8	0.722	0.084	0.0047	
15 minute winter	FC8	Infiltration		0.0				0.0
15 minute winter	FC9	10.000	J9	0.8	0.517	0.132	0.0109	
15 minute winter	FC9	Infiltration		0.0				0.0
15 minute winter	FC10	11.000	J10	0.8	0.562	0.122	0.0090	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC11	16	187.974	0.654	3.8	1.2399	0.0000	SURCHARGED
15 minute winter	FC12	16	187.885	0.655	3.8	1.2394	0.0000	SURCHARGED
15 minute winter	FC13	16	187.654	0.654	3.8	1.2399	0.0000	SURCHARGED
15 minute winter	FC14	18	187.022	0.122	3.8	1.5588	0.0000	SURCHARGED
15 minute winter	FC15	15	187.827	0.627	2.8	0.8456	0.0000	SURCHARGED
15 minute winter	FC16	15	187.527	0.627	2.8	0.8490	0.0000	SURCHARGED
15 minute winter	FC17	15	187.627	0.627	2.8	0.8465	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC10	Infiltration		0.0				0.0
15 minute winter	FC11	12.000	J11	0.8	0.518	0.136	0.0120	
15 minute winter	FC11	Infiltration		0.0				0.0
15 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0263	
15 minute winter	FC12	Infiltration		0.0				0.0
15 minute winter	FC13	14.000	J12	0.8	0.519	0.135	0.0106	
15 minute winter	FC13	Infiltration		0.0				0.0
15 minute winter	FC14	15.000	J13	0.3	0.403	0.055	0.0062	
15 minute winter	FC14	Infiltration		0.0				0.0
15 minute winter	FC15	16.000	J14	0.8	1.098	0.046	0.0034	
15 minute winter	FC15	Infiltration		0.0				0.0
15 minute winter	FC16	17.000	J15	0.8	0.541	0.124	0.0110	
15 minute winter	FC16	Infiltration		0.0				0.0
15 minute winter	FC17	18.000	J16	0.8	0.858	0.064	0.0044	
15 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC18	15	187.177	0.627	2.8	0.8493	0.0000	SURCHARGED
15 minute winter	FC19	16	187.054	0.654	3.8	1.2400	0.0000	SURCHARGED
15 minute winter	FC20	16	187.600	0.650	3.8	1.2372	0.0000	SURCHARGED
15 minute winter	FC21	16	186.951	0.651	3.8	1.2404	0.0000	SURCHARGED
15 minute winter	FC22	17	186.565	0.115	2.8	1.1122	0.0000	SURCHARGED
15 minute winter	FC23	15	186.927	0.627	2.8	0.8462	0.0000	SURCHARGED
15 minute winter	FC24	16	186.951	0.651	3.8	1.2366	0.0000	SURCHARGED
15 minute winter	FC25	16	187.201	0.651	3.8	1.2371	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC18	19.000	J17	0.8	0.514	0.133	0.0107	
15 minute winter	FC18	Infiltration		0.0				0.0
15 minute winter	FC19	20.000	S3	0.8	0.516	0.136	0.0103	
15 minute winter	FC19	Infiltration		0.0				0.0
15 minute winter	FC20	21.000	J18	0.8	1.044	0.050	0.0033	
15 minute winter	FC20	Infiltration		0.0				0.0
15 minute winter	FC21	22.000	J19	0.8	0.518	0.136	0.0118	
15 minute winter	FC21	Infiltration		0.0				0.0
15 minute winter	FC22	23.000	S17	0.3	0.524	0.021	0.0196	
15 minute winter	FC22	Infiltration		0.0				0.0
15 minute winter	FC23	24.000	J20	0.8	0.908	0.059	0.0184	
15 minute winter	FC23	Infiltration		0.0				0.0
15 minute winter	FC24	25.000	J21	0.8	0.942	0.058	0.0187	
15 minute winter	FC24	Infiltration		0.0				0.0
15 minute winter	FC25	26.000	J22	0.8	1.037	0.051	0.0037	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC26	17	186.561	0.111	2.8	1.1161	0.0000	SURCHARGED
15 minute winter	FC27	15	187.126	0.626	2.8	0.8454	0.0000	SURCHARGED
15 minute winter	FC28	16	187.150	0.650	3.8	1.2373	0.0000	SURCHARGED
15 minute winter	FC29	16	187.147	0.647	3.8	1.2382	0.0000	SURCHARGED
15 minute winter	FC30	16	187.400	0.650	3.8	1.2367	0.0000	SURCHARGED
15 minute winter	FC31	15	187.081	0.631	2.8	0.8924	0.0000	SURCHARGED
15 minute winter	FC32	15	187.077	0.627	2.8	0.8520	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC25	Infiltration		0.0				0.0
15 minute winter	FC26	27.000	J23	0.3	0.698	0.024	0.0021	
15 minute winter	FC26	Infiltration		0.0				0.0
15 minute winter	FC27	28.000	J24	0.8	1.279	0.037	0.0175	
15 minute winter	FC27	Infiltration		0.0				0.0
15 minute winter	FC28	29.000	J25	0.8	1.042	0.050	0.0034	
15 minute winter	FC28	Infiltration		0.0				0.0
15 minute winter	FC29	30.000	J26	0.8	1.013	0.052	0.0037	
15 minute winter	FC29	Infiltration		0.0				0.0
15 minute winter	FC30	31.000	J27	0.8	0.972	0.055	0.0036	
15 minute winter	FC30	Infiltration		0.0				0.0
15 minute winter	FC31	33.000	J28	1.8	0.571	0.197	0.0333	
15 minute winter	FC31	Infiltration		0.0				0.0
15 minute winter	FC32	34.000	J29	1.3	0.426	0.102	0.0268	
15 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC33	16	187.102	0.652	3.8	1.2367	0.0000	SURCHARGED
15 minute winter	FC34	16	187.103	0.653	3.8	1.2397	0.0000	SURCHARGED
15 minute winter	FC35	16	187.100	0.650	3.8	1.2366	0.0000	SURCHARGED
15 minute winter	FC36	16	187.095	0.645	3.8	1.2388	0.0000	SURCHARGED
15 minute winter	FC37	16	186.472	0.672	5.2	1.8282	0.0000	SURCHARGED
15 minute winter	FC38	17	185.544	0.094	2.8	1.1326	0.0000	OK
15 minute winter	FC39	15	186.076	0.625	2.8	0.8463	0.0000	SURCHARGED
15 minute winter	FC40	16	186.106	0.606	3.8	1.2458	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC33	35.000	S12	0.8	0.953	0.057	0.0179	
15 minute winter	FC33	Infiltration		0.0				0.0
15 minute winter	FC34	36.000	J30	0.8	0.530	0.129	0.0072	
15 minute winter	FC34	Infiltration		0.0				0.0
15 minute winter	FC35	37.000	J31	0.8	0.962	0.056	0.0043	
15 minute winter	FC35	Infiltration		0.0				0.0
15 minute winter	FC36	38.000	J32	0.8	1.008	0.053	0.0040	
15 minute winter	FC36	Infiltration		0.0				0.0
15 minute winter	FC37	39.000	J33	0.8	0.693	0.092	0.0077	
15 minute winter	FC37	Infiltration		0.0				0.0
15 minute winter	FC38	40.000	J34	0.3	0.653	0.023	0.0128	
15 minute winter	FC38	Infiltration		0.0				0.0
15 minute winter	FC39	41.000	J35	0.8	0.964	0.055	0.0036	
15 minute winter	FC39	Infiltration		0.0				0.0
15 minute winter	FC40	42.000	J36	0.8	1.175	0.041	0.0156	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC41	16	185.498	0.648	3.8	1.2387	0.0000	SURCHARGED
15 minute winter	FC42	16	185.248	0.648	3.8	1.2379	0.0000	SURCHARGED
15 minute winter	FC43	16	185.227	0.627	3.8	1.2458	0.0000	SURCHARGED
15 minute winter	FC44	10	184.638	0.037	2.8	0.0469	0.0000	OK
15 minute winter	FC45	15	185.226	0.626	2.8	0.8463	0.0000	SURCHARGED
15 minute winter	FC46	16	185.367	0.667	5.2	1.8315	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	16	185.451	0.651	3.8	1.2367	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC40	Infiltration		0.0				0.0
15 minute winter	FC41	43.000	J37	0.8	0.773	0.076	0.0052	
15 minute winter	FC41	Infiltration		0.0				0.0
15 minute winter	FC42	44.000	J38	0.8	0.673	0.093	0.0218	
15 minute winter	FC42	Infiltration		0.0				0.0
15 minute winter	FC43	45.000	J39	0.8	0.760	0.076	0.0121	
15 minute winter	FC43	Infiltration		0.0				0.0
15 minute winter	FC44	46.000	J40	2.8	1.087	0.261	0.0112	
15 minute winter	FC44	Infiltration		0.0				0.0
15 minute winter	FC45	47.000	S10	0.8	0.897	0.060	0.0041	
15 minute winter	FC45	Infiltration		0.0				0.0
15 minute winter	FC46	48.000	S20	0.8	0.507	0.136	0.0096	
15 minute winter	FC46	Infiltration		0.0				0.0
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
15 minute winter	FC48	50.000	J42	0.8	0.776	0.058	0.0087	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC49	16	185.451	0.651	3.8	1.2407	0.0000	SURCHARGED
15 minute winter	FC50	16	185.452	0.652	3.8	1.2406	0.0000	SURCHARGED
15 minute winter	FC51	16	185.498	0.648	3.8	1.2411	0.0000	SURCHARGED
15 minute winter	FC52	16	185.892	0.642	3.8	1.2401	0.0000	SURCHARGED
15 minute winter	FC53	16	185.901	0.651	3.8	1.2373	0.0000	SURCHARGED
15 minute winter	FC54	15	185.876	0.626	2.8	0.8470	0.0000	SURCHARGED
15 minute winter	FC55	15	185.876	0.626	2.8	0.8462	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC48	Infiltration		0.0				0.0
15 minute winter	FC49	51.000	S21	0.8	0.513	0.135	0.0068	
15 minute winter	FC49	Infiltration		0.0				0.0
15 minute winter	FC50	52.000	J43	0.8	0.514	0.135	0.0073	
15 minute winter	FC50	Infiltration		0.0				0.0
15 minute winter	FC51	55.000	S22	0.8	0.516	0.135	0.0095	
15 minute winter	FC51	Infiltration		0.0				0.0
15 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
15 minute winter	FC52	Infiltration		0.0				0.0
15 minute winter	FC53	61.000	J50	0.8	0.707	0.086	0.0048	
15 minute winter	FC53	Infiltration		0.0				0.0
15 minute winter	FC54	62.000	J51	0.8	0.780	0.073	0.0040	
15 minute winter	FC54	Infiltration		0.0				0.0
15 minute winter	FC55	64.000	J53	0.8	0.986	0.053	0.0033	
15 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC56	15	185.974	0.624	2.8	0.8462	0.0000	SURCHARGED
15 minute winter	FC57	15	185.975	0.625	2.8	0.8463	0.0000	SURCHARGED
15 minute winter	FC58	15	185.976	0.626	2.8	0.8463	0.0000	SURCHARGED
15 minute winter	FC59	15	185.977	0.627	2.8	0.8465	0.0000	SURCHARGED
15 minute winter	FC60	16	186.001	0.651	3.8	1.2368	0.0000	SURCHARGED
15 minute winter	FC61	16	185.951	0.651	3.8	1.2375	0.0000	SURCHARGED
15 minute winter	FC62	16	185.913	0.663	5.2	1.8325	0.0000	SURCHARGED
15 minute winter	FC63	15	186.028	0.628	2.8	0.8612	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC56	53.000	J44	0.8	1.019	0.051	0.0051	
15 minute winter	FC56	Infiltration		0.0				0.0
15 minute winter	FC57	54.000	J45	0.8	0.955	0.056	0.0053	
15 minute winter	FC57	Infiltration		0.0				0.0
15 minute winter	FC58	56.000	J46	0.8	0.918	0.059	0.0053	
15 minute winter	FC58	Infiltration		0.0				0.0
15 minute winter	FC59	57.000	J47	0.8	0.851	0.066	0.0059	
15 minute winter	FC59	Infiltration		0.0				0.0
15 minute winter	FC60	59.000	J48	0.8	0.847	0.068	0.0063	
15 minute winter	FC60	Infiltration		0.0				0.0
15 minute winter	FC61	60.000	J49	0.8	0.679	0.093	0.0087	
15 minute winter	FC61	Infiltration		0.0				0.0
15 minute winter	FC62	63.000	J52	0.8	0.627	0.106	0.0121	
15 minute winter	FC62	Infiltration		0.0				0.0
15 minute winter	FC63	65.000	S26	1.3	0.586	0.219	0.0181	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC64	15	185.781	0.631	2.8	0.8940	0.0000	SURCHARGED
15 minute winter	FC65	16	185.804	0.654	3.8	1.2506	0.0000	SURCHARGED
15 minute winter	FC66	16	185.653	0.653	3.8	1.2391	0.0000	SURCHARGED
15 minute winter	FC67	17	184.909	0.109	2.8	1.1215	0.0000	SURCHARGED
15 minute winter	FC68	15	185.177	0.627	2.8	0.8478	0.0000	SURCHARGED
15 minute winter	J1	12	188.541	0.341	14.1	0.5014	0.0000	SURCHARGED
15 minute winter	J2	12	188.203	0.147	14.3	0.1666	0.0000	OK
15 minute winter	J3	12	188.172	0.121	15.0	0.1374	0.0000	OK
15 minute winter	J4	13	188.125	0.086	15.7	0.0970	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC63	Infiltration		0.0				0.0
15 minute winter	FC64	66.000	J54	1.6	0.353	0.266	0.0172	
15 minute winter	FC64	Infiltration		0.0				0.0
15 minute winter	FC65	67.000	J55	1.4	0.435	0.140	0.0168	
15 minute winter	FC65	Infiltration		0.0				0.0
15 minute winter	FC66	68.000	S24	0.8	0.576	0.111	0.0030	
15 minute winter	FC66	Infiltration		0.0				0.0
15 minute winter	FC67	69.000	J56	0.3	0.385	0.052	0.0017	
15 minute winter	FC67	Infiltration		0.0				0.0
15 minute winter	FC68	70.000	J57	0.8	0.673	0.087	0.0027	
15 minute winter	FC68	Infiltration		0.0				0.0
15 minute winter	J1	1.001	J2	13.5	1.730	1.632	0.0392	
15 minute winter	J2	1.002	J3	14.2	0.855	1.059	0.0170	
15 minute winter	J3	1.003	J4	15.0	1.154	1.127	0.0250	
15 minute winter	J4	1.004	J5	15.7	1.638	0.461	0.0339	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J5	13	187.985	0.075	16.5	0.0847	0.0000	OK
15 minute winter	J6	13	187.759	0.109	17.3	0.1237	0.0000	OK
15 minute winter	J7	13	187.642	0.117	18.1	0.1327	0.0000	OK
15 minute winter	J8	13	187.594	0.073	17.8	0.0829	0.0000	OK
15 minute winter	J9	13	187.394	0.119	19.7	0.1349	0.0000	OK
15 minute winter	J10	13	187.345	0.075	20.3	0.0852	0.0000	OK
15 minute winter	J11	12	187.240	0.119	21.3	0.1349	0.0000	OK
15 minute winter	J12	11	186.949	0.140	36.6	0.1587	0.0000	OK
15 minute winter	J13	12	186.834	0.207	36.7	0.2344	0.0000	OK
15 minute winter	J14	12	186.813	0.191	37.4	0.2156	0.0000	OK
15 minute winter	J15	12	186.783	0.166	38.2	0.1877	0.0000	OK
15 minute winter	J16	12	186.737	0.131	39.0	0.1487	0.0000	OK
15 minute winter	J17	12	186.395	0.112	39.8	0.1264	0.0000	OK
15 minute winter	J18	12	186.272	0.147	47.5	0.1657	0.0000	OK
15 minute winter	J19	12	186.235	0.208	48.3	0.2347	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J5	1.005	J6	16.6	1.462	0.433	0.0640	
15 minute winter	J6	1.006	J7	17.4	1.441	0.610	0.0236	
15 minute winter	J7	1.007	J8	17.0	1.062	0.552	0.0181	
15 minute winter	J8	1.008	J9	18.9	1.169	0.213	0.1377	
15 minute winter	J9	1.009	J10	19.5	1.205	0.584	0.0198	
15 minute winter	J10	1.010	J11	20.5	1.327	0.159	0.0400	
15 minute winter	J11	1.011	S2	21.4	0.819	0.333	0.1560	
15 minute winter	J12	1.013	J13	36.5	1.484	0.545	0.1621	
15 minute winter	J13	1.014	J14	36.6	0.742	0.647	0.0940	
15 minute winter	J14	1.015	J15	37.4	0.859	0.665	0.0835	
15 minute winter	J15	1.016	J16	38.3	1.099	0.718	0.1785	
15 minute winter	J16	1.017	J17	39.1	1.503	0.274	0.0874	
15 minute winter	J17	1.018	S3	39.8	1.168	0.128	0.0656	
15 minute winter	J18	1.020	J19	47.5	1.099	0.166	0.0642	
15 minute winter	J19	1.021	S4	48.4	1.035	0.878	0.2052	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J20	12	186.167	0.136	10.9	0.1541	0.0000	OK
15 minute winter	J21	12	186.146	0.137	11.5	0.1548	0.0000	OK
15 minute winter	J22	12	186.109	0.146	12.0	0.1654	0.0000	OK
15 minute winter	J23	12	186.082	0.140	12.4	0.1584	0.0000	OK
15 minute winter	J24	12	186.029	0.212	21.8	0.2393	0.0000	OK
15 minute winter	J25	12	186.012	0.216	22.5	0.2443	0.0000	OK
15 minute winter	J26	12	185.996	0.217	23.4	0.2450	0.0000	OK
15 minute winter	J27	12	185.925	0.189	33.0	0.2141	0.0000	OK
15 minute winter	J28	13	186.689	0.333	8.4	0.3771	0.0000	SURCHARGED
15 minute winter	J29	13	186.511	0.240	8.6	0.2719	0.0000	SURCHARGED
15 minute winter	J30	11	186.326	0.179	17.9	0.2020	0.0000	SURCHARGED
15 minute winter	J31	12	186.181	0.137	18.6	0.1548	0.0000	OK
15 minute winter	J32	11	186.133	0.122	19.4	0.1379	0.0000	OK
15 minute winter	J33	11	185.620	0.085	29.7	0.0960	0.0000	OK
15 minute winter	J34	11	185.312	0.186	40.9	0.2109	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J20	23.002	J21	10.7	0.682	0.791	0.0636	
15 minute winter	J21	23.003	J22	11.2	0.690	0.839	0.1376	
15 minute winter	J22	23.004	J23	12.1	0.712	0.894	0.0622	
15 minute winter	J23	23.005	S18	12.6	0.842	0.945	0.1282	
15 minute winter	J24	23.007	J25	21.7	0.556	0.721	0.2410	
15 minute winter	J25	23.008	J26	22.6	0.582	0.749	0.1948	
15 minute winter	J26	23.009	S19	23.5	0.617	0.769	0.1450	
15 minute winter	J27	23.011	S4	33.1	1.024	1.110	0.0769	
15 minute winter	J28	32.001	J29	7.7	0.980	1.294	0.0691	
15 minute winter	J29	32.002	S12	9.0	1.150	1.516	0.0364	
15 minute winter	J30	32.004	J31	17.8	1.023	1.340	0.0822	
15 minute winter	J31	32.005	J32	18.6	0.788	0.619	0.2300	
15 minute winter	J32	32.006	S13	19.5	1.105	0.648	0.0973	
15 minute winter	J33	32.008	S14	29.6	1.197	0.285	0.2319	
15 minute winter	J34	32.010	J35	40.8	1.356	1.058	0.2684	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J35	11	185.208	0.132	41.5	0.1498	0.0000	OK
15 minute winter	J36	11	185.066	0.191	42.1	0.2163	0.0000	OK
15 minute winter	J37	11	184.693	0.193	53.9	0.2182	0.0000	OK
15 minute winter	J38	11	184.595	0.295	65.8	0.3335	0.0000	OK
15 minute winter	J39	11	184.531	0.257	66.4	0.2904	0.0000	OK
15 minute winter	J40	11	184.473	0.208	68.8	0.2348	0.0000	OK
15 minute winter	J41	18	184.622	0.025	0.8	0.0282	0.0000	OK
15 minute winter	J42	17	184.574	0.037	1.6	0.0419	0.0000	OK
15 minute winter	J43	12	184.512	0.132	9.6	0.1492	0.0000	OK
15 minute winter	J44	12	184.502	0.132	10.1	0.1488	0.0000	OK
15 minute winter	J45	12	184.476	0.156	10.4	0.1765	0.0000	SURCHARGED
15 minute winter	J46	12	184.454	0.232	17.5	0.2622	0.0000	SURCHARGED
15 minute winter	J47	12	184.445	0.238	17.7	0.2689	0.0000	SURCHARGED
15 minute winter	J48	12	184.425	0.231	25.1	0.2614	0.0000	SURCHARGED
15 minute winter	J49	12	184.399	0.230	25.5	0.2600	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J35	32.011	J36	41.4	1.354	0.465	0.2071	
15 minute winter	J36	32.012	S15	42.0	1.353	1.401	0.0739	
15 minute winter	J37	32.014	S16	53.9	1.358	0.976	0.2082	
15 minute winter	J38	32.016	J39	65.6	0.968	1.214	0.7267	
15 minute winter	J39	32.017	J40	66.1	1.130	1.208	0.2124	
15 minute winter	J40	32.018	S10	68.5	1.424	0.688	0.4603	
15 minute winter	J41	48.002	J42	0.8	0.423	0.136	0.0129	
15 minute winter	J42	48.003	S21	1.6	0.627	0.274	0.0324	
15 minute winter	J43	48.005	J44	9.4	0.658	0.675	0.0263	
15 minute winter	J44	48.006	J45	9.7	0.690	0.730	0.1491	
15 minute winter	J45	48.007	S22	10.4	0.710	0.769	0.0419	
15 minute winter	J46	48.009	J47	17.0	0.438	0.553	0.1676	
15 minute winter	J47	48.010	S23	17.7	0.444	0.586	0.1050	
15 minute winter	J48	48.012	J49	24.7	0.624	0.825	0.2962	
15 minute winter	J49	48.013	J50	25.4	0.640	0.828	0.0450	

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J50	12	184.386	0.221	26.2	0.2497	0.0000	OK
15 minute winter	J51	12	184.363	0.215	26.8	0.2435	0.0000	OK
15 minute winter	J52	13	184.347	0.203	27.5	0.2293	0.0000	OK
15 minute winter	J53	13	184.318	0.191	28.3	0.2160	0.0000	OK
15 minute winter	J54	13	185.329	0.200	8.5	0.2263	0.0000	SURCHARGED
15 minute winter	J55	14	185.241	0.146	8.5	0.1657	0.0000	SURCHARGED
15 minute winter	J56	12	184.247	0.240	43.8	0.2715	0.0000	OK
15 minute winter	J57	12	184.217	0.232	44.5	0.2619	0.0000	OK
15 minute winter	BASIN 1	60	185.594	0.669	91.9	73.0697	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.668	0.368	4.5	35.3577	0.0000	OK
15 minute winter	BASIN 3	255	182.788	-0.312	92.7	68.1445	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J50	48.014	J51	26.1	0.662	0.873	0.1996	
15 minute winter	J51	48.015	J52	26.7	0.694	0.872	0.0436	
15 minute winter	J52	48.016	J53	27.5	0.746	0.901	0.1794	
15 minute winter	J53	48.017	S24	28.4	0.877	0.943	0.3552	
15 minute winter	J54	65.002	J55	7.8	0.996	1.317	0.0285	
15 minute winter	J55	65.003	S24	8.4	1.068	1.098	0.0600	
15 minute winter	J56	48.019	J57	43.7	0.737	0.806	0.5396	
15 minute winter	J57	48.020	S25	44.4	0.802	0.814	0.3433	
15 minute winter	BASIN 1	1.023	S5	5.1	0.406	0.061	0.9418	
15 minute winter	BASIN 1	Infiltration		0.1				1.5
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 2	71.000	BH1	1.9	0.735	0.330	0.1829	
15 minute winter	BASIN 2	Infiltration		0.0				0.0
15 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	BASIN 4	98	183.536	0.206	61.5	58.9604	0.0000	OK
15 minute winter	SWALE 1	61	184.922	0.048	2.8	0.0681	0.0000	OK
15 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.221	0.226	79.3	0.3236	0.0000	OK
15 minute winter	BH1	255	184.668	0.591	1.9	2.5144	0.0000	OK
15 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute winter	BH3	97	183.536	0.217	12.8	2.6191	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	BASIN 4	48.022	BH3	12.8	1.188	0.237	0.2420	
15 minute winter	BASIN 4	Infiltration		0.0				0.0
15 minute winter	SWALE 1	1.025	S6	2.8	0.356	0.034	0.2969	
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
15 minute winter	SWALE 3	1.033	BASIN 3	79.7	1.211	0.638	2.8431	
15 minute winter	BH1	Infiltration		0.1				1.3
15 minute winter	BH2	Infiltration		0.0				0.0
15 minute winter	BH3	Infiltration		0.2				2.6

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	19	188.670	0.300	7.9	0.4409	0.0000	SURCHARGED
30 minute summer	S2	19	187.240	0.201	36.7	0.3481	0.0000	OK
30 minute summer	S3	19	186.326	0.189	48.1	0.2511	0.0000	OK
30 minute summer	S4	76	185.773	0.395	89.9	0.5069	0.0000	SURCHARGED
30 minute summer	S5	76	185.773	0.863	4.1	1.2354	0.0000	SURCHARGED
30 minute summer	S6	78	184.857	0.048	3.2	0.0694	0.0000	OK
30 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.298	0.173	2.0	0.2473	0.0000	OK
30 minute summer	S10	19	184.298	0.185	80.9	0.3361	0.0000	OK
30 minute summer	S11	20	186.805	0.405	10.2	0.6369	0.0000	SURCHARGED
30 minute summer	S12	19	186.406	0.230	17.5	0.3405	0.0000	SURCHARGED
30 minute summer	S13	18	186.083	0.090	29.1	0.1346	0.0000	OK
30 minute summer	S14	19	185.376	0.201	41.2	0.3165	0.0000	OK
30 minute summer	S15	19	185.009	0.142	53.4	0.2238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S1	1.000	J1	6.6	0.847	0.759	0.0642	
30 minute summer	S2	1.012	J12	36.7	1.072	1.228	0.0506	
30 minute summer	S3	1.019	J18	48.0	1.174	0.901	0.2096	
30 minute summer	S4	1.022	BASIN 1	89.7	2.041	0.535	1.1778	
30 minute summer	S5	1.024	SWALE 1	3.2	0.382	0.038	0.1786	
30 minute summer	S6	1.026	BASIN 2	3.2	0.444	0.036	0.0410	
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2979	
30 minute summer	S9	1.031	S10	-2.0	-0.163	-0.024	0.3462	
30 minute summer	S10	1.032	SWALE 3	80.8	1.328	0.245	0.2703	
30 minute summer	S11	32.000	J28	8.4	1.069	1.407	0.0355	
30 minute summer	S12	32.003	J30	17.4	0.986	1.300	0.0895	
30 minute summer	S13	32.007	J33	29.0	2.034	0.296	0.1857	
30 minute summer	S14	32.009	J34	40.7	1.121	0.803	0.1907	
30 minute summer	S15	32.013	J37	53.5	2.207	0.580	0.2263	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	18	184.628	0.141	65.1	0.2144	0.0000	OK
30 minute summer	S17	19	186.432	0.282	10.9	0.4489	0.0000	SURCHARGED
30 minute summer	S18	19	186.043	0.219	21.6	0.3242	0.0000	OK
30 minute summer	S19	19	185.984	0.218	33.1	0.3140	0.0000	OK
30 minute summer	S20	27	184.668	0.026	0.8	0.0295	0.0000	OK
30 minute summer	S21	20	184.538	0.129	9.2	0.1717	0.0000	OK
30 minute summer	S22	20	184.469	0.238	17.5	0.3080	0.0000	SURCHARGED
30 minute summer	S23	20	184.444	0.246	25.0	0.3174	0.0000	SURCHARGED
30 minute summer	S24	20	184.272	0.255	44.7	0.3355	0.0000	OK
30 minute summer	S25	19	184.188	0.218	52.5	0.3012	0.0000	OK
30 minute summer	S26	19	185.494	0.117	8.7	0.1729	0.0000	SURCHARGED
30 minute summer	FC1	24	188.923	0.673	3.7	1.4968	0.0000	SURCHARGED
30 minute summer	FC2	24	188.815	0.665	3.7	1.4285	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S16	32.015	J38	65.1	1.189	0.205	0.1185	
30 minute summer	S17	23.001	J20	10.2	1.310	1.729	0.0554	
30 minute summer	S18	23.006	J24	21.3	0.562	0.667	0.0721	
30 minute summer	S19	23.010	J27	33.0	0.869	1.101	0.3357	
30 minute summer	S20	48.001	J41	0.8	0.519	0.137	0.0073	
30 minute summer	S21	48.004	J43	9.0	0.617	0.675	0.0859	
30 minute summer	S22	48.008	J46	16.9	0.455	0.538	0.0967	
30 minute summer	S23	48.011	J48	24.6	0.619	0.798	0.0447	
30 minute summer	S24	48.018	J56	44.4	0.710	0.830	0.2657	
30 minute summer	S25	48.021	BASIN 4	52.4	1.063	0.982	0.1890	
30 minute summer	S26	65.001	J54	8.3	1.089	0.803	0.0667	
30 minute summer	FC1	2.000	J1	2.2	0.564	0.358	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	1.0	0.517	0.168	0.0278	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	27	188.871	0.671	5.1	2.1539	0.0000	SURCHARGED
30 minute summer	FC4	23	188.836	0.636	2.8	0.9655	0.0000	SURCHARGED
30 minute summer	FC5	24	188.662	0.662	3.7	1.4256	0.0000	SURCHARGED
30 minute summer	FC6	23	188.488	0.638	2.8	0.9640	0.0000	SURCHARGED
30 minute summer	FC7	23	188.388	0.638	2.8	0.9655	0.0000	SURCHARGED
30 minute summer	FC8	24	188.414	0.664	3.7	1.4205	0.0000	SURCHARGED
30 minute summer	FC9	23	188.108	0.638	2.8	0.9669	0.0000	SURCHARGED
30 minute summer	FC10	27	188.152	0.682	5.1	2.1488	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.8	0.543	0.130	0.0355	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.8	0.608	0.106	0.0142	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0066	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.8	0.678	0.092	0.0222	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.8	0.588	0.112	0.0098	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.8	0.724	0.085	0.0047	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.8	0.564	0.124	0.0091	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	24	187.988	0.668	3.7	1.4232	0.0000	SURCHARGED
30 minute summer	FC12	24	187.899	0.669	3.7	1.4226	0.0000	SURCHARGED
30 minute summer	FC13	24	187.668	0.668	3.7	1.4233	0.0000	SURCHARGED
30 minute summer	FC14	31	187.052	0.151	3.7	1.9315	0.0000	SURCHARGED
30 minute summer	FC15	23	187.839	0.639	2.8	0.9614	0.0000	SURCHARGED
30 minute summer	FC16	23	187.539	0.639	2.8	0.9664	0.0000	SURCHARGED
30 minute summer	FC17	23	187.639	0.639	2.8	0.9627	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.8	0.520	0.137	0.0121	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	0.8	0.519	0.137	0.0272	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0106	
30 minute summer	FC13	Infiltration		0.0				0.0
30 minute summer	FC14	15.000	J13	0.4	0.417	0.062	0.0067	
30 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.102	0.046	0.0034	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.8	0.860	0.065	0.0045	
30 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	23	187.189	0.639	2.8	0.9670	0.0000	SURCHARGED
30 minute summer	FC19	24	187.068	0.668	3.7	1.4235	0.0000	SURCHARGED
30 minute summer	FC20	24	187.613	0.663	3.7	1.4182	0.0000	SURCHARGED
30 minute summer	FC21	24	186.964	0.664	3.7	1.4242	0.0000	SURCHARGED
30 minute summer	FC22	30	186.590	0.140	2.8	1.3523	0.0000	SURCHARGED
30 minute summer	FC23	23	186.938	0.638	2.8	0.9623	0.0000	SURCHARGED
30 minute summer	FC24	24	186.964	0.664	3.7	1.4169	0.0000	SURCHARGED
30 minute summer	FC25	24	187.214	0.664	3.7	1.4178	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.8	0.516	0.134	0.0108	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.8	0.518	0.137	0.0103	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.8	1.047	0.051	0.0034	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.8	0.519	0.137	0.0119	
30 minute summer	FC21	Infiltration		0.0				0.0
30 minute summer	FC22	23.000	S17	0.4	0.541	0.024	0.0197	
30 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	0.8	0.911	0.060	0.0193	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	0.8	0.945	0.059	0.0197	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.8	1.040	0.051	0.0037	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC26	30	186.585	0.135	2.8	1.3604	0.0000	SURCHARGED
30 minute summer	FC27	23	187.137	0.637	2.8	0.9613	0.0000	SURCHARGED
30 minute summer	FC28	24	187.162	0.662	3.7	1.4184	0.0000	SURCHARGED
30 minute summer	FC29	24	187.159	0.659	3.7	1.4183	0.0000	SURCHARGED
30 minute summer	FC30	24	187.413	0.663	3.7	1.4172	0.0000	SURCHARGED
30 minute summer	FC31	23	187.093	0.643	2.8	1.0164	0.0000	SURCHARGED
30 minute summer	FC32	23	187.089	0.639	2.8	0.9703	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
30 minute summer	FC26	27.000	J23	0.4	0.720	0.027	0.0023	
30 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.282	0.037	0.0182	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.8	1.045	0.051	0.0034	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.8	1.016	0.053	0.0038	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.8	0.974	0.056	0.0037	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.7	0.567	0.183	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	1.3	0.422	0.102	0.0285	
30 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	24	187.116	0.666	3.7	1.4165	0.0000	SURCHARGED
30 minute summer	FC34	24	187.116	0.666	3.7	1.4228	0.0000	SURCHARGED
30 minute summer	FC35	24	187.113	0.663	3.7	1.4172	0.0000	SURCHARGED
30 minute summer	FC36	24	187.106	0.656	3.7	1.4189	0.0000	SURCHARGED
30 minute summer	FC37	27	186.489	0.689	5.1	2.1424	0.0000	SURCHARGED
30 minute summer	FC38	31	185.566	0.116	2.8	1.3941	0.0000	SURCHARGED
30 minute summer	FC39	23	186.085	0.635	2.8	0.9623	0.0000	SURCHARGED
30 minute summer	FC40	25	186.119	0.619	3.7	1.4303	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	0.8	0.956	0.057	0.0179	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.8	0.532	0.131	0.0073	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.8	0.965	0.057	0.0043	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.011	0.053	0.0040	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.8	0.695	0.093	0.0078	
30 minute summer	FC37	Infiltration		0.0				0.0
30 minute summer	FC38	40.000	J34	0.3	0.675	0.026	0.0131	
30 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.966	0.055	0.0037	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.179	0.041	0.0160	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	24	185.510	0.660	3.7	1.4197	0.0000	SURCHARGED
30 minute summer	FC42	24	185.260	0.660	3.7	1.4205	0.0000	SURCHARGED
30 minute summer	FC43	25	185.231	0.630	3.7	1.4262	0.0000	SURCHARGED
30 minute summer	FC44	18	184.638	0.038	2.8	0.0471	0.0000	OK
30 minute summer	FC45	23	185.238	0.637	2.8	0.9629	0.0000	SURCHARGED
30 minute summer	FC46	27	185.382	0.682	5.1	2.1488	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	24	185.464	0.664	3.7	1.4169	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.8	0.775	0.077	0.0053	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	0.8	0.675	0.094	0.0220	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.761	0.076	0.0126	
30 minute summer	FC43	Infiltration		0.0				0.0
30 minute summer	FC44	46.000	J40	2.8	1.090	0.263	0.0113	
30 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.8	0.899	0.061	0.0041	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
30 minute summer	FC46	Infiltration		0.0				0.0
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
30 minute summer	FC48	50.000	J42	0.8	0.726	0.058	0.0087	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	24	185.465	0.665	3.7	1.4248	0.0000	SURCHARGED
30 minute summer	FC50	24	185.465	0.665	3.7	1.4245	0.0000	SURCHARGED
30 minute summer	FC51	24	185.510	0.660	3.7	1.4253	0.0000	SURCHARGED
30 minute summer	FC52	24	185.902	0.652	3.7	1.4216	0.0000	SURCHARGED
30 minute summer	FC53	24	185.914	0.663	3.7	1.4197	0.0000	SURCHARGED
30 minute summer	FC54	23	185.888	0.638	2.8	0.9632	0.0000	SURCHARGED
30 minute summer	FC55	23	185.887	0.637	2.8	0.9620	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.8	0.515	0.136	0.0068	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.8	0.515	0.137	0.0073	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.8	0.518	0.136	0.0096	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.8	0.709	0.087	0.0049	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.8	0.782	0.074	0.0040	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	0.988	0.053	0.0033	
30 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	23	185.983	0.632	2.8	0.9622	0.0000	SURCHARGED
30 minute summer	FC57	23	185.983	0.633	2.8	0.9626	0.0000	SURCHARGED
30 minute summer	FC58	23	185.987	0.637	2.8	0.9626	0.0000	SURCHARGED
30 minute summer	FC59	23	185.988	0.638	2.8	0.9627	0.0000	SURCHARGED
30 minute summer	FC60	24	186.014	0.664	3.7	1.4187	0.0000	SURCHARGED
30 minute summer	FC61	24	185.964	0.664	3.7	1.4197	0.0000	SURCHARGED
30 minute summer	FC62	27	185.927	0.677	5.1	2.1500	0.0000	SURCHARGED
30 minute summer	FC63	23	186.039	0.639	2.8	0.9801	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.021	0.051	0.0051	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.957	0.056	0.0054	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.8	0.920	0.059	0.0054	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.8	0.853	0.066	0.0060	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.8	0.849	0.069	0.0063	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.8	0.681	0.094	0.0088	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	1.4	0.581	0.239	0.0186	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	23	185.793	0.643	2.8	1.0173	0.0000	SURCHARGED
30 minute summer	FC65	24	185.818	0.668	3.7	1.4352	0.0000	SURCHARGED
30 minute summer	FC66	24	185.667	0.667	3.7	1.4219	0.0000	SURCHARGED
30 minute summer	FC67	31	184.933	0.133	2.8	1.3717	0.0000	SURCHARGED
30 minute summer	FC68	23	185.188	0.638	2.8	0.9644	0.0000	SURCHARGED
30 minute summer	J1	19	188.545	0.344	14.3	0.5068	0.0000	SURCHARGED
30 minute summer	J2	20	188.205	0.149	14.4	0.1684	0.0000	OK
30 minute summer	J3	20	188.173	0.123	15.2	0.1389	0.0000	OK
30 minute summer	J4	20	188.126	0.087	16.0	0.0981	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.5	0.352	0.261	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.3	0.443	0.137	0.0171	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
30 minute summer	FC66	Infiltration		0.0				0.0
30 minute summer	FC67	69.000	J56	0.3	0.397	0.058	0.0018	
30 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
30 minute summer	FC68	Infiltration		0.0				0.0
30 minute summer	J1	1.001	J2	13.6	1.739	1.640	0.0393	
30 minute summer	J2	1.002	J3	14.4	0.858	1.071	0.0172	
30 minute summer	J3	1.003	J4	15.2	1.157	1.144	0.0253	
30 minute summer	J4	1.004	J5	16.0	1.642	0.468	0.0344	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J5	20	187.986	0.076	16.8	0.0855	0.0000	OK
30 minute summer	J6	20	187.760	0.110	17.5	0.1246	0.0000	OK
30 minute summer	J7	20	187.643	0.118	18.3	0.1332	0.0000	OK
30 minute summer	J8	20	187.595	0.074	18.2	0.0832	0.0000	OK
30 minute summer	J9	21	187.395	0.120	19.9	0.1356	0.0000	OK
30 minute summer	J10	20	187.346	0.076	20.0	0.0858	0.0000	OK
30 minute summer	J11	19	187.243	0.122	21.5	0.1380	0.0000	OK
30 minute summer	J12	19	186.952	0.143	37.4	0.1619	0.0000	OK
30 minute summer	J13	19	186.838	0.211	37.7	0.2383	0.0000	OK
30 minute summer	J14	19	186.816	0.194	38.5	0.2189	0.0000	OK
30 minute summer	J15	19	186.785	0.168	39.2	0.1902	0.0000	OK
30 minute summer	J16	19	186.738	0.133	39.9	0.1506	0.0000	OK
30 minute summer	J17	19	186.397	0.114	40.6	0.1288	0.0000	OK
30 minute summer	J18	19	186.274	0.149	48.8	0.1688	0.0000	OK
30 minute summer	J19	19	186.237	0.210	49.6	0.2380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J5	1.005	J6	16.8	1.464	0.438	0.0646	
30 minute summer	J6	1.006	J7	17.5	1.444	0.616	0.0238	
30 minute summer	J7	1.007	J8	17.4	1.081	0.565	0.0182	
30 minute summer	J8	1.008	J9	19.1	1.171	0.214	0.1387	
30 minute summer	J9	1.009	J10	19.2	1.162	0.577	0.0200	
30 minute summer	J10	1.010	J11	20.7	1.345	0.161	0.0409	
30 minute summer	J11	1.011	S2	21.7	0.809	0.337	0.1595	
30 minute summer	J12	1.013	J13	37.4	1.481	0.559	0.1671	
30 minute summer	J13	1.014	J14	37.7	0.747	0.665	0.0957	
30 minute summer	J14	1.015	J15	38.4	0.866	0.682	0.0850	
30 minute summer	J15	1.016	J16	39.1	1.105	0.734	0.1815	
30 minute summer	J16	1.017	J17	39.8	1.510	0.280	0.0888	
30 minute summer	J17	1.018	S3	40.6	1.167	0.131	0.0672	
30 minute summer	J18	1.020	J19	48.8	1.106	0.170	0.0654	
30 minute summer	J19	1.021	S4	49.5	1.043	0.897	0.2082	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J20	20	186.173	0.142	11.0	0.1609	0.0000	OK
30 minute summer	J21	20	186.153	0.144	11.6	0.1629	0.0000	OK
30 minute summer	J22	20	186.114	0.151	12.1	0.1706	0.0000	SURCHARGED
30 minute summer	J23	20	186.086	0.144	12.5	0.1626	0.0000	OK
30 minute summer	J24	19	186.033	0.216	22.1	0.2444	0.0000	OK
30 minute summer	J25	19	186.016	0.220	22.7	0.2489	0.0000	OK
30 minute summer	J26	19	186.000	0.221	23.7	0.2494	0.0000	OK
30 minute summer	J27	19	185.928	0.192	33.8	0.2167	0.0000	OK
30 minute summer	J28	20	186.702	0.346	8.4	0.3917	0.0000	SURCHARGED
30 minute summer	J29	20	186.519	0.248	8.7	0.2809	0.0000	SURCHARGED
30 minute summer	J30	19	186.329	0.182	18.1	0.2060	0.0000	SURCHARGED
30 minute summer	J31	19	186.183	0.139	18.9	0.1566	0.0000	OK
30 minute summer	J32	19	186.134	0.123	19.7	0.1393	0.0000	OK
30 minute summer	J33	19	185.620	0.085	29.8	0.0964	0.0000	OK
30 minute summer	J34	19	185.312	0.187	41.0	0.2120	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J20	23.002	J21	10.8	0.675	0.799	0.0654	
30 minute summer	J21	23.003	J22	11.3	0.686	0.841	0.1401	
30 minute summer	J22	23.004	J23	12.1	0.710	0.897	0.0628	
30 minute summer	J23	23.005	S18	12.8	0.851	0.956	0.1297	
30 minute summer	J24	23.007	J25	21.9	0.559	0.729	0.2434	
30 minute summer	J25	23.008	J26	22.9	0.583	0.757	0.1963	
30 minute summer	J26	23.009	S19	23.9	0.621	0.782	0.1463	
30 minute summer	J27	23.011	S4	33.7	1.031	1.129	0.0777	
30 minute summer	J28	32.001	J29	7.8	0.994	1.312	0.0691	
30 minute summer	J29	32.002	S12	9.1	1.161	1.530	0.0364	
30 minute summer	J30	32.004	J31	18.1	1.041	1.366	0.0825	
30 minute summer	J31	32.005	J32	18.9	0.791	0.629	0.2332	
30 minute summer	J32	32.006	S13	19.7	1.107	0.654	0.0981	
30 minute summer	J33	32.008	S14	29.9	1.197	0.288	0.2325	
30 minute summer	J34	32.010	J35	41.1	1.356	1.067	0.2705	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J35	19	185.209	0.134	41.9	0.1514	0.0000	OK
30 minute summer	J36	19	185.068	0.193	42.8	0.2183	0.0000	OK
30 minute summer	J37	19	184.694	0.193	54.3	0.2188	0.0000	OK
30 minute summer	J38	19	184.597	0.297	65.9	0.3357	0.0000	OK
30 minute summer	J39	19	184.533	0.259	66.8	0.2931	0.0000	OK
30 minute summer	J40	19	184.475	0.209	69.5	0.2369	0.0000	OK
30 minute summer	J41	28	184.622	0.025	0.8	0.0284	0.0000	OK
30 minute summer	J42	26	184.574	0.037	1.6	0.0422	0.0000	OK
30 minute summer	J43	20	184.527	0.147	9.8	0.1662	0.0000	OK
30 minute summer	J44	20	184.518	0.148	10.2	0.1671	0.0000	OK
30 minute summer	J45	20	184.486	0.166	10.5	0.1873	0.0000	SURCHARGED
30 minute summer	J46	20	184.462	0.240	17.6	0.2715	0.0000	SURCHARGED
30 minute summer	J47	20	184.453	0.246	17.9	0.2779	0.0000	SURCHARGED
30 minute summer	J48	20	184.433	0.239	25.4	0.2698	0.0000	SURCHARGED
30 minute summer	J49	20	184.406	0.237	26.0	0.2677	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J35	32.011	J36	42.0	1.360	0.472	0.2091	
30 minute summer	J36	32.012	S15	42.9	1.356	1.429	0.0743	
30 minute summer	J37	32.014	S16	54.4	1.363	0.986	0.2085	
30 minute summer	J38	32.016	J39	66.0	0.969	1.222	0.7301	
30 minute summer	J39	32.017	J40	66.9	1.134	1.223	0.2142	
30 minute summer	J40	32.018	S10	69.6	1.429	0.699	0.4655	
30 minute summer	J41	48.002	J42	0.8	0.434	0.138	0.0130	
30 minute summer	J42	48.003	S21	1.6	0.629	0.277	0.0374	
30 minute summer	J43	48.005	J44	9.5	0.655	0.681	0.0282	
30 minute summer	J44	48.006	J45	9.8	0.684	0.731	0.1542	
30 minute summer	J45	48.007	S22	10.8	0.711	0.797	0.0419	
30 minute summer	J46	48.009	J47	17.1	0.432	0.556	0.1676	
30 minute summer	J47	48.010	S23	18.0	0.451	0.596	0.1050	
30 minute summer	J48	48.012	J49	25.2	0.634	0.843	0.2962	
30 minute summer	J49	48.013	J50	25.8	0.650	0.843	0.0451	

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.392	0.227	26.6	0.2571	0.0000	SURCHARGED
30 minute summer	J51	20	184.369	0.221	27.3	0.2498	0.0000	OK
30 minute summer	J52	20	184.352	0.208	28.1	0.2356	0.0000	OK
30 minute summer	J53	20	184.323	0.196	28.9	0.2222	0.0000	OK
30 minute summer	J54	21	185.335	0.206	8.4	0.2326	0.0000	SURCHARGED
30 minute summer	J55	21	185.245	0.151	8.6	0.1709	0.0000	SURCHARGED
30 minute summer	J56	20	184.251	0.244	44.7	0.2760	0.0000	OK
30 minute summer	J57	20	184.220	0.235	45.6	0.2658	0.0000	OK
30 minute summer	BASIN 1	76	185.773	0.848	94.3	98.5454	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.737	0.437	5.1	42.8545	0.0000	OK
30 minute summer	BASIN 3	270	182.849	-0.251	94.6	91.0595	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	26.5	0.669	0.887	0.2012	
30 minute summer	J51	48.015	J52	27.3	0.699	0.891	0.0443	
30 minute summer	J52	48.016	J53	28.1	0.748	0.922	0.1833	
30 minute summer	J53	48.017	S24	29.0	0.874	0.960	0.3634	
30 minute summer	J54	65.002	J55	7.9	1.006	1.330	0.0285	
30 minute summer	J55	65.003	S24	8.4	1.078	1.108	0.0601	
30 minute summer	J56	48.019	J57	44.8	0.743	0.826	0.5478	
30 minute summer	J57	48.020	S25	45.8	0.809	0.838	0.3483	
30 minute summer	BASIN 1	1.023	S5	4.1	0.355	0.050	0.9418	
30 minute summer	BASIN 1	Infiltration		0.1				1.6
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 2	71.000	BH1	2.2	0.797	0.379	0.1829	
30 minute summer	BASIN 2	Infiltration		0.0				0.0
30 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	BASIN 4	122	183.605	0.275	64.2	79.5362	0.0000	OK
30 minute summer	SWALE 1	77	184.925	0.051	3.2	0.0723	0.0000	OK
30 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	19	184.223	0.228	80.8	0.3256	0.0000	OK
30 minute summer	BH1	270	184.737	0.660	2.2	2.7151	0.0000	OK
30 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute summer	BH3	123	183.605	0.286	12.5	2.9420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	BASIN 4	48.022	BH3	12.5	1.145	0.231	0.3123	
30 minute summer	BASIN 4	Infiltration		0.0				0.0
30 minute summer	SWALE 1	1.025	S6	3.2	0.370	0.038	0.3230	
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute summer	SWALE 3	1.033	BASIN 3	79.9	1.215	0.639	2.8564	
30 minute summer	BH1	Infiltration		0.1				1.3
30 minute summer	BH2	Infiltration		0.0				0.0
30 minute summer	BH3	Infiltration		0.2				2.7

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	19	188.559	0.189	6.4	0.2786	0.0000	SURCHARGED
30 minute winter	S2	19	187.226	0.187	32.8	0.3233	0.0000	OK
30 minute winter	S3	19	186.313	0.176	43.0	0.2342	0.0000	OK
30 minute winter	S4	75	185.769	0.391	79.8	0.5016	0.0000	SURCHARGED
30 minute winter	S5	75	185.769	0.859	4.3	1.2295	0.0000	SURCHARGED
30 minute winter	S6	77	184.856	0.048	3.2	0.0693	0.0000	OK
30 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.330	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	19	184.277	0.152	1.1	0.2173	0.0000	OK
30 minute winter	S10	19	184.277	0.164	69.0	0.2980	0.0000	OK
30 minute winter	S11	20	186.708	0.308	8.2	0.4845	0.0000	SURCHARGED
30 minute winter	S12	19	186.374	0.198	15.7	0.2921	0.0000	SURCHARGED
30 minute winter	S13	19	186.077	0.084	25.7	0.1257	0.0000	OK
30 minute winter	S14	19	185.351	0.176	35.4	0.2770	0.0000	OK
30 minute winter	S15	19	184.995	0.128	46.0	0.2016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S1	1.000	J1	5.7	0.731	0.655	0.0642	
30 minute winter	S2	1.012	J12	32.7	1.022	1.097	0.0476	
30 minute winter	S3	1.019	J18	42.9	1.150	0.806	0.1915	
30 minute winter	S4	1.022	BASIN 1	80.2	2.006	0.479	1.1778	
30 minute winter	S5	1.024	SWALE 1	3.2	0.390	0.038	0.1783	
30 minute winter	S6	1.026	BASIN 2	3.2	0.444	0.036	0.0409	
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2511	
30 minute winter	S9	1.031	S10	-1.1	-0.179	-0.014	0.2941	
30 minute winter	S10	1.032	SWALE 3	68.9	1.287	0.209	0.2354	
30 minute winter	S11	32.000	J28	7.1	0.910	1.197	0.0355	
30 minute winter	S12	32.003	J30	15.6	0.888	1.170	0.0895	
30 minute winter	S13	32.007	J33	25.7	1.994	0.262	0.1674	
30 minute winter	S14	32.009	J34	35.3	1.085	0.696	0.1706	
30 minute winter	S15	32.013	J37	46.0	2.140	0.499	0.2007	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	19	184.613	0.126	55.6	0.1920	0.0000	OK
30 minute winter	S17	19	186.348	0.198	8.9	0.3156	0.0000	SURCHARGED
30 minute winter	S18	19	186.014	0.190	18.9	0.2801	0.0000	OK
30 minute winter	S19	19	185.961	0.195	29.0	0.2813	0.0000	OK
30 minute winter	S20	29	184.668	0.026	0.8	0.0295	0.0000	OK
30 minute winter	S21	19	184.512	0.102	7.9	0.1360	0.0000	OK
30 minute winter	S22	20	184.439	0.208	15.8	0.2697	0.0000	OK
30 minute winter	S23	20	184.419	0.221	22.8	0.2851	0.0000	OK
30 minute winter	S24	20	184.259	0.242	41.4	0.3180	0.0000	OK
30 minute winter	S25	20	184.177	0.207	48.1	0.2865	0.0000	OK
30 minute winter	S26	19	185.445	0.068	7.3	0.1008	0.0000	OK
30 minute winter	FC1	25	188.919	0.669	3.0	1.4434	0.0000	SURCHARGED
30 minute winter	FC2	25	188.812	0.662	3.0	1.3865	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S16	32.015	J38	55.7	1.162	0.175	0.1075	
30 minute winter	S17	23.001	J20	8.5	1.093	1.442	0.0548	
30 minute winter	S18	23.006	J24	18.8	0.547	0.589	0.0650	
30 minute winter	S19	23.010	J27	28.9	0.825	0.965	0.3117	
30 minute winter	S20	48.001	J41	0.8	0.519	0.137	0.0073	
30 minute winter	S21	48.004	J43	7.8	0.595	0.588	0.0693	
30 minute winter	S22	48.008	J46	15.6	0.440	0.497	0.0938	
30 minute winter	S23	48.011	J48	22.7	0.583	0.735	0.0442	
30 minute winter	S24	48.018	J56	41.4	0.694	0.774	0.2529	
30 minute winter	S25	48.021	BASIN 4	48.1	1.032	0.903	0.1791	
30 minute winter	S26	65.001	J54	7.3	0.990	0.700	0.0576	
30 minute winter	FC1	2.000	J1	1.9	0.564	0.305	0.0372	
30 minute winter	FC1	Infiltration		0.0				0.0
30 minute winter	FC2	3.000	J2	0.9	0.516	0.154	0.0234	
30 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC3	28	188.871	0.671	4.1	2.1395	0.0000	SURCHARGED
30 minute winter	FC4	24	188.832	0.632	2.2	0.9249	0.0000	SURCHARGED
30 minute winter	FC5	25	188.659	0.659	3.0	1.3843	0.0000	SURCHARGED
30 minute winter	FC6	24	188.484	0.634	2.2	0.9237	0.0000	SURCHARGED
30 minute winter	FC7	24	188.384	0.634	2.2	0.9253	0.0000	SURCHARGED
30 minute winter	FC8	25	188.411	0.661	3.0	1.3799	0.0000	SURCHARGED
30 minute winter	FC9	24	188.104	0.634	2.2	0.9267	0.0000	SURCHARGED
30 minute winter	FC10	28	188.151	0.681	4.1	2.1373	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC3	4.000	J3	0.8	0.543	0.130	0.0315	
30 minute winter	FC3	Infiltration		0.0				0.0
30 minute winter	FC4	5.000	J4	0.8	0.608	0.106	0.0121	
30 minute winter	FC4	Infiltration		0.0				0.0
30 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065	
30 minute winter	FC5	Infiltration		0.0				0.0
30 minute winter	FC6	7.000	J6	0.8	0.677	0.091	0.0195	
30 minute winter	FC6	Infiltration		0.0				0.0
30 minute winter	FC7	8.000	J7	0.8	0.588	0.111	0.0098	
30 minute winter	FC7	Infiltration		0.0				0.0
30 minute winter	FC8	9.000	J8	0.8	0.724	0.084	0.0047	
30 minute winter	FC8	Infiltration		0.0				0.0
30 minute winter	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
30 minute winter	FC9	Infiltration		0.0				0.0
30 minute winter	FC10	11.000	J10	0.8	0.564	0.124	0.0091	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC11	25	187.985	0.665	3.0	1.3826	0.0000	SURCHARGED
30 minute winter	FC12	25	187.896	0.666	3.0	1.3821	0.0000	SURCHARGED
30 minute winter	FC13	25	187.665	0.665	3.0	1.3827	0.0000	SURCHARGED
30 minute winter	FC14	31	187.050	0.150	3.0	1.9108	0.0000	SURCHARGED
30 minute winter	FC15	24	187.835	0.634	2.2	0.9210	0.0000	SURCHARGED
30 minute winter	FC16	24	187.535	0.635	2.2	0.9261	0.0000	SURCHARGED
30 minute winter	FC17	24	187.635	0.635	2.2	0.9221	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC10	Infiltration		0.0				0.0
30 minute winter	FC11	12.000	J11	0.8	0.520	0.137	0.0120	
30 minute winter	FC11	Infiltration		0.0				0.0
30 minute winter	FC12	13.000	S2	0.8	0.519	0.137	0.0227	
30 minute winter	FC12	Infiltration		0.0				0.0
30 minute winter	FC13	14.000	J12	0.8	0.520	0.136	0.0106	
30 minute winter	FC13	Infiltration		0.0				0.0
30 minute winter	FC14	15.000	J13	0.4	0.417	0.062	0.0067	
30 minute winter	FC14	Infiltration		0.0				0.0
30 minute winter	FC15	16.000	J14	0.8	1.100	0.046	0.0034	
30 minute winter	FC15	Infiltration		0.0				0.0
30 minute winter	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
30 minute winter	FC16	Infiltration		0.0				0.0
30 minute winter	FC17	18.000	J16	0.8	0.859	0.065	0.0045	
30 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC18	24	187.185	0.635	2.2	0.9267	0.0000	SURCHARGED
30 minute winter	FC19	25	187.065	0.665	3.0	1.3828	0.0000	SURCHARGED
30 minute winter	FC20	25	187.610	0.660	3.0	1.3771	0.0000	SURCHARGED
30 minute winter	FC21	25	186.961	0.661	3.0	1.3834	0.0000	SURCHARGED
30 minute winter	FC22	29	186.590	0.140	2.2	1.3515	0.0000	SURCHARGED
30 minute winter	FC23	24	186.934	0.634	2.2	0.9217	0.0000	SURCHARGED
30 minute winter	FC24	25	186.961	0.661	3.0	1.3773	0.0000	SURCHARGED
30 minute winter	FC25	25	187.211	0.661	3.0	1.3770	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC18	19.000	J17	0.8	0.515	0.134	0.0107	
30 minute winter	FC18	Infiltration		0.0				0.0
30 minute winter	FC19	20.000	S3	0.8	0.518	0.137	0.0103	
30 minute winter	FC19	Infiltration		0.0				0.0
30 minute winter	FC20	21.000	J18	0.8	1.047	0.051	0.0034	
30 minute winter	FC20	Infiltration		0.0				0.0
30 minute winter	FC21	22.000	J19	0.8	0.519	0.137	0.0119	
30 minute winter	FC21	Infiltration		0.0				0.0
30 minute winter	FC22	23.000	S17	0.4	0.540	0.024	0.0197	
30 minute winter	FC22	Infiltration		0.0				0.0
30 minute winter	FC23	24.000	J20	0.8	0.910	0.060	0.0140	
30 minute winter	FC23	Infiltration		0.0				0.0
30 minute winter	FC24	25.000	J21	0.8	0.944	0.058	0.0142	
30 minute winter	FC24	Infiltration		0.0				0.0
30 minute winter	FC25	26.000	J22	0.8	1.039	0.051	0.0037	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC26	29	186.585	0.135	2.2	1.3590	0.0000	SURCHARGED
30 minute winter	FC27	24	187.133	0.633	2.2	0.9203	0.0000	SURCHARGED
30 minute winter	FC28	25	187.159	0.659	3.0	1.3772	0.0000	SURCHARGED
30 minute winter	FC29	25	187.156	0.656	3.0	1.3780	0.0000	SURCHARGED
30 minute winter	FC30	25	187.410	0.660	3.0	1.3776	0.0000	SURCHARGED
30 minute winter	FC31	25	187.088	0.638	2.2	0.9643	0.0000	SURCHARGED
30 minute winter	FC32	24	187.084	0.634	2.2	0.9228	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC25	Infiltration		0.0				0.0
30 minute winter	FC26	27.000	J23	0.4	0.720	0.027	0.0023	
30 minute winter	FC26	Infiltration		0.0				0.0
30 minute winter	FC27	28.000	J24	0.8	1.282	0.037	0.0127	
30 minute winter	FC27	Infiltration		0.0				0.0
30 minute winter	FC28	29.000	J25	0.8	1.044	0.051	0.0034	
30 minute winter	FC28	Infiltration		0.0				0.0
30 minute winter	FC29	30.000	J26	0.8	1.015	0.053	0.0038	
30 minute winter	FC29	Infiltration		0.0				0.0
30 minute winter	FC30	31.000	J27	0.8	0.974	0.056	0.0037	
30 minute winter	FC30	Infiltration		0.0				0.0
30 minute winter	FC31	33.000	J28	1.5	0.565	0.163	0.0333	
30 minute winter	FC31	Infiltration		0.0				0.0
30 minute winter	FC32	34.000	J29	1.0	0.423	0.075	0.0200	
30 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC33	25	187.113	0.663	3.0	1.3768	0.0000	SURCHARGED
30 minute winter	FC34	25	187.113	0.663	3.0	1.3826	0.0000	SURCHARGED
30 minute winter	FC35	25	187.110	0.660	3.0	1.3777	0.0000	SURCHARGED
30 minute winter	FC36	25	187.103	0.653	3.0	1.3785	0.0000	SURCHARGED
30 minute winter	FC37	28	186.488	0.688	4.1	2.1308	0.0000	SURCHARGED
30 minute winter	FC38	30	185.566	0.116	2.2	1.3908	0.0000	SURCHARGED
30 minute winter	FC39	24	186.082	0.632	2.2	0.9217	0.0000	SURCHARGED
30 minute winter	FC40	26	186.116	0.616	3.0	1.3912	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC33	35.000	S12	0.8	0.955	0.057	0.0179	
30 minute winter	FC33	Infiltration		0.0				0.0
30 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0072	
30 minute winter	FC34	Infiltration		0.0				0.0
30 minute winter	FC35	37.000	J31	0.8	0.964	0.057	0.0043	
30 minute winter	FC35	Infiltration		0.0				0.0
30 minute winter	FC36	38.000	J32	0.8	1.010	0.053	0.0040	
30 minute winter	FC36	Infiltration		0.0				0.0
30 minute winter	FC37	39.000	J33	0.8	0.695	0.093	0.0078	
30 minute winter	FC37	Infiltration		0.0				0.0
30 minute winter	FC38	40.000	J34	0.3	0.675	0.026	0.0086	
30 minute winter	FC38	Infiltration		0.0				0.0
30 minute winter	FC39	41.000	J35	0.8	0.965	0.055	0.0036	
30 minute winter	FC39	Infiltration		0.0				0.0
30 minute winter	FC40	42.000	J36	0.8	1.178	0.041	0.0114	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC41	25	185.507	0.657	3.0	1.3799	0.0000	SURCHARGED
30 minute winter	FC42	25	185.257	0.657	3.0	1.3807	0.0000	SURCHARGED
30 minute winter	FC43	26	185.230	0.630	3.0	1.3858	0.0000	SURCHARGED
30 minute winter	FC44	18	184.633	0.033	2.2	0.0411	0.0000	OK
30 minute winter	FC45	24	185.234	0.634	2.2	0.9221	0.0000	SURCHARGED
30 minute winter	FC46	28	185.381	0.681	4.1	2.1391	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	25	185.461	0.661	3.0	1.3773	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC40	Infiltration		0.0				0.0
30 minute winter	FC41	43.000	J37	0.8	0.775	0.077	0.0052	
30 minute winter	FC41	Infiltration		0.0				0.0
30 minute winter	FC42	44.000	J38	0.8	0.674	0.093	0.0152	
30 minute winter	FC42	Infiltration		0.0				0.0
30 minute winter	FC43	45.000	J39	0.8	0.760	0.076	0.0066	
30 minute winter	FC43	Infiltration		0.0				0.0
30 minute winter	FC44	46.000	J40	2.2	1.025	0.206	0.0094	
30 minute winter	FC44	Infiltration		0.0				0.0
30 minute winter	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
30 minute winter	FC45	Infiltration		0.0				0.0
30 minute winter	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
30 minute winter	FC46	Infiltration		0.0				0.0
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
30 minute winter	FC48	50.000	J42	0.8	0.736	0.058	0.0087	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC49	25	185.462	0.662	3.0	1.3836	0.0000	SURCHARGED
30 minute winter	FC50	25	185.462	0.662	3.0	1.3836	0.0000	SURCHARGED
30 minute winter	FC51	25	185.507	0.657	3.0	1.3843	0.0000	SURCHARGED
30 minute winter	FC52	25	185.900	0.650	3.0	1.3814	0.0000	SURCHARGED
30 minute winter	FC53	25	185.911	0.661	3.0	1.3796	0.0000	SURCHARGED
30 minute winter	FC54	24	185.884	0.634	2.2	0.9230	0.0000	SURCHARGED
30 minute winter	FC55	24	185.883	0.633	2.2	0.9215	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC48	Infiltration		0.0				0.0
30 minute winter	FC49	51.000	S21	0.8	0.514	0.136	0.0068	
30 minute winter	FC49	Infiltration		0.0				0.0
30 minute winter	FC50	52.000	J43	0.8	0.515	0.136	0.0073	
30 minute winter	FC50	Infiltration		0.0				0.0
30 minute winter	FC51	55.000	S22	0.8	0.517	0.136	0.0095	
30 minute winter	FC51	Infiltration		0.0				0.0
30 minute winter	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
30 minute winter	FC52	Infiltration		0.0				0.0
30 minute winter	FC53	61.000	J50	0.8	0.708	0.087	0.0049	
30 minute winter	FC53	Infiltration		0.0				0.0
30 minute winter	FC54	62.000	J51	0.8	0.781	0.074	0.0040	
30 minute winter	FC54	Infiltration		0.0				0.0
30 minute winter	FC55	64.000	J53	0.8	0.987	0.053	0.0033	
30 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC56	24	185.980	0.630	2.2	0.9218	0.0000	SURCHARGED
30 minute winter	FC57	24	185.980	0.630	2.2	0.9219	0.0000	SURCHARGED
30 minute winter	FC58	24	185.983	0.633	2.2	0.9219	0.0000	SURCHARGED
30 minute winter	FC59	24	185.984	0.634	2.2	0.9221	0.0000	SURCHARGED
30 minute winter	FC60	25	186.011	0.661	3.0	1.3780	0.0000	SURCHARGED
30 minute winter	FC61	25	185.961	0.661	3.0	1.3799	0.0000	SURCHARGED
30 minute winter	FC62	28	185.927	0.677	4.1	2.1387	0.0000	SURCHARGED
30 minute winter	FC63	24	186.035	0.635	2.2	0.9321	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
30 minute winter	FC56	Infiltration		0.0				0.0
30 minute winter	FC57	54.000	J45	0.8	0.956	0.056	0.0054	
30 minute winter	FC57	Infiltration		0.0				0.0
30 minute winter	FC58	56.000	J46	0.8	0.919	0.059	0.0054	
30 minute winter	FC58	Infiltration		0.0				0.0
30 minute winter	FC59	57.000	J47	0.8	0.852	0.066	0.0060	
30 minute winter	FC59	Infiltration		0.0				0.0
30 minute winter	FC60	59.000	J48	0.8	0.849	0.068	0.0063	
30 minute winter	FC60	Infiltration		0.0				0.0
30 minute winter	FC61	60.000	J49	0.8	0.680	0.094	0.0088	
30 minute winter	FC61	Infiltration		0.0				0.0
30 minute winter	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
30 minute winter	FC62	Infiltration		0.0				0.0
30 minute winter	FC63	65.000	S26	0.9	0.578	0.154	0.0110	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC64	24	185.788	0.638	2.2	0.9711	0.0000	SURCHARGED
30 minute winter	FC65	25	185.814	0.664	3.0	1.3889	0.0000	SURCHARGED
30 minute winter	FC66	25	185.664	0.663	3.0	1.3816	0.0000	SURCHARGED
30 minute winter	FC67	30	184.933	0.133	2.2	1.3697	0.0000	SURCHARGED
30 minute winter	FC68	24	185.184	0.634	2.2	0.9241	0.0000	SURCHARGED
30 minute winter	J1	20	188.467	0.267	12.2	0.3932	0.0000	SURCHARGED
30 minute winter	J2	20	188.192	0.136	12.8	0.1537	0.0000	OK
30 minute winter	J3	20	188.164	0.114	13.6	0.1287	0.0000	OK
30 minute winter	J4	20	188.120	0.081	14.4	0.0913	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC63	Infiltration		0.0				0.0
30 minute winter	FC64	66.000	J54	1.2	0.351	0.209	0.0172	
30 minute winter	FC64	Infiltration		0.0				0.0
30 minute winter	FC65	67.000	J55	1.5	0.439	0.155	0.0150	
30 minute winter	FC65	Infiltration		0.0				0.0
30 minute winter	FC66	68.000	S24	0.8	0.577	0.112	0.0030	
30 minute winter	FC66	Infiltration		0.0				0.0
30 minute winter	FC67	69.000	J56	0.3	0.397	0.058	0.0018	
30 minute winter	FC67	Infiltration		0.0				0.0
30 minute winter	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
30 minute winter	FC68	Infiltration		0.0				0.0
30 minute winter	J1	1.001	J2	12.0	1.535	1.448	0.0389	
30 minute winter	J2	1.002	J3	12.8	0.816	0.952	0.0162	
30 minute winter	J3	1.003	J4	13.6	1.124	1.022	0.0234	
30 minute winter	J4	1.004	J5	14.3	1.613	0.421	0.0314	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J5	20	187.981	0.071	15.1	0.0798	0.0000	OK
30 minute winter	J6	21	187.753	0.103	15.9	0.1161	0.0000	OK
30 minute winter	J7	21	187.637	0.112	16.7	0.1265	0.0000	OK
30 minute winter	J8	21	187.591	0.070	17.0	0.0789	0.0000	OK
30 minute winter	J9	21	187.391	0.116	18.3	0.1306	0.0000	OK
30 minute winter	J10	21	187.342	0.071	19.3	0.0808	0.0000	OK
30 minute winter	J11	20	187.231	0.110	19.9	0.1247	0.0000	OK
30 minute winter	J12	19	186.941	0.132	33.5	0.1491	0.0000	OK
30 minute winter	J13	19	186.824	0.197	33.8	0.2231	0.0000	OK
30 minute winter	J14	19	186.804	0.182	34.5	0.2054	0.0000	OK
30 minute winter	J15	20	186.775	0.158	35.2	0.1791	0.0000	OK
30 minute winter	J16	20	186.730	0.125	36.0	0.1418	0.0000	OK
30 minute winter	J17	20	186.387	0.104	36.8	0.1181	0.0000	OK
30 minute winter	J18	19	186.263	0.138	43.7	0.1561	0.0000	OK
30 minute winter	J19	20	186.224	0.197	44.5	0.2233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J5	1.005	J6	15.1	1.437	0.395	0.0595	
30 minute winter	J6	1.006	J7	15.9	1.415	0.559	0.0220	
30 minute winter	J7	1.007	J8	16.2	1.079	0.526	0.0170	
30 minute winter	J8	1.008	J9	17.5	1.137	0.197	0.1311	
30 minute winter	J9	1.009	J10	18.5	1.186	0.554	0.0188	
30 minute winter	J10	1.010	J11	19.1	1.340	0.148	0.0368	
30 minute winter	J11	1.011	S2	20.0	0.784	0.310	0.1458	
30 minute winter	J12	1.013	J13	33.5	1.474	0.500	0.1494	
30 minute winter	J13	1.014	J14	33.7	0.720	0.596	0.0888	
30 minute winter	J14	1.015	J15	34.4	0.837	0.611	0.0788	
30 minute winter	J15	1.016	J16	35.2	1.074	0.660	0.1681	
30 minute winter	J16	1.017	J17	36.0	1.474	0.253	0.0822	
30 minute winter	J17	1.018	S3	36.8	1.154	0.118	0.0610	
30 minute winter	J18	1.020	J19	43.7	1.079	0.153	0.0601	
30 minute winter	J19	1.021	S4	44.5	1.007	0.807	0.1941	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J20	19	186.145	0.114	9.3	0.1289	0.0000	OK
30 minute winter	J21	20	186.123	0.114	10.0	0.1288	0.0000	OK
30 minute winter	J22	20	186.089	0.125	10.8	0.1419	0.0000	OK
30 minute winter	J23	20	186.061	0.119	11.1	0.1345	0.0000	OK
30 minute winter	J24	19	186.004	0.187	19.6	0.2112	0.0000	OK
30 minute winter	J25	19	185.989	0.193	20.3	0.2184	0.0000	OK
30 minute winter	J26	19	185.975	0.196	21.1	0.2216	0.0000	OK
30 minute winter	J27	19	185.913	0.176	29.7	0.1996	0.0000	OK
30 minute winter	J28	21	186.631	0.275	7.3	0.3115	0.0000	SURCHARGED
30 minute winter	J29	21	186.478	0.207	8.0	0.2336	0.0000	SURCHARGED
30 minute winter	J30	19	186.311	0.164	16.4	0.1856	0.0000	SURCHARGED
30 minute winter	J31	20	186.174	0.130	17.2	0.1473	0.0000	OK
30 minute winter	J32	20	186.127	0.116	18.0	0.1317	0.0000	OK
30 minute winter	J33	19	185.613	0.078	26.5	0.0884	0.0000	OK
30 minute winter	J34	19	185.293	0.168	35.6	0.1901	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J20	23.002	J21	9.3	0.655	0.685	0.0541	
30 minute winter	J21	23.003	J22	10.0	0.673	0.744	0.1205	
30 minute winter	J22	23.004	J23	10.8	0.706	0.797	0.0552	
30 minute winter	J23	23.005	S18	11.1	0.829	0.829	0.1100	
30 minute winter	J24	23.007	J25	19.5	0.544	0.647	0.2210	
30 minute winter	J25	23.008	J26	20.3	0.559	0.673	0.1812	
30 minute winter	J26	23.009	S19	21.2	0.588	0.694	0.1359	
30 minute winter	J27	23.011	S4	29.7	0.981	0.993	0.0720	
30 minute winter	J28	32.001	J29	7.1	0.911	1.203	0.0691	
30 minute winter	J29	32.002	S12	8.2	1.049	1.383	0.0364	
30 minute winter	J30	32.004	J31	16.4	0.951	1.234	0.0809	
30 minute winter	J31	32.005	J32	17.2	0.771	0.572	0.2169	
30 minute winter	J32	32.006	S13	18.0	1.081	0.599	0.0907	
30 minute winter	J33	32.008	S14	26.5	1.181	0.254	0.2067	
30 minute winter	J34	32.010	J35	35.6	1.332	0.924	0.2398	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J35	19	185.194	0.119	36.4	0.1348	0.0000	OK
30 minute winter	J36	19	185.049	0.174	37.2	0.1973	0.0000	OK
30 minute winter	J37	19	184.676	0.176	46.8	0.1995	0.0000	OK
30 minute winter	J38	19	184.561	0.261	56.5	0.2953	0.0000	OK
30 minute winter	J39	19	184.505	0.231	57.3	0.2611	0.0000	OK
30 minute winter	J40	19	184.453	0.188	59.4	0.2128	0.0000	OK
30 minute winter	J41	29	184.622	0.025	0.8	0.0284	0.0000	OK
30 minute winter	J42	27	184.574	0.037	1.6	0.0421	0.0000	OK
30 minute winter	J43	19	184.494	0.114	8.6	0.1289	0.0000	OK
30 minute winter	J44	20	184.479	0.109	9.2	0.1237	0.0000	OK
30 minute winter	J45	20	184.455	0.135	9.9	0.1522	0.0000	OK
30 minute winter	J46	20	184.434	0.212	16.3	0.2393	0.0000	OK
30 minute winter	J47	20	184.426	0.219	16.9	0.2479	0.0000	OK
30 minute winter	J48	20	184.409	0.215	23.5	0.2429	0.0000	OK
30 minute winter	J49	20	184.388	0.219	24.1	0.2475	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J35	32.011	J36	36.4	1.327	0.409	0.1868	
30 minute winter	J36	32.012	S15	37.2	1.314	1.239	0.0668	
30 minute winter	J37	32.014	S16	46.8	1.321	0.848	0.1844	
30 minute winter	J38	32.016	J39	56.5	0.915	1.046	0.6666	
30 minute winter	J39	32.017	J40	57.3	1.091	1.048	0.1913	
30 minute winter	J40	32.018	S10	59.4	1.380	0.597	0.4121	
30 minute winter	J41	48.002	J42	0.8	0.436	0.138	0.0130	
30 minute winter	J42	48.003	S21	1.6	0.629	0.276	0.0271	
30 minute winter	J43	48.005	J44	8.5	0.638	0.610	0.0225	
30 minute winter	J44	48.006	J45	9.1	0.672	0.684	0.1335	
30 minute winter	J45	48.007	S22	9.8	0.724	0.721	0.0395	
30 minute winter	J46	48.009	J47	16.2	0.420	0.525	0.1649	
30 minute winter	J47	48.010	S23	16.9	0.428	0.561	0.1044	
30 minute winter	J48	48.012	J49	23.3	0.597	0.778	0.2925	
30 minute winter	J49	48.013	J50	24.0	0.617	0.783	0.0443	

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J50	20	184.375	0.210	24.8	0.2379	0.0000	OK
30 minute winter	J51	20	184.355	0.207	25.5	0.2338	0.0000	OK
30 minute winter	J52	20	184.338	0.194	26.3	0.2198	0.0000	OK
30 minute winter	J53	20	184.310	0.183	27.1	0.2068	0.0000	OK
30 minute winter	J54	20	185.297	0.168	7.8	0.1904	0.0000	SURCHARGED
30 minute winter	J55	21	185.219	0.125	8.6	0.1414	0.0000	SURCHARGED
30 minute winter	J56	20	184.238	0.231	41.7	0.2617	0.0000	OK
30 minute winter	J57	20	184.209	0.224	42.4	0.2530	0.0000	OK
30 minute winter	BASIN 1	75	185.769	0.844	83.7	97.9407	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.736	0.435	4.5	42.6922	0.0000	OK
30 minute winter	BASIN 3	270	182.848	-0.252	80.7	90.6043	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J50	48.014	J51	24.8	0.646	0.829	0.1949	
30 minute winter	J51	48.015	J52	25.5	0.682	0.832	0.0424	
30 minute winter	J52	48.016	J53	26.3	0.739	0.862	0.1731	
30 minute winter	J53	48.017	S24	27.1	0.873	0.898	0.3392	
30 minute winter	J54	65.002	J55	7.4	0.950	1.256	0.0285	
30 minute winter	J55	65.003	S24	7.9	1.051	1.042	0.0596	
30 minute winter	J56	48.019	J57	41.6	0.726	0.767	0.5209	
30 minute winter	J57	48.020	S25	42.4	0.788	0.776	0.3310	
30 minute winter	BASIN 1	1.023	S5	4.3	0.358	0.051	0.9418	
30 minute winter	BASIN 1	Infiltration		0.1				1.6
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 2	71.000	BH1	2.2	0.787	0.377	0.1829	
30 minute winter	BASIN 2	Infiltration		0.0				0.0
30 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	BASIN 4	121	183.604	0.274	59.1	79.0610	0.0000	OK
30 minute winter	SWALE 1	76	184.925	0.050	3.2	0.0723	0.0000	OK
30 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	19	184.200	0.205	68.9	0.2939	0.0000	OK
30 minute winter	BH1	270	184.735	0.658	2.2	2.7108	0.0000	OK
30 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute winter	BH3	120	183.604	0.285	12.1	2.9346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	BASIN 4	48.022	BH3	12.1	1.118	0.224	0.3112	
30 minute winter	BASIN 4	Infiltration		0.0				0.0
30 minute winter	SWALE 1	1.025	S6	3.2	0.369	0.038	0.3225	
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000	
30 minute winter	SWALE 3	1.033	BASIN 3	68.6	1.163	0.549	2.5480	
30 minute winter	BH1	Infiltration		0.1				1.3
30 minute winter	BH2	Infiltration		0.0				0.0
30 minute winter	BH3	Infiltration		0.2				2.8

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	34	188.519	0.149	5.9	0.2191	0.0000	SURCHARGED
60 minute summer	S2	34	187.222	0.183	31.5	0.3157	0.0000	OK
60 minute summer	S3	34	186.309	0.172	41.5	0.2291	0.0000	OK
60 minute summer	S4	97	185.940	0.561	76.6	0.7198	0.0000	SURCHARGED
60 minute summer	S5	97	185.939	1.029	3.5	1.4729	0.0000	SURCHARGED
60 minute summer	S6	99	184.859	0.051	3.5	0.0724	0.0000	OK
60 minute summer	S7	300	184.768	0.009	0.3	0.0128	0.0000	OK
60 minute summer	S8	300	184.332	0.002	0.1	0.0033	0.0000	OK
60 minute summer	S9	34	184.271	0.146	1.0	0.2094	0.0000	OK
60 minute summer	S10	34	184.271	0.158	65.8	0.2880	0.0000	OK
60 minute summer	S11	35	186.671	0.271	7.7	0.4254	0.0000	SURCHARGED
60 minute summer	S12	34	186.362	0.186	15.1	0.2747	0.0000	SURCHARGED
60 minute summer	S13	34	186.075	0.082	24.6	0.1228	0.0000	OK
60 minute summer	S14	34	185.344	0.169	33.8	0.2667	0.0000	OK
60 minute summer	S15	34	184.991	0.124	43.9	0.1955	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S1	1.000	J1	5.4	0.709	0.614	0.0642	
60 minute summer	S2	1.012	J12	31.5	1.005	1.055	0.0466	
60 minute summer	S3	1.019	J18	41.5	1.143	0.778	0.1861	
60 minute summer	S4	1.022	BASIN 1	76.0	1.468	0.454	1.1778	
60 minute summer	S5	1.024	SWALE 1	3.5	0.369	0.042	0.1908	
60 minute summer	S6	1.026	BASIN 2	3.5	0.456	0.040	0.0437	
60 minute summer	S7	1.028	SWALE 2	0.3	0.370	0.001	0.0156	
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2390	
60 minute summer	S9	1.031	S10	-1.0	-0.128	-0.012	0.2805	
60 minute summer	S10	1.032	SWALE 3	65.7	1.277	0.199	0.2262	
60 minute summer	S11	32.000	J28	6.7	0.863	1.135	0.0355	
60 minute summer	S12	32.003	J30	15.0	0.853	1.124	0.0895	
60 minute summer	S13	32.007	J33	24.6	1.978	0.251	0.1617	
60 minute summer	S14	32.009	J34	33.7	1.074	0.665	0.1647	
60 minute summer	S15	32.013	J37	43.9	2.119	0.476	0.1935	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	33	184.609	0.122	53.1	0.1865	0.0000	OK
60 minute summer	S17	34	186.324	0.174	8.3	0.2771	0.0000	SURCHARGED
60 minute summer	S18	34	186.005	0.181	18.0	0.2682	0.0000	OK
60 minute summer	S19	34	185.954	0.188	27.7	0.2714	0.0000	OK
60 minute summer	S20	44	184.668	0.026	0.8	0.0295	0.0000	OK
60 minute summer	S21	33	184.508	0.099	7.6	0.1312	0.0000	OK
60 minute summer	S22	35	184.432	0.201	15.3	0.2605	0.0000	OK
60 minute summer	S23	35	184.413	0.215	22.1	0.2770	0.0000	OK
60 minute summer	S24	35	184.254	0.237	40.2	0.3118	0.0000	OK
60 minute summer	S25	35	184.173	0.203	46.6	0.2813	0.0000	OK
60 minute summer	S26	34	185.440	0.063	7.0	0.0931	0.0000	OK
60 minute summer	FC1	42	188.922	0.672	2.8	1.4806	0.0000	SURCHARGED
60 minute summer	FC2	42	188.816	0.665	2.8	1.4331	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S16	32.015	J38	53.1	1.152	0.167	0.1040	
60 minute summer	S17	23.001	J20	8.0	1.030	1.358	0.0544	
60 minute summer	S18	23.006	J24	18.0	0.540	0.562	0.0624	
60 minute summer	S19	23.010	J27	27.6	0.811	0.921	0.3146	
60 minute summer	S20	48.001	J41	0.8	0.519	0.138	0.0073	
60 minute summer	S21	48.004	J43	7.5	0.588	0.563	0.0667	
60 minute summer	S22	48.008	J46	15.1	0.430	0.482	0.0917	
60 minute summer	S23	48.011	J48	22.0	0.575	0.714	0.0435	
60 minute summer	S24	48.018	J56	40.2	0.688	0.752	0.2481	
60 minute summer	S25	48.021	BASIN 4	46.7	1.022	0.876	0.1755	
60 minute summer	S26	65.001	J54	6.9	0.960	0.666	0.0555	
60 minute summer	FC1	2.000	J1	1.5	0.555	0.249	0.0372	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	0.9	0.517	0.153	0.0213	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	44	188.874	0.674	3.8	2.2264	0.0000	SURCHARGED
60 minute summer	FC4	40	188.833	0.633	2.1	0.9317	0.0000	SURCHARGED
60 minute summer	FC5	42	188.662	0.662	2.8	1.4331	0.0000	SURCHARGED
60 minute summer	FC6	40	188.485	0.635	2.1	0.9300	0.0000	SURCHARGED
60 minute summer	FC7	40	188.385	0.635	2.1	0.9321	0.0000	SURCHARGED
60 minute summer	FC8	42	188.415	0.665	2.8	1.4266	0.0000	SURCHARGED
60 minute summer	FC9	40	188.105	0.635	2.1	0.9338	0.0000	SURCHARGED
60 minute summer	FC10	44	188.155	0.685	3.8	2.2223	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.8	0.543	0.131	0.0299	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.8	0.608	0.106	0.0113	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0065	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.8	0.678	0.091	0.0184	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.8	0.588	0.111	0.0098	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.8	0.724	0.085	0.0047	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	42	187.989	0.669	2.8	1.4305	0.0000	SURCHARGED
60 minute summer	FC12	42	187.900	0.670	2.8	1.4300	0.0000	SURCHARGED
60 minute summer	FC13	42	187.668	0.668	2.8	1.4307	0.0000	SURCHARGED
60 minute summer	FC14	52	187.070	0.170	2.8	2.1617	0.0000	SURCHARGED
60 minute summer	FC15	40	187.835	0.635	2.1	0.9261	0.0000	SURCHARGED
60 minute summer	FC16	40	187.535	0.635	2.1	0.9330	0.0000	SURCHARGED
60 minute summer	FC17	40	187.635	0.635	2.1	0.9277	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.8	0.520	0.137	0.0121	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	0.8	0.520	0.137	0.0212	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0106	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.4	0.425	0.066	0.0070	
60 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.8	1.101	0.046	0.0034	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.8	0.542	0.125	0.0111	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.8	0.859	0.065	0.0045	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	40	187.186	0.636	2.1	0.9338	0.0000	SURCHARGED
60 minute summer	FC19	42	187.069	0.669	2.8	1.4308	0.0000	SURCHARGED
60 minute summer	FC20	42	187.613	0.663	2.8	1.4230	0.0000	SURCHARGED
60 minute summer	FC21	42	186.965	0.665	2.8	1.4317	0.0000	SURCHARGED
60 minute summer	FC22	46	186.604	0.154	2.1	1.4875	0.0000	SURCHARGED
60 minute summer	FC23	40	186.935	0.635	2.1	0.9271	0.0000	SURCHARGED
60 minute summer	FC24	42	186.965	0.665	2.8	1.4231	0.0000	SURCHARGED
60 minute summer	FC25	42	187.214	0.664	2.8	1.4229	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.8	0.515	0.134	0.0107	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.8	0.518	0.137	0.0103	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.8	1.047	0.051	0.0034	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.8	0.519	0.137	0.0119	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	0.4	0.541	0.025	0.0197	
60 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.8	0.910	0.060	0.0129	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.8	0.945	0.059	0.0130	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.8	1.040	0.051	0.0037	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	46	186.599	0.149	2.1	1.4986	0.0000	SURCHARGED
60 minute summer	FC27	40	187.134	0.634	2.1	0.9256	0.0000	SURCHARGED
60 minute summer	FC28	42	187.163	0.663	2.8	1.4233	0.0000	SURCHARGED
60 minute summer	FC29	42	187.159	0.659	2.8	1.4248	0.0000	SURCHARGED
60 minute summer	FC30	42	187.413	0.663	2.8	1.4235	0.0000	SURCHARGED
60 minute summer	FC31	40	187.088	0.638	2.1	0.9634	0.0000	SURCHARGED
60 minute summer	FC32	40	187.085	0.635	2.1	0.9275	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.4	0.731	0.028	0.0024	
60 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.8	1.282	0.037	0.0110	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.8	1.045	0.051	0.0034	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.8	1.016	0.053	0.0038	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.8	0.975	0.056	0.0037	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	1.3	0.497	0.149	0.0333	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	0.8	0.375	0.063	0.0181	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	42	187.117	0.666	2.8	1.4225	0.0000	SURCHARGED
60 minute summer	FC34	42	187.117	0.667	2.8	1.4312	0.0000	SURCHARGED
60 minute summer	FC35	42	187.113	0.663	2.8	1.4235	0.0000	SURCHARGED
60 minute summer	FC36	42	187.106	0.656	2.8	1.4258	0.0000	SURCHARGED
60 minute summer	FC37	44	186.493	0.693	3.8	2.2158	0.0000	SURCHARGED
60 minute summer	FC38	47	185.579	0.129	2.1	1.5436	0.0000	SURCHARGED
60 minute summer	FC39	40	186.082	0.632	2.1	0.9273	0.0000	SURCHARGED
60 minute summer	FC40	42	186.120	0.620	2.8	1.4396	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	0.8	0.955	0.057	0.0179	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.8	0.532	0.131	0.0073	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.8	0.965	0.057	0.0043	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.8	1.011	0.053	0.0040	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.8	0.696	0.093	0.0078	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute summer	FC38	40.000	J34	0.3	0.686	0.028	0.0074	
60 minute summer	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.8	0.965	0.055	0.0036	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.179	0.041	0.0101	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	42	185.510	0.660	2.8	1.4265	0.0000	SURCHARGED
60 minute summer	FC42	42	185.260	0.660	2.8	1.4284	0.0000	SURCHARGED
60 minute summer	FC43	42	185.231	0.631	2.8	1.4347	0.0000	SURCHARGED
60 minute summer	FC44	33	184.632	0.032	2.1	0.0401	0.0000	OK
60 minute summer	FC45	40	185.234	0.634	2.1	0.9277	0.0000	SURCHARGED
60 minute summer	FC46	44	185.385	0.685	3.8	2.2241	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	42	185.464	0.664	2.8	1.4231	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.8	0.775	0.077	0.0053	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	0.8	0.675	0.094	0.0130	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.761	0.077	0.0052	
60 minute summer	FC43	Infiltration		0.0				0.0
60 minute summer	FC44	46.000	J40	2.1	1.013	0.197	0.0091	
60 minute summer	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
60 minute summer	FC46	Infiltration		0.0				0.0
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
60 minute summer	FC48	50.000	J42	0.8	0.680	0.058	0.0087	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	42	185.465	0.665	2.8	1.4322	0.0000	SURCHARGED
60 minute summer	FC50	42	185.466	0.666	2.8	1.4319	0.0000	SURCHARGED
60 minute summer	FC51	42	185.511	0.660	2.8	1.4330	0.0000	SURCHARGED
60 minute summer	FC52	42	185.902	0.652	2.8	1.4291	0.0000	SURCHARGED
60 minute summer	FC53	42	185.914	0.664	2.8	1.4271	0.0000	SURCHARGED
60 minute summer	FC54	40	185.884	0.634	2.1	0.9287	0.0000	SURCHARGED
60 minute summer	FC55	40	185.883	0.633	2.1	0.9271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.8	0.515	0.136	0.0068	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0073	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.8	0.518	0.136	0.0096	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.8	0.709	0.087	0.0049	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.8	0.781	0.074	0.0040	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.8	0.988	0.053	0.0033	
60 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	40	185.980	0.630	2.1	0.9275	0.0000	SURCHARGED
60 minute summer	FC57	40	185.981	0.630	2.1	0.9276	0.0000	SURCHARGED
60 minute summer	FC58	40	185.984	0.634	2.1	0.9274	0.0000	SURCHARGED
60 minute summer	FC59	40	185.985	0.635	2.1	0.9278	0.0000	SURCHARGED
60 minute summer	FC60	42	186.015	0.665	2.8	1.4245	0.0000	SURCHARGED
60 minute summer	FC61	42	185.965	0.665	2.8	1.4270	0.0000	SURCHARGED
60 minute summer	FC62	44	185.930	0.680	3.8	2.2217	0.0000	SURCHARGED
60 minute summer	FC63	40	186.035	0.635	2.1	0.9378	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.8	0.957	0.056	0.0054	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.8	0.920	0.059	0.0054	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.8	0.853	0.066	0.0060	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.8	0.849	0.069	0.0063	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.8	0.681	0.094	0.0088	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	0.9	0.519	0.151	0.0098	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	40	185.789	0.639	2.1	0.9745	0.0000	SURCHARGED
60 minute summer	FC65	42	185.818	0.668	2.8	1.4328	0.0000	SURCHARGED
60 minute summer	FC66	42	185.667	0.667	2.8	1.4294	0.0000	SURCHARGED
60 minute summer	FC67	46	184.947	0.147	2.1	1.5132	0.0000	SURCHARGED
60 minute summer	FC68	40	185.185	0.634	2.1	0.9304	0.0000	SURCHARGED
60 minute summer	J1	34	188.437	0.237	11.5	0.3487	0.0000	SURCHARGED
60 minute summer	J2	35	188.187	0.131	12.1	0.1477	0.0000	OK
60 minute summer	J3	35	188.160	0.110	12.9	0.1245	0.0000	OK
60 minute summer	J4	35	188.117	0.078	13.7	0.0884	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	1.1	0.325	0.194	0.0172	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	1.2	0.450	0.122	0.0138	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.4	0.403	0.062	0.0019	
60 minute summer	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
60 minute summer	FC68	Infiltration		0.0				0.0
60 minute summer	J1	1.001	J2	11.3	1.445	1.363	0.0389	
60 minute summer	J2	1.002	J3	12.1	0.799	0.901	0.0157	
60 minute summer	J3	1.003	J4	12.9	1.109	0.971	0.0225	
60 minute summer	J4	1.004	J5	13.7	1.600	0.401	0.0302	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J5	35	187.978	0.068	14.5	0.0774	0.0000	OK
60 minute summer	J6	35	187.750	0.100	15.2	0.1127	0.0000	OK
60 minute summer	J7	36	187.634	0.109	16.0	0.1235	0.0000	OK
60 minute summer	J8	36	187.589	0.068	16.2	0.0770	0.0000	OK
60 minute summer	J9	36	187.388	0.113	17.6	0.1278	0.0000	OK
60 minute summer	J10	36	187.340	0.070	18.2	0.0787	0.0000	OK
60 minute summer	J11	35	187.227	0.106	19.2	0.1202	0.0000	OK
60 minute summer	J12	34	186.937	0.128	32.3	0.1452	0.0000	OK
60 minute summer	J13	34	186.820	0.193	32.6	0.2186	0.0000	OK
60 minute summer	J14	34	186.800	0.178	33.3	0.2014	0.0000	OK
60 minute summer	J15	34	186.772	0.155	34.0	0.1757	0.0000	OK
60 minute summer	J16	35	186.728	0.123	34.7	0.1388	0.0000	OK
60 minute summer	J17	34	186.384	0.101	35.5	0.1147	0.0000	OK
60 minute summer	J18	34	186.260	0.135	42.3	0.1524	0.0000	OK
60 minute summer	J19	34	186.221	0.194	43.0	0.2189	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J5	1.005	J6	14.5	1.425	0.378	0.0575	
60 minute summer	J6	1.006	J7	15.2	1.401	0.535	0.0213	
60 minute summer	J7	1.007	J8	15.4	1.059	0.500	0.0165	
60 minute summer	J8	1.008	J9	16.8	1.127	0.189	0.1272	
60 minute summer	J9	1.009	J10	17.3	1.149	0.520	0.0182	
60 minute summer	J10	1.010	J11	18.4	1.329	0.143	0.0352	
60 minute summer	J11	1.011	S2	19.3	0.770	0.300	0.1414	
60 minute summer	J12	1.013	J13	32.3	1.470	0.482	0.1440	
60 minute summer	J13	1.014	J14	32.6	0.711	0.575	0.0868	
60 minute summer	J14	1.015	J15	33.3	0.828	0.591	0.0770	
60 minute summer	J15	1.016	J16	34.0	1.065	0.638	0.1638	
60 minute summer	J16	1.017	J17	34.8	1.461	0.244	0.0801	
60 minute summer	J17	1.018	S3	35.6	1.147	0.114	0.0593	
60 minute summer	J18	1.020	J19	42.2	1.071	0.147	0.0586	
60 minute summer	J19	1.021	S4	42.9	0.994	0.779	0.1897	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J20	34	186.140	0.109	8.8	0.1232	0.0000	OK
60 minute summer	J21	35	186.117	0.108	9.6	0.1226	0.0000	OK
60 minute summer	J22	35	186.083	0.120	10.3	0.1356	0.0000	OK
60 minute summer	J23	35	186.055	0.113	10.6	0.1281	0.0000	OK
60 minute summer	J24	34	185.996	0.179	18.7	0.2022	0.0000	OK
60 minute summer	J25	34	185.981	0.185	19.4	0.2097	0.0000	OK
60 minute summer	J26	34	185.968	0.189	20.2	0.2135	0.0000	OK
60 minute summer	J27	97	185.940	0.203	28.4	0.2301	0.0000	OK
60 minute summer	J28	36	186.601	0.245	7.0	0.2775	0.0000	SURCHARGED
60 minute summer	J29	35	186.460	0.189	7.6	0.2134	0.0000	SURCHARGED
60 minute summer	J30	34	186.305	0.158	15.8	0.1786	0.0000	SURCHARGED
60 minute summer	J31	34	186.171	0.127	16.5	0.1440	0.0000	OK
60 minute summer	J32	34	186.125	0.114	17.4	0.1291	0.0000	OK
60 minute summer	J33	34	185.611	0.076	25.4	0.0860	0.0000	OK
60 minute summer	J34	34	185.288	0.163	34.0	0.1843	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J20	23.002	J21	8.8	0.648	0.650	0.0516	
60 minute summer	J21	23.003	J22	9.5	0.668	0.710	0.1151	
60 minute summer	J22	23.004	J23	10.3	0.705	0.763	0.0528	
60 minute summer	J23	23.005	S18	10.7	0.817	0.797	0.1032	
60 minute summer	J24	23.007	J25	18.6	0.541	0.619	0.2128	
60 minute summer	J25	23.008	J26	19.4	0.553	0.643	0.1752	
60 minute summer	J26	23.009	S19	20.3	0.581	0.665	0.1317	
60 minute summer	J27	23.011	S4	28.3	0.964	0.949	0.0915	
60 minute summer	J28	32.001	J29	6.8	0.874	1.155	0.0691	
60 minute summer	J29	32.002	S12	7.9	1.005	1.324	0.0364	
60 minute summer	J30	32.004	J31	15.8	0.934	1.188	0.0803	
60 minute summer	J31	32.005	J32	16.6	0.764	0.551	0.2113	
60 minute summer	J32	32.006	S13	17.4	1.068	0.578	0.0882	
60 minute summer	J33	32.008	S14	25.4	1.176	0.244	0.1990	
60 minute summer	J34	32.010	J35	34.1	1.322	0.883	0.2312	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J35	34	185.190	0.115	34.8	0.1303	0.0000	OK
60 minute summer	J36	34	185.044	0.169	35.6	0.1916	0.0000	OK
60 minute summer	J37	34	184.672	0.172	44.7	0.1943	0.0000	OK
60 minute summer	J38	34	184.552	0.252	53.9	0.2849	0.0000	OK
60 minute summer	J39	34	184.497	0.223	54.7	0.2527	0.0000	OK
60 minute summer	J40	34	184.448	0.183	56.8	0.2064	0.0000	OK
60 minute summer	J41	45	184.622	0.025	0.8	0.0284	0.0000	OK
60 minute summer	J42	44	184.574	0.037	1.6	0.0422	0.0000	OK
60 minute summer	J43	34	184.490	0.110	8.3	0.1245	0.0000	OK
60 minute summer	J44	34	184.475	0.105	8.9	0.1185	0.0000	OK
60 minute summer	J45	35	184.448	0.128	9.6	0.1450	0.0000	OK
60 minute summer	J46	35	184.427	0.205	15.9	0.2314	0.0000	OK
60 minute summer	J47	35	184.420	0.213	16.5	0.2404	0.0000	OK
60 minute summer	J48	35	184.403	0.209	22.8	0.2360	0.0000	OK
60 minute summer	J49	35	184.383	0.214	23.4	0.2418	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J35	32.011	J36	34.8	1.316	0.391	0.1804	
60 minute summer	J36	32.012	S15	35.6	1.302	1.187	0.0647	
60 minute summer	J37	32.014	S16	44.8	1.308	0.811	0.1780	
60 minute summer	J38	32.016	J39	53.9	0.901	0.998	0.6459	
60 minute summer	J39	32.017	J40	54.7	1.079	1.001	0.1848	
60 minute summer	J40	32.018	S10	56.8	1.365	0.570	0.3978	
60 minute summer	J41	48.002	J42	0.8	0.443	0.138	0.0130	
60 minute summer	J42	48.003	S21	1.6	0.629	0.277	0.0257	
60 minute summer	J43	48.005	J44	8.2	0.633	0.589	0.0217	
60 minute summer	J44	48.006	J45	8.9	0.669	0.665	0.1279	
60 minute summer	J45	48.007	S22	9.6	0.729	0.705	0.0379	
60 minute summer	J46	48.009	J47	15.7	0.417	0.511	0.1619	
60 minute summer	J47	48.010	S23	16.5	0.423	0.547	0.1029	
60 minute summer	J48	48.012	J49	22.6	0.589	0.757	0.2885	
60 minute summer	J49	48.013	J50	23.4	0.610	0.763	0.0437	

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J50	35	184.371	0.206	24.2	0.2325	0.0000	OK
60 minute summer	J51	35	184.351	0.203	25.0	0.2291	0.0000	OK
60 minute summer	J52	35	184.334	0.190	25.7	0.2150	0.0000	OK
60 minute summer	J53	35	184.306	0.179	26.5	0.2022	0.0000	OK
60 minute summer	J54	35	185.281	0.152	7.2	0.1717	0.0000	SURCHARGED
60 minute summer	J55	36	185.207	0.113	7.9	0.1278	0.0000	SURCHARGED
60 minute summer	J56	35	184.234	0.227	40.6	0.2567	0.0000	OK
60 minute summer	J57	35	184.205	0.220	41.3	0.2484	0.0000	OK
60 minute summer	BASIN 1	97	185.939	1.014	79.7	123.5679	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.817	0.517	4.7	51.8554	0.0000	OK
60 minute summer	BASIN 3	300	182.914	-0.186	76.8	115.5153	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J50	48.014	J51	24.2	0.639	0.809	0.1921	
60 minute summer	J51	48.015	J52	24.9	0.678	0.813	0.0417	
60 minute summer	J52	48.016	J53	25.7	0.738	0.843	0.1697	
60 minute summer	J53	48.017	S24	26.5	0.872	0.878	0.3306	
60 minute summer	J54	65.002	J55	7.0	0.898	1.188	0.0285	
60 minute summer	J55	65.003	S24	7.7	1.049	1.009	0.0594	
60 minute summer	J56	48.019	J57	40.5	0.721	0.747	0.5108	
60 minute summer	J57	48.020	S25	41.3	0.783	0.757	0.3245	
60 minute summer	BASIN 1	1.023	S5	3.5	0.335	0.042	0.9418	
60 minute summer	BASIN 1	Infiltration		0.1				1.8
60 minute summer	BASIN 2	1.027	S7	0.3	0.240	0.004	0.0313	
60 minute summer	BASIN 2	71.000	BH1	2.6	0.750	0.435	0.1829	
60 minute summer	BASIN 2	Infiltration		0.0				0.0
60 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	BASIN 4	150	183.678	0.348	55.6	101.6788	0.0000	SURCHARGED
60 minute summer	SWALE 1	98	184.927	0.053	3.5	0.0756	0.0000	OK
60 minute summer	SWALE 2	300	184.389	0.014	0.3	0.0196	0.0000	OK
60 minute summer	SWALE 3	34	184.195	0.200	65.7	0.2856	0.0000	OK
60 minute summer	BH1	300	184.817	0.740	2.6	2.9473	0.0000	OK
60 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute summer	BH3	148	183.679	0.359	6.9	3.2833	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	BASIN 4	48.022	BH3	6.9	0.789	0.128	0.3211	
60 minute summer	BASIN 4	Infiltration		0.0				0.0
60 minute summer	SWALE 1	1.025	S6	3.5	0.380	0.042	0.3444	
60 minute summer	SWALE 2	1.029	S8	0.1	0.144	0.001	0.0172	
60 minute summer	SWALE 3	1.033	BASIN 3	65.4	1.148	0.523	2.4645	
60 minute summer	BH1	Infiltration		0.1				1.5
60 minute summer	BH2	Infiltration		0.0				0.0
60 minute summer	BH3	Infiltration		0.2				3.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	33	188.420	0.050	4.3	0.0730	0.0000	OK
60 minute winter	S2	34	187.203	0.164	26.4	0.2831	0.0000	OK
60 minute winter	S3	35	186.293	0.156	35.0	0.2071	0.0000	OK
60 minute winter	S4	96	185.941	0.563	63.3	0.7221	0.0000	SURCHARGED
60 minute winter	S5	96	185.941	1.031	3.5	1.4755	0.0000	SURCHARGED
60 minute winter	S6	98	184.859	0.051	3.5	0.0724	0.0000	OK
60 minute winter	S7	300	184.768	0.009	0.3	0.0129	0.0000	OK
60 minute winter	S8	300	184.333	0.003	0.1	0.0036	0.0000	OK
60 minute winter	S9	34	184.247	0.122	0.5	0.1751	0.0000	OK
60 minute winter	S10	34	184.247	0.134	52.3	0.2445	0.0000	OK
60 minute winter	S11	35	186.540	0.140	5.6	0.2206	0.0000	SURCHARGED
60 minute winter	S12	35	186.318	0.142	12.6	0.2102	0.0000	OK
60 minute winter	S13	34	186.067	0.074	20.4	0.1106	0.0000	OK
60 minute winter	S14	34	185.320	0.145	27.4	0.2280	0.0000	OK
60 minute winter	S15	34	184.975	0.108	35.4	0.1700	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S1	1.000	J1	4.3	0.662	0.492	0.0480	
60 minute winter	S2	1.012	J12	26.4	0.941	0.883	0.0418	
60 minute winter	S3	1.019	J18	35.0	1.106	0.657	0.1626	
60 minute winter	S4	1.022	BASIN 1	63.3	1.517	0.378	1.1778	
60 minute winter	S5	1.024	SWALE 1	3.5	0.369	0.042	0.1909	
60 minute winter	S6	1.026	BASIN 2	3.5	0.456	0.040	0.0438	
60 minute winter	S7	1.028	SWALE 2	0.3	0.369	0.001	0.0161	
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1874	
60 minute winter	S9	1.031	S10	-0.5	-0.137	-0.005	0.2227	
60 minute winter	S10	1.032	SWALE 3	52.3	1.228	0.158	0.1863	
60 minute winter	S11	32.000	J28	5.3	0.721	0.890	0.0355	
60 minute winter	S12	32.003	J30	12.6	0.744	0.941	0.0857	
60 minute winter	S13	32.007	J33	20.4	1.890	0.208	0.1402	
60 minute winter	S14	32.009	J34	27.4	1.025	0.539	0.1400	
60 minute winter	S15	32.013	J37	35.4	2.021	0.383	0.1635	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	34	184.594	0.107	42.4	0.1630	0.0000	OK
60 minute winter	S17	34	186.247	0.097	6.1	0.1548	0.0000	OK
60 minute winter	S18	34	185.974	0.150	14.3	0.2216	0.0000	OK
60 minute winter	S19	96	185.941	0.175	22.1	0.2526	0.0000	OK
60 minute winter	S20	47	184.668	0.026	0.8	0.0295	0.0000	OK
60 minute winter	S21	33	184.494	0.085	6.2	0.1126	0.0000	OK
60 minute winter	S22	35	184.400	0.169	12.7	0.2187	0.0000	OK
60 minute winter	S23	35	184.383	0.185	18.5	0.2379	0.0000	OK
60 minute winter	S24	36	184.231	0.214	34.6	0.2808	0.0000	OK
60 minute winter	S25	35	184.156	0.186	39.8	0.2567	0.0000	OK
60 minute winter	S26	34	185.427	0.050	5.2	0.0742	0.0000	OK
60 minute winter	FC1	44	188.911	0.661	2.0	1.3477	0.0000	SURCHARGED
60 minute winter	FC2	44	188.808	0.658	2.0	1.3241	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S16	32.015	J38	42.4	1.101	0.133	0.0883	
60 minute winter	S17	23.001	J20	6.0	0.827	1.018	0.0517	
60 minute winter	S18	23.006	J24	14.2	0.519	0.446	0.0510	
60 minute winter	S19	23.010	J27	22.1	0.754	0.738	0.3171	
60 minute winter	S20	48.001	J41	0.8	0.519	0.138	0.0073	
60 minute winter	S21	48.004	J43	6.1	0.560	0.460	0.0561	
60 minute winter	S22	48.008	J46	12.7	0.415	0.404	0.0786	
60 minute winter	S23	48.011	J48	18.5	0.543	0.599	0.0386	
60 minute winter	S24	48.018	J56	34.6	0.660	0.647	0.2225	
60 minute winter	S25	48.021	BASIN 4	39.8	0.969	0.747	0.1580	
60 minute winter	S26	65.001	J54	5.2	0.897	0.502	0.0495	
60 minute winter	FC1	2.000	J1	1.1	0.551	0.175	0.0372	
60 minute winter	FC1	Infiltration		0.0				0.0
60 minute winter	FC2	3.000	J2	0.8	0.516	0.135	0.0154	
60 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC3	47	188.872	0.672	2.8	2.1731	0.0000	SURCHARGED
60 minute winter	FC4	42	188.827	0.627	1.5	0.8563	0.0000	SURCHARGED
60 minute winter	FC5	44	188.655	0.655	2.0	1.3260	0.0000	SURCHARGED
60 minute winter	FC6	42	188.477	0.627	1.5	0.8544	0.0000	SURCHARGED
60 minute winter	FC7	42	188.377	0.627	1.5	0.8567	0.0000	SURCHARGED
60 minute winter	FC8	44	188.407	0.657	2.0	1.3193	0.0000	SURCHARGED
60 minute winter	FC9	42	188.098	0.628	1.5	0.8586	0.0000	SURCHARGED
60 minute winter	FC10	47	188.153	0.683	2.8	2.1681	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC3	4.000	J3	0.8	0.543	0.130	0.0242	
60 minute winter	FC3	Infiltration		0.0				0.0
60 minute winter	FC4	5.000	J4	0.8	0.607	0.106	0.0095	
60 minute winter	FC4	Infiltration		0.0				0.0
60 minute winter	FC5	6.000	J5	0.8	0.513	0.135	0.0065	
60 minute winter	FC5	Infiltration		0.0				0.0
60 minute winter	FC6	7.000	J6	0.8	0.677	0.091	0.0145	
60 minute winter	FC6	Infiltration		0.0				0.0
60 minute winter	FC7	8.000	J7	0.8	0.587	0.111	0.0097	
60 minute winter	FC7	Infiltration		0.0				0.0
60 minute winter	FC8	9.000	J8	0.8	0.723	0.084	0.0047	
60 minute winter	FC8	Infiltration		0.0				0.0
60 minute winter	FC9	10.000	J9	0.8	0.517	0.132	0.0110	
60 minute winter	FC9	Infiltration		0.0				0.0
60 minute winter	FC10	11.000	J10	0.8	0.564	0.124	0.0091	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC11	44	187.981	0.661	2.0	1.3237	0.0000	SURCHARGED
60 minute winter	FC12	44	187.891	0.661	2.0	1.3233	0.0000	SURCHARGED
60 minute winter	FC13	44	187.660	0.660	2.0	1.3239	0.0000	SURCHARGED
60 minute winter	FC14	56	187.068	0.168	2.0	2.1410	0.0000	SURCHARGED
60 minute winter	FC15	42	187.827	0.627	1.5	0.8502	0.0000	SURCHARGED
60 minute winter	FC16	42	187.528	0.628	1.5	0.8579	0.0000	SURCHARGED
60 minute winter	FC17	42	187.627	0.627	1.5	0.8521	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC10	Infiltration		0.0				0.0
60 minute winter	FC11	12.000	J11	0.8	0.519	0.137	0.0120	
60 minute winter	FC11	Infiltration		0.0				0.0
60 minute winter	FC12	13.000	S2	0.8	0.519	0.136	0.0148	
60 minute winter	FC12	Infiltration		0.0				0.0
60 minute winter	FC13	14.000	J12	0.8	0.520	0.136	0.0106	
60 minute winter	FC13	Infiltration		0.0				0.0
60 minute winter	FC14	15.000	J13	0.4	0.424	0.066	0.0070	
60 minute winter	FC14	Infiltration		0.0				0.0
60 minute winter	FC15	16.000	J14	0.8	1.099	0.046	0.0034	
60 minute winter	FC15	Infiltration		0.0				0.0
60 minute winter	FC16	17.000	J15	0.8	0.541	0.124	0.0110	
60 minute winter	FC16	Infiltration		0.0				0.0
60 minute winter	FC17	18.000	J16	0.8	0.858	0.064	0.0044	
60 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC18	42	187.178	0.628	1.5	0.8586	0.0000	SURCHARGED
60 minute winter	FC19	44	187.060	0.660	2.0	1.3240	0.0000	SURCHARGED
60 minute winter	FC20	44	187.606	0.656	2.0	1.3150	0.0000	SURCHARGED
60 minute winter	FC21	44	186.957	0.657	2.0	1.3249	0.0000	SURCHARGED
60 minute winter	FC22	48	186.604	0.154	1.5	1.4899	0.0000	SURCHARGED
60 minute winter	FC23	42	186.927	0.627	1.5	0.8514	0.0000	SURCHARGED
60 minute winter	FC24	44	186.957	0.657	2.0	1.3151	0.0000	SURCHARGED
60 minute winter	FC25	44	187.206	0.656	2.0	1.3150	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC18	19.000	J17	0.8	0.514	0.133	0.0107	
60 minute winter	FC18	Infiltration		0.0				0.0
60 minute winter	FC19	20.000	S3	0.8	0.517	0.137	0.0103	
60 minute winter	FC19	Infiltration		0.0				0.0
60 minute winter	FC20	21.000	J18	0.8	1.046	0.050	0.0033	
60 minute winter	FC20	Infiltration		0.0				0.0
60 minute winter	FC21	22.000	J19	0.8	0.518	0.136	0.0119	
60 minute winter	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.4	0.544	0.025	0.0195	
60 minute winter	FC22	Infiltration		0.0				0.0
60 minute winter	FC23	24.000	J20	0.8	0.909	0.059	0.0084	
60 minute winter	FC23	Infiltration		0.0				0.0
60 minute winter	FC24	25.000	J21	0.8	0.943	0.058	0.0087	
60 minute winter	FC24	Infiltration		0.0				0.0
60 minute winter	FC25	26.000	J22	0.8	1.038	0.051	0.0037	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	48	186.599	0.149	1.5	1.5019	0.0000	SURCHARGED
60 minute winter	FC27	42	187.127	0.627	1.5	0.8494	0.0000	SURCHARGED
60 minute winter	FC28	44	187.155	0.655	2.0	1.3152	0.0000	SURCHARGED
60 minute winter	FC29	44	187.152	0.652	2.0	1.3163	0.0000	SURCHARGED
60 minute winter	FC30	44	187.406	0.656	2.0	1.3155	0.0000	SURCHARGED
60 minute winter	FC31	42	187.078	0.627	1.5	0.8587	0.0000	SURCHARGED
60 minute winter	FC32	42	187.077	0.627	1.5	0.8517	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.4	0.732	0.028	0.0024	
60 minute winter	FC26	Infiltration		0.0				0.0
60 minute winter	FC27	28.000	J24	0.8	1.280	0.037	0.0043	
60 minute winter	FC27	Infiltration		0.0				0.0
60 minute winter	FC28	29.000	J25	0.8	1.043	0.050	0.0034	
60 minute winter	FC28	Infiltration		0.0				0.0
60 minute winter	FC29	30.000	J26	0.8	1.014	0.052	0.0038	
60 minute winter	FC29	Infiltration		0.0				0.0
60 minute winter	FC30	31.000	J27	0.8	0.973	0.056	0.0037	
60 minute winter	FC30	Infiltration		0.0				0.0
60 minute winter	FC31	33.000	J28	1.0	0.501	0.107	0.0240	
60 minute winter	FC31	Infiltration		0.0				0.0
60 minute winter	FC32	34.000	J29	0.8	0.384	0.062	0.0181	
60 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC33	44	187.108	0.658	2.0	1.3145	0.0000	SURCHARGED
60 minute winter	FC34	44	187.109	0.659	2.0	1.3239	0.0000	SURCHARGED
60 minute winter	FC35	44	187.106	0.656	2.0	1.3156	0.0000	SURCHARGED
60 minute winter	FC36	44	187.100	0.650	2.0	1.3170	0.0000	SURCHARGED
60 minute winter	FC37	47	186.490	0.690	2.8	2.1600	0.0000	SURCHARGED
60 minute winter	FC38	49	185.579	0.129	1.5	1.5506	0.0000	SURCHARGED
60 minute winter	FC39	42	186.076	0.626	1.5	0.8513	0.0000	SURCHARGED
60 minute winter	FC40	44	186.112	0.612	2.0	1.3352	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC33	35.000	S12	0.8	0.954	0.057	0.0173	
60 minute winter	FC33	Infiltration		0.0				0.0
60 minute winter	FC34	36.000	J30	0.8	0.531	0.130	0.0072	
60 minute winter	FC34	Infiltration		0.0				0.0
60 minute winter	FC35	37.000	J31	0.8	0.963	0.057	0.0043	
60 minute winter	FC35	Infiltration		0.0				0.0
60 minute winter	FC36	38.000	J32	0.8	1.009	0.053	0.0040	
60 minute winter	FC36	Infiltration		0.0				0.0
60 minute winter	FC37	39.000	J33	0.8	0.695	0.093	0.0078	
60 minute winter	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.3	0.687	0.028	0.0031	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute winter	FC39	41.000	J35	0.8	0.964	0.055	0.0036	
60 minute winter	FC39	Infiltration		0.0				0.0
60 minute winter	FC40	42.000	J36	0.8	1.177	0.041	0.0053	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC41	44	185.503	0.653	2.0	1.3193	0.0000	SURCHARGED
60 minute winter	FC42	44	185.253	0.653	2.0	1.3214	0.0000	SURCHARGED
60 minute winter	FC43	44	185.229	0.629	2.0	1.3268	0.0000	SURCHARGED
60 minute winter	FC44	34	184.627	0.027	1.5	0.0334	0.0000	OK
60 minute winter	FC45	42	185.227	0.627	1.5	0.8518	0.0000	SURCHARGED
60 minute winter	FC46	47	185.383	0.682	2.8	2.1694	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	44	185.456	0.656	2.0	1.3151	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC40	Infiltration		0.0				0.0
60 minute winter	FC41	43.000	J37	0.8	0.774	0.077	0.0052	
60 minute winter	FC41	Infiltration		0.0				0.0
60 minute winter	FC42	44.000	J38	0.8	0.674	0.093	0.0059	
60 minute winter	FC42	Infiltration		0.0				0.0
60 minute winter	FC43	45.000	J39	0.8	0.760	0.076	0.0045	
60 minute winter	FC43	Infiltration		0.0				0.0
60 minute winter	FC44	46.000	J40	1.5	0.926	0.141	0.0071	
60 minute winter	FC44	Infiltration		0.0				0.0
60 minute winter	FC45	47.000	S10	0.8	0.897	0.060	0.0041	
60 minute winter	FC45	Infiltration		0.0				0.0
60 minute winter	FC46	48.000	S20	0.8	0.508	0.138	0.0097	
60 minute winter	FC46	Infiltration		0.0				0.0
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
60 minute winter	FC48	50.000	J42	0.8	0.683	0.058	0.0087	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC49	44	185.457	0.657	2.0	1.3253	0.0000	SURCHARGED
60 minute winter	FC50	44	185.458	0.658	2.0	1.3251	0.0000	SURCHARGED
60 minute winter	FC51	44	185.504	0.654	2.0	1.3261	0.0000	SURCHARGED
60 minute winter	FC52	44	185.897	0.647	2.0	1.3216	0.0000	SURCHARGED
60 minute winter	FC53	44	185.906	0.656	2.0	1.3196	0.0000	SURCHARGED
60 minute winter	FC54	42	185.877	0.627	1.5	0.8531	0.0000	SURCHARGED
60 minute winter	FC55	42	185.877	0.626	1.5	0.8511	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC48	Infiltration		0.0				0.0
60 minute winter	FC49	51.000	S21	0.8	0.514	0.136	0.0068	
60 minute winter	FC49	Infiltration		0.0				0.0
60 minute winter	FC50	52.000	J43	0.8	0.515	0.136	0.0073	
60 minute winter	FC50	Infiltration		0.0				0.0
60 minute winter	FC51	55.000	S22	0.8	0.517	0.135	0.0095	
60 minute winter	FC51	Infiltration		0.0				0.0
60 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
60 minute winter	FC52	Infiltration		0.0				0.0
60 minute winter	FC53	61.000	J50	0.8	0.708	0.087	0.0049	
60 minute winter	FC53	Infiltration		0.0				0.0
60 minute winter	FC54	62.000	J51	0.8	0.780	0.073	0.0040	
60 minute winter	FC54	Infiltration		0.0				0.0
60 minute winter	FC55	64.000	J53	0.8	0.986	0.053	0.0033	
60 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC56	42	185.975	0.625	1.5	0.8510	0.0000	SURCHARGED
60 minute winter	FC57	42	185.975	0.625	1.5	0.8515	0.0000	SURCHARGED
60 minute winter	FC58	42	185.977	0.627	1.5	0.8516	0.0000	SURCHARGED
60 minute winter	FC59	42	185.977	0.627	1.5	0.8522	0.0000	SURCHARGED
60 minute winter	FC60	44	186.007	0.657	2.0	1.3167	0.0000	SURCHARGED
60 minute winter	FC61	44	185.957	0.657	2.0	1.3199	0.0000	SURCHARGED
60 minute winter	FC62	47	185.928	0.678	2.8	2.1669	0.0000	SURCHARGED
60 minute winter	FC63	42	186.028	0.628	1.5	0.8596	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC56	53.000	J44	0.8	1.019	0.051	0.0051	
60 minute winter	FC56	Infiltration		0.0				0.0
60 minute winter	FC57	54.000	J45	0.8	0.955	0.056	0.0054	
60 minute winter	FC57	Infiltration		0.0				0.0
60 minute winter	FC58	56.000	J46	0.8	0.918	0.059	0.0053	
60 minute winter	FC58	Infiltration		0.0				0.0
60 minute winter	FC59	57.000	J47	0.8	0.851	0.066	0.0059	
60 minute winter	FC59	Infiltration		0.0				0.0
60 minute winter	FC60	59.000	J48	0.8	0.848	0.068	0.0063	
60 minute winter	FC60	Infiltration		0.0				0.0
60 minute winter	FC61	60.000	J49	0.8	0.680	0.093	0.0088	
60 minute winter	FC61	Infiltration		0.0				0.0
60 minute winter	FC62	63.000	J52	0.8	0.629	0.107	0.0122	
60 minute winter	FC62	Infiltration		0.0				0.0
60 minute winter	FC63	65.000	S26	0.8	0.526	0.133	0.0068	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC64	42	185.780	0.630	1.5	0.8881	0.0000	SURCHARGED
60 minute winter	FC65	44	185.809	0.659	2.0	1.3179	0.0000	SURCHARGED
60 minute winter	FC66	44	185.659	0.659	2.0	1.3228	0.0000	SURCHARGED
60 minute winter	FC67	48	184.948	0.148	1.5	1.5183	0.0000	SURCHARGED
60 minute winter	FC68	42	185.177	0.627	1.5	0.8550	0.0000	SURCHARGED
60 minute winter	J1	34	188.353	0.153	9.2	0.2253	0.0000	SURCHARGED
60 minute winter	J2	35	188.170	0.114	9.9	0.1289	0.0000	OK
60 minute winter	J3	35	188.148	0.098	10.7	0.1107	0.0000	OK
60 minute winter	J4	35	188.109	0.070	11.4	0.0788	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC63	Infiltration		0.0				0.0
60 minute winter	FC64	66.000	J54	0.8	0.328	0.142	0.0154	
60 minute winter	FC64	Infiltration		0.0				0.0
60 minute winter	FC65	67.000	J55	0.9	0.444	0.095	0.0087	
60 minute winter	FC65	Infiltration		0.0				0.0
60 minute winter	FC66	68.000	S24	0.8	0.577	0.112	0.0030	
60 minute winter	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.4	0.404	0.062	0.0019	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute winter	FC68	70.000	J57	0.8	0.673	0.088	0.0027	
60 minute winter	FC68	Infiltration		0.0				0.0
60 minute winter	J1	1.001	J2	9.1	1.164	1.098	0.0387	
60 minute winter	J2	1.002	J3	9.9	0.744	0.735	0.0138	
60 minute winter	J3	1.003	J4	10.7	1.057	0.804	0.0197	
60 minute winter	J4	1.004	J5	11.4	1.546	0.335	0.0261	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J5	35	187.971	0.061	12.2	0.0694	0.0000	OK
60 minute winter	J6	35	187.739	0.089	12.9	0.1010	0.0000	OK
60 minute winter	J7	36	187.625	0.100	13.7	0.1133	0.0000	OK
60 minute winter	J8	36	187.583	0.062	13.9	0.0704	0.0000	OK
60 minute winter	J9	36	187.379	0.104	15.2	0.1176	0.0000	OK
60 minute winter	J10	36	187.333	0.063	16.2	0.0716	0.0000	OK
60 minute winter	J11	36	187.215	0.093	16.8	0.1057	0.0000	OK
60 minute winter	J12	34	186.923	0.114	27.1	0.1291	0.0000	OK
60 minute winter	J13	35	186.802	0.175	27.5	0.1983	0.0000	OK
60 minute winter	J14	35	186.784	0.162	28.2	0.1835	0.0000	OK
60 minute winter	J15	35	186.759	0.142	28.9	0.1607	0.0000	OK
60 minute winter	J16	35	186.717	0.112	29.7	0.1266	0.0000	OK
60 minute winter	J17	35	186.373	0.090	30.4	0.1012	0.0000	OK
60 minute winter	J18	35	186.245	0.120	35.8	0.1361	0.0000	OK
60 minute winter	J19	35	186.204	0.177	36.6	0.1998	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J5	1.005	J6	12.2	1.379	0.319	0.0502	
60 minute winter	J6	1.006	J7	12.9	1.352	0.455	0.0188	
60 minute winter	J7	1.007	J8	13.1	1.015	0.426	0.0147	
60 minute winter	J8	1.008	J9	14.5	1.089	0.163	0.1136	
60 minute winter	J9	1.009	J10	15.4	1.147	0.461	0.0163	
60 minute winter	J10	1.010	J11	16.0	1.321	0.124	0.0302	
60 minute winter	J11	1.011	S2	16.8	0.743	0.262	0.1246	
60 minute winter	J12	1.013	J13	27.1	1.461	0.405	0.1207	
60 minute winter	J13	1.014	J14	27.5	0.673	0.485	0.0774	
60 minute winter	J14	1.015	J15	28.2	0.787	0.501	0.0687	
60 minute winter	J15	1.016	J16	28.9	1.020	0.543	0.1456	
60 minute winter	J16	1.017	J17	29.7	1.405	0.208	0.0711	
60 minute winter	J17	1.018	S3	30.4	1.129	0.098	0.0515	
60 minute winter	J18	1.020	J19	35.8	1.030	0.125	0.0518	
60 minute winter	J19	1.021	S4	36.6	0.943	0.664	0.1705	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J20	34	186.120	0.089	6.7	0.1011	0.0000	OK
60 minute winter	J21	35	186.099	0.090	7.5	0.1017	0.0000	OK
60 minute winter	J22	35	186.063	0.100	8.3	0.1136	0.0000	OK
60 minute winter	J23	35	186.037	0.095	8.6	0.1072	0.0000	OK
60 minute winter	J24	35	185.965	0.148	15.0	0.1671	0.0000	OK
60 minute winter	J25	35	185.952	0.156	15.7	0.1759	0.0000	OK
60 minute winter	J26	96	185.941	0.162	16.5	0.1836	0.0000	OK
60 minute winter	J27	96	185.941	0.205	22.9	0.2322	0.0000	OK
60 minute winter	J28	36	186.495	0.139	5.9	0.1574	0.0000	SURCHARGED
60 minute winter	J29	36	186.393	0.122	6.6	0.1375	0.0000	SURCHARGED
60 minute winter	J30	35	186.280	0.133	13.4	0.1500	0.0000	OK
60 minute winter	J31	35	186.160	0.116	14.1	0.1312	0.0000	OK
60 minute winter	J32	35	186.116	0.105	14.9	0.1187	0.0000	OK
60 minute winter	J33	34	185.604	0.069	21.2	0.0776	0.0000	OK
60 minute winter	J34	34	185.267	0.142	27.7	0.1609	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J20	23.002	J21	6.7	0.615	0.499	0.0415	
60 minute winter	J21	23.003	J22	7.5	0.640	0.562	0.0944	
60 minute winter	J22	23.004	J23	8.3	0.687	0.616	0.0436	
60 minute winter	J23	23.005	S18	8.6	0.780	0.645	0.0830	
60 minute winter	J24	23.007	J25	14.9	0.525	0.496	0.1759	
60 minute winter	J25	23.008	J26	15.7	0.529	0.521	0.1477	
60 minute winter	J26	23.009	S19	16.5	0.550	0.541	0.1184	
60 minute winter	J27	23.011	S4	22.9	0.894	0.767	0.0920	
60 minute winter	J28	32.001	J29	5.8	0.745	0.982	0.0691	
60 minute winter	J29	32.002	S12	6.7	0.854	1.122	0.0358	
60 minute winter	J30	32.004	J31	13.4	0.884	1.007	0.0745	
60 minute winter	J31	32.005	J32	14.1	0.730	0.471	0.1888	
60 minute winter	J32	32.006	S13	14.9	1.029	0.497	0.0780	
60 minute winter	J33	32.008	S14	21.2	1.149	0.204	0.1689	
60 minute winter	J34	32.010	J35	27.7	1.275	0.718	0.1955	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J35	34	185.174	0.099	28.4	0.1123	0.0000	OK
60 minute winter	J36	34	185.024	0.149	29.2	0.1685	0.0000	OK
60 minute winter	J37	34	184.652	0.152	36.2	0.1722	0.0000	OK
60 minute winter	J38	34	184.515	0.215	43.2	0.2431	0.0000	OK
60 minute winter	J39	34	184.467	0.193	44.0	0.2180	0.0000	OK
60 minute winter	J40	34	184.424	0.159	45.4	0.1793	0.0000	OK
60 minute winter	J41	48	184.622	0.025	0.8	0.0284	0.0000	OK
60 minute winter	J42	46	184.574	0.037	1.6	0.0421	0.0000	OK
60 minute winter	J43	34	184.475	0.095	6.9	0.1076	0.0000	OK
60 minute winter	J44	34	184.460	0.090	7.6	0.1013	0.0000	OK
60 minute winter	J45	35	184.422	0.102	8.3	0.1155	0.0000	OK
60 minute winter	J46	35	184.395	0.173	13.4	0.1952	0.0000	OK
60 minute winter	J47	35	184.388	0.181	14.1	0.2052	0.0000	OK
60 minute winter	J48	36	184.373	0.179	19.2	0.2025	0.0000	OK
60 minute winter	J49	36	184.357	0.188	20.0	0.2125	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J35	32.011	J36	28.4	1.265	0.319	0.1538	
60 minute winter	J36	32.012	S15	29.2	1.246	0.972	0.0554	
60 minute winter	J37	32.014	S16	36.2	1.242	0.655	0.1514	
60 minute winter	J38	32.016	J39	43.2	0.847	0.799	0.5508	
60 minute winter	J39	32.017	J40	43.9	1.026	0.803	0.1564	
60 minute winter	J40	32.018	S10	45.4	1.296	0.456	0.3356	
60 minute winter	J41	48.002	J42	0.8	0.446	0.138	0.0130	
60 minute winter	J42	48.003	S21	1.6	0.629	0.276	0.0212	
60 minute winter	J43	48.005	J44	6.9	0.611	0.494	0.0183	
60 minute winter	J44	48.006	J45	7.6	0.659	0.569	0.1041	
60 minute winter	J45	48.007	S22	8.3	0.734	0.611	0.0290	
60 minute winter	J46	48.009	J47	13.4	0.406	0.434	0.1412	
60 minute winter	J47	48.010	S23	14.1	0.407	0.467	0.0913	
60 minute winter	J48	48.012	J49	19.2	0.557	0.643	0.2581	
60 minute winter	J49	48.013	J50	20.0	0.576	0.652	0.0395	

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J50	36	184.346	0.181	20.8	0.2044	0.0000	OK
60 minute winter	J51	36	184.328	0.180	21.5	0.2036	0.0000	OK
60 minute winter	J52	36	184.312	0.168	22.3	0.1902	0.0000	OK
60 minute winter	J53	36	184.285	0.157	23.1	0.1781	0.0000	OK
60 minute winter	J54	35	185.225	0.096	5.9	0.1080	0.0000	OK
60 minute winter	J55	35	185.174	0.080	6.8	0.0904	0.0000	OK
60 minute winter	J56	36	184.212	0.205	34.9	0.2315	0.0000	OK
60 minute winter	J57	36	184.185	0.200	35.7	0.2257	0.0000	OK
60 minute winter	BASIN 1	96	185.941	1.016	65.9	123.8489	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.817	0.517	4.0	51.8750	0.0000	OK
60 minute winter	BASIN 3	300	182.914	-0.186	60.7	115.8029	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J50	48.014	J51	20.7	0.609	0.694	0.1731	
60 minute winter	J51	48.015	J52	21.5	0.652	0.701	0.0374	
60 minute winter	J52	48.016	J53	22.3	0.725	0.731	0.1499	
60 minute winter	J53	48.017	S24	23.1	0.873	0.765	0.2837	
60 minute winter	J54	65.002	J55	5.8	0.811	0.986	0.0262	
60 minute winter	J55	65.003	S24	6.6	1.043	0.874	0.0502	
60 minute winter	J56	48.019	J57	34.9	0.692	0.644	0.4588	
60 minute winter	J57	48.020	S25	35.7	0.748	0.654	0.2921	
60 minute winter	BASIN 1	1.023	S5	3.5	0.317	0.042	0.9418	
60 minute winter	BASIN 1	Infiltration		0.1				1.8
60 minute winter	BASIN 2	1.027	S7	0.3	0.242	0.004	0.0317	
60 minute winter	BASIN 2	71.000	BH1	2.6	0.735	0.439	0.1829	
60 minute winter	BASIN 2	Infiltration		0.0				0.0
60 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
60 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	BASIN 4	149	183.679	0.349	46.7	101.7907	0.0000	SURCHARGED
60 minute winter	SWALE 1	97	184.927	0.053	3.5	0.0756	0.0000	OK
60 minute winter	SWALE 2	300	184.389	0.014	0.3	0.0201	0.0000	OK
60 minute winter	SWALE 3	35	184.169	0.174	52.3	0.2492	0.0000	OK
60 minute winter	BH1	300	184.817	0.740	2.6	2.9478	0.0000	OK
60 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
60 minute winter	BH3	144	183.679	0.360	7.1	3.2850	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	BASIN 4	48.022	BH3	7.1	0.839	0.132	0.3211	
60 minute winter	BASIN 4	Infiltration		0.0				0.0
60 minute winter	SWALE 1	1.025	S6	3.5	0.380	0.042	0.3446	
60 minute winter	SWALE 2	1.029	S8	0.1	0.173	0.001	0.0180	
60 minute winter	SWALE 3	1.033	BASIN 3	52.3	1.077	0.418	2.0956	
60 minute winter	BH1	Infiltration		0.1				1.5
60 minute winter	BH2	Infiltration		0.0				0.0
60 minute winter	BH3	Infiltration		0.2				3.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.416	0.046	3.8	0.0679	0.0000	OK
120 minute summer	S2	64	187.194	0.155	24.1	0.2686	0.0000	OK
120 minute summer	S3	64	186.285	0.148	32.0	0.1963	0.0000	OK
120 minute summer	S4	134	186.074	0.696	57.5	0.8928	0.0000	SURCHARGED
120 minute summer	S5	134	186.074	1.164	3.7	1.6660	0.0000	SURCHARGED
120 minute summer	S6	138	184.860	0.052	3.7	0.0746	0.0000	OK
120 minute summer	S7	360	184.786	0.027	3.1	0.0384	0.0000	OK
120 minute summer	S8	360	184.359	0.029	3.1	0.0411	0.0000	OK
120 minute summer	S9	64	184.238	0.113	3.1	0.1614	0.0000	OK
120 minute summer	S10	64	184.238	0.125	47.3	0.2271	0.0000	OK
120 minute summer	S11	64	186.482	0.082	4.9	0.1289	0.0000	OK
120 minute summer	S12	64	186.307	0.131	11.7	0.1942	0.0000	OK
120 minute summer	S13	64	186.064	0.071	18.8	0.1057	0.0000	OK
120 minute summer	S14	64	185.311	0.136	25.1	0.2145	0.0000	OK
120 minute summer	S15	64	184.969	0.102	32.2	0.1604	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S1	1.000	J1	3.8	0.656	0.435	0.0466	
120 minute summer	S2	1.012	J12	24.1	0.910	0.806	0.0395	
120 minute summer	S3	1.019	J18	31.9	1.086	0.599	0.1509	
120 minute summer	S4	1.022	BASIN 1	56.5	1.232	0.337	1.1778	
120 minute summer	S5	1.024	SWALE 1	3.7	0.376	0.044	0.1997	
120 minute summer	S6	1.026	BASIN 2	3.7	0.464	0.043	0.0508	
120 minute summer	S7	1.028	SWALE 2	3.1	0.534	0.010	0.1009	
120 minute summer	S8	1.030	S9	3.1	0.563	0.012	0.1674	
120 minute summer	S9	1.031	S10	3.1	0.597	0.037	0.2002	
120 minute summer	S10	1.032	SWALE 3	47.0	1.210	0.143	0.1708	
120 minute summer	S11	32.000	J28	4.9	0.712	0.820	0.0320	
120 minute summer	S12	32.003	J30	11.7	0.728	0.873	0.0813	
120 minute summer	S13	32.007	J33	18.8	1.849	0.192	0.1320	
120 minute summer	S14	32.009	J34	25.1	1.004	0.494	0.1308	
120 minute summer	S15	32.013	J37	32.2	1.977	0.349	0.1520	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.588	0.101	38.5	0.1545	0.0000	OK
120 minute summer	S17	64	186.233	0.082	5.4	0.1312	0.0000	OK
120 minute summer	S18	136	186.075	0.251	12.9	0.3703	0.0000	SURCHARGED
120 minute summer	S19	134	186.075	0.308	19.9	0.4445	0.0000	SURCHARGED
120 minute summer	S20	78	184.668	0.026	0.8	0.0294	0.0000	OK
120 minute summer	S21	64	184.489	0.080	5.6	0.1057	0.0000	OK
120 minute summer	S22	66	184.387	0.156	11.7	0.2021	0.0000	OK
120 minute summer	S23	66	184.370	0.172	16.9	0.2220	0.0000	OK
120 minute summer	S24	66	184.219	0.202	31.8	0.2654	0.0000	OK
120 minute summer	S25	66	184.147	0.177	36.5	0.2444	0.0000	OK
120 minute summer	S26	64	185.424	0.047	4.7	0.0694	0.0000	OK
120 minute summer	FC1	76	188.896	0.646	1.8	1.1447	0.0000	SURCHARGED
120 minute summer	FC2	76	188.794	0.644	1.8	1.1362	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S16	32.015	J38	38.5	1.080	0.121	0.0822	
120 minute summer	S17	23.001	J20	5.4	0.818	0.910	0.0471	
120 minute summer	S18	23.006	J24	12.8	0.513	0.402	0.0729	
120 minute summer	S19	23.010	J27	19.8	0.730	0.662	0.3541	
120 minute summer	S20	48.001	J41	0.8	0.517	0.136	0.0073	
120 minute summer	S21	48.004	J43	5.6	0.550	0.421	0.0523	
120 minute summer	S22	48.008	J46	11.6	0.410	0.369	0.0724	
120 minute summer	S23	48.011	J48	16.9	0.534	0.547	0.0360	
120 minute summer	S24	48.018	J56	31.8	0.646	0.594	0.2089	
120 minute summer	S25	48.021	BASIN 4	36.5	0.941	0.684	0.1491	
120 minute summer	S26	65.001	J54	4.7	0.878	0.449	0.0451	
120 minute summer	FC1	2.000	J1	1.0	0.407	0.169	0.0309	
120 minute summer	FC1	Infiltration		0.0				0.0
120 minute summer	FC2	3.000	J2	0.8	0.514	0.134	0.0136	
120 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC3	78	188.862	0.662	2.4	1.9146	0.0000	SURCHARGED
120 minute summer	FC4	72	188.781	0.581	1.3	0.7273	0.0000	SURCHARGED
120 minute summer	FC5	76	188.642	0.642	1.8	1.1377	0.0000	SURCHARGED
120 minute summer	FC6	72	188.430	0.580	1.3	0.7258	0.0000	SURCHARGED
120 minute summer	FC7	72	188.332	0.582	1.3	0.7278	0.0000	SURCHARGED
120 minute summer	FC8	76	188.393	0.643	1.8	1.1302	0.0000	SURCHARGED
120 minute summer	FC9	72	188.053	0.583	1.3	0.7297	0.0000	SURCHARGED
120 minute summer	FC10	78	188.140	0.670	2.4	1.9101	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC3	4.000	J3	0.8	0.542	0.129	0.0214	
120 minute summer	FC3	Infiltration		0.0				0.0
120 minute summer	FC4	5.000	J4	0.8	0.601	0.102	0.0092	
120 minute summer	FC4	Infiltration		0.0				0.0
120 minute summer	FC5	6.000	J5	0.8	0.512	0.134	0.0064	
120 minute summer	FC5	Infiltration		0.0				0.0
120 minute summer	FC6	7.000	J6	0.8	0.667	0.087	0.0126	
120 minute summer	FC6	Infiltration		0.0				0.0
120 minute summer	FC7	8.000	J7	0.8	0.581	0.106	0.0095	
120 minute summer	FC7	Infiltration		0.0				0.0
120 minute summer	FC8	9.000	J8	0.8	0.721	0.083	0.0046	
120 minute summer	FC8	Infiltration		0.0				0.0
120 minute summer	FC9	10.000	J9	0.8	0.512	0.127	0.0107	
120 minute summer	FC9	Infiltration		0.0				0.0
120 minute summer	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC11	76	187.966	0.646	1.8	1.1362	0.0000	SURCHARGED
120 minute summer	FC12	76	187.876	0.646	1.8	1.1360	0.0000	SURCHARGED
120 minute summer	FC13	76	187.646	0.646	1.8	1.1363	0.0000	SURCHARGED
120 minute summer	FC14	84	187.068	0.168	1.8	2.1360	0.0000	SURCHARGED
120 minute summer	FC15	72	187.777	0.577	1.3	0.7219	0.0000	SURCHARGED
120 minute summer	FC16	72	187.483	0.583	1.3	0.7290	0.0000	SURCHARGED
120 minute summer	FC17	72	187.579	0.578	1.3	0.7237	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC10	Infiltration		0.0				0.0
120 minute summer	FC11	12.000	J11	0.8	0.517	0.135	0.0119	
120 minute summer	FC11	Infiltration		0.0				0.0
120 minute summer	FC12	13.000	S2	0.8	0.517	0.135	0.0121	
120 minute summer	FC12	Infiltration		0.0				0.0
120 minute summer	FC13	14.000	J12	0.8	0.518	0.134	0.0105	
120 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.4	0.424	0.066	0.0070	
120 minute summer	FC14	Infiltration		0.0				0.0
120 minute summer	FC15	16.000	J14	0.8	1.085	0.044	0.0033	
120 minute summer	FC15	Infiltration		0.0				0.0
120 minute summer	FC16	17.000	J15	0.8	0.535	0.120	0.0107	
120 minute summer	FC16	Infiltration		0.0				0.0
120 minute summer	FC17	18.000	J16	0.8	0.847	0.062	0.0043	
120 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC18	72	187.133	0.583	1.3	0.7298	0.0000	SURCHARGED
120 minute summer	FC19	76	187.046	0.646	1.8	1.1363	0.0000	SURCHARGED
120 minute summer	FC20	76	187.592	0.642	1.8	1.1257	0.0000	SURCHARGED
120 minute summer	FC21	76	186.944	0.644	1.8	1.1370	0.0000	SURCHARGED
120 minute summer	FC22	80	186.601	0.151	1.3	1.4574	0.0000	SURCHARGED
120 minute summer	FC23	72	186.878	0.578	1.3	0.7230	0.0000	SURCHARGED
120 minute summer	FC24	76	186.943	0.643	1.8	1.1262	0.0000	SURCHARGED
120 minute summer	FC25	76	187.193	0.643	1.8	1.1256	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC18	19.000	J17	0.8	0.509	0.128	0.0104	
120 minute summer	FC18	Infiltration		0.0				0.0
120 minute summer	FC19	20.000	S3	0.8	0.515	0.135	0.0102	
120 minute summer	FC19	Infiltration		0.0				0.0
120 minute summer	FC20	21.000	J18	0.8	1.043	0.050	0.0033	
120 minute summer	FC20	Infiltration		0.0				0.0
120 minute summer	FC21	22.000	J19	0.8	0.517	0.135	0.0118	
120 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.4	0.513	0.025	0.0174	
120 minute summer	FC22	Infiltration		0.0				0.0
120 minute summer	FC23	24.000	J20	0.8	0.898	0.057	0.0069	
120 minute summer	FC23	Infiltration		0.0				0.0
120 minute summer	FC24	25.000	J21	0.8	0.940	0.058	0.0073	
120 minute summer	FC24	Infiltration		0.0				0.0
120 minute summer	FC25	26.000	J22	0.8	1.035	0.050	0.0037	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	80	186.596	0.146	1.3	1.4729	0.0000	SURCHARGED
120 minute summer	FC27	72	187.077	0.576	1.3	0.7212	0.0000	SURCHARGED
120 minute summer	FC28	76	187.142	0.642	1.8	1.1259	0.0000	SURCHARGED
120 minute summer	FC29	76	187.140	0.640	1.8	1.1267	0.0000	SURCHARGED
120 minute summer	FC30	76	187.392	0.642	1.8	1.1264	0.0000	SURCHARGED
120 minute summer	FC31	72	187.030	0.580	1.3	0.7254	0.0000	SURCHARGED
120 minute summer	FC32	72	187.028	0.578	1.3	0.7232	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.4	0.729	0.028	0.0023	
120 minute summer	FC26	Infiltration		0.0				0.0
120 minute summer	FC27	28.000	J24	0.8	1.264	0.035	0.0181	
120 minute summer	FC27	Infiltration		0.0				0.0
120 minute summer	FC28	29.000	J25	0.8	1.040	0.050	0.0033	
120 minute summer	FC28	Infiltration		0.0				0.0
120 minute summer	FC29	30.000	J26	0.8	1.011	0.052	0.0037	
120 minute summer	FC29	Infiltration		0.0				0.0
120 minute summer	FC30	31.000	J27	0.8	0.970	0.055	0.0036	
120 minute summer	FC30	Infiltration		0.0				0.0
120 minute summer	FC31	33.000	J28	0.8	0.372	0.084	0.0177	
120 minute summer	FC31	Infiltration		0.0				0.0
120 minute summer	FC32	34.000	J29	0.8	0.310	0.060	0.0180	
120 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC33	76	187.094	0.644	1.8	1.1255	0.0000	SURCHARGED
120 minute summer	FC34	76	187.095	0.645	1.8	1.1360	0.0000	SURCHARGED
120 minute summer	FC35	76	187.092	0.642	1.8	1.1265	0.0000	SURCHARGED
120 minute summer	FC36	76	187.089	0.639	1.8	1.1272	0.0000	SURCHARGED
120 minute summer	FC37	78	186.476	0.676	2.4	1.9021	0.0000	SURCHARGED
120 minute summer	FC38	82	185.578	0.128	1.3	1.5373	0.0000	SURCHARGED
120 minute summer	FC39	72	186.028	0.578	1.3	0.7228	0.0000	SURCHARGED
120 minute summer	FC40	76	186.099	0.599	1.8	1.1466	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC33	35.000	S12	0.8	0.950	0.056	0.0158	
120 minute summer	FC33	Infiltration		0.0				0.0
120 minute summer	FC34	36.000	J30	0.8	0.530	0.129	0.0072	
120 minute summer	FC34	Infiltration		0.0				0.0
120 minute summer	FC35	37.000	J31	0.8	0.961	0.056	0.0043	
120 minute summer	FC35	Infiltration		0.0				0.0
120 minute summer	FC36	38.000	J32	0.8	1.007	0.052	0.0040	
120 minute summer	FC36	Infiltration		0.0				0.0
120 minute summer	FC37	39.000	J33	0.8	0.693	0.092	0.0077	
120 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.3	0.686	0.028	0.0024	
120 minute summer	FC38	Infiltration		0.0				0.0
120 minute summer	FC39	41.000	J35	0.8	0.953	0.052	0.0035	
120 minute summer	FC39	Infiltration		0.0				0.0
120 minute summer	FC40	42.000	J36	0.8	1.173	0.040	0.0037	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC41	76	185.491	0.641	1.8	1.1299	0.0000	SURCHARGED
120 minute summer	FC42	76	185.241	0.641	1.8	1.1323	0.0000	SURCHARGED
120 minute summer	FC43	76	185.225	0.625	1.8	1.1360	0.0000	SURCHARGED
120 minute summer	FC44	64	184.625	0.025	1.3	0.0310	0.0000	OK
120 minute summer	FC45	72	185.178	0.578	1.3	0.7233	0.0000	SURCHARGED
120 minute summer	FC46	78	185.370	0.670	2.4	1.9121	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	76	185.443	0.643	1.8	1.1260	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC40	Infiltration		0.0				0.0
120 minute summer	FC41	43.000	J37	0.8	0.772	0.076	0.0052	
120 minute summer	FC41	Infiltration		0.0				0.0
120 minute summer	FC42	44.000	J38	0.8	0.672	0.092	0.0058	
120 minute summer	FC42	Infiltration		0.0				0.0
120 minute summer	FC43	45.000	J39	0.8	0.760	0.076	0.0045	
120 minute summer	FC43	Infiltration		0.0				0.0
120 minute summer	FC44	46.000	J40	1.3	0.891	0.122	0.0064	
120 minute summer	FC44	Infiltration		0.0				0.0
120 minute summer	FC45	47.000	S10	0.8	0.886	0.058	0.0039	
120 minute summer	FC45	Infiltration		0.0				0.0
120 minute summer	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
120 minute summer	FC46	Infiltration		0.0				0.0
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
120 minute summer	FC48	50.000	J42	0.8	0.606	0.057	0.0086	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC49	76	185.444	0.644	1.8	1.1371	0.0000	SURCHARGED
120 minute summer	FC50	76	185.444	0.644	1.8	1.1370	0.0000	SURCHARGED
120 minute summer	FC51	76	185.491	0.641	1.8	1.1378	0.0000	SURCHARGED
120 minute summer	FC52	76	185.887	0.637	1.8	1.1316	0.0000	SURCHARGED
120 minute summer	FC53	76	185.893	0.643	1.8	1.1309	0.0000	SURCHARGED
120 minute summer	FC54	72	185.829	0.579	1.3	0.7246	0.0000	SURCHARGED
120 minute summer	FC55	72	185.828	0.578	1.3	0.7226	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC48	Infiltration		0.0				0.0
120 minute summer	FC49	51.000	S21	0.8	0.512	0.134	0.0068	
120 minute summer	FC49	Infiltration		0.0				0.0
120 minute summer	FC50	52.000	J43	0.8	0.513	0.134	0.0073	
120 minute summer	FC50	Infiltration		0.0				0.0
120 minute summer	FC51	55.000	S22	0.8	0.515	0.134	0.0095	
120 minute summer	FC51	Infiltration		0.0				0.0
120 minute summer	FC52	58.000	S23	0.8	0.751	0.079	0.0058	
120 minute summer	FC52	Infiltration		0.0				0.0
120 minute summer	FC53	61.000	J50	0.8	0.706	0.086	0.0048	
120 minute summer	FC53	Infiltration		0.0				0.0
120 minute summer	FC54	62.000	J51	0.8	0.771	0.070	0.0039	
120 minute summer	FC54	Infiltration		0.0				0.0
120 minute summer	FC55	64.000	J53	0.8	0.975	0.051	0.0032	
120 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC56	72	185.927	0.577	1.3	0.7224	0.0000	SURCHARGED
120 minute summer	FC57	72	185.928	0.578	1.3	0.7228	0.0000	SURCHARGED
120 minute summer	FC58	72	185.928	0.578	1.3	0.7231	0.0000	SURCHARGED
120 minute summer	FC59	72	185.929	0.579	1.3	0.7237	0.0000	SURCHARGED
120 minute summer	FC60	76	185.993	0.643	1.8	1.1276	0.0000	SURCHARGED
120 minute summer	FC61	76	185.944	0.643	1.8	1.1312	0.0000	SURCHARGED
120 minute summer	FC62	78	185.917	0.667	2.4	1.9091	0.0000	SURCHARGED
120 minute summer	FC63	72	185.983	0.583	1.3	0.7298	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC56	53.000	J44	0.8	1.008	0.049	0.0049	
120 minute summer	FC56	Infiltration		0.0				0.0
120 minute summer	FC57	54.000	J45	0.8	0.945	0.053	0.0052	
120 minute summer	FC57	Infiltration		0.0				0.0
120 minute summer	FC58	56.000	J46	0.8	0.907	0.057	0.0052	
120 minute summer	FC58	Infiltration		0.0				0.0
120 minute summer	FC59	57.000	J47	0.8	0.841	0.063	0.0058	
120 minute summer	FC59	Infiltration		0.0				0.0
120 minute summer	FC60	59.000	J48	0.8	0.845	0.067	0.0062	
120 minute summer	FC60	Infiltration		0.0				0.0
120 minute summer	FC61	60.000	J49	0.8	0.678	0.092	0.0087	
120 minute summer	FC61	Infiltration		0.0				0.0
120 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0121	
120 minute summer	FC62	Infiltration		0.0				0.0
120 minute summer	FC63	65.000	S26	0.8	0.433	0.127	0.0061	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC64	72	185.751	0.601	1.3	0.7518	0.0000	SURCHARGED
120 minute summer	FC65	76	185.795	0.644	1.8	1.1289	0.0000	SURCHARGED
120 minute summer	FC66	76	185.645	0.645	1.8	1.1345	0.0000	SURCHARGED
120 minute summer	FC67	80	184.945	0.145	1.3	1.4936	0.0000	SURCHARGED
120 minute summer	FC68	72	185.131	0.581	1.3	0.7263	0.0000	SURCHARGED
120 minute summer	J1	66	188.312	0.112	8.2	0.1647	0.0000	SURCHARGED
120 minute summer	J2	66	188.162	0.106	8.8	0.1200	0.0000	OK
120 minute summer	J3	66	188.142	0.092	9.6	0.1040	0.0000	OK
120 minute summer	J4	66	188.104	0.065	10.3	0.0740	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC63	Infiltration		0.0				0.0
120 minute summer	FC64	66.000	J54	0.8	0.278	0.134	0.0133	
120 minute summer	FC64	Infiltration		0.0				0.0
120 minute summer	FC65	67.000	J55	0.8	0.385	0.082	0.0079	
120 minute summer	FC65	Infiltration		0.0				0.0
120 minute summer	FC66	68.000	S24	0.8	0.575	0.111	0.0029	
120 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.4	0.403	0.061	0.0019	
120 minute summer	FC67	Infiltration		0.0				0.0
120 minute summer	FC68	70.000	J57	0.8	0.666	0.084	0.0026	
120 minute summer	FC68	Infiltration		0.0				0.0
120 minute summer	J1	1.001	J2	8.0	1.117	0.966	0.0382	
120 minute summer	J2	1.002	J3	8.8	0.714	0.656	0.0128	
120 minute summer	J3	1.003	J4	9.6	1.028	0.724	0.0182	
120 minute summer	J4	1.004	J5	10.3	1.514	0.303	0.0241	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J5	66	187.968	0.058	11.1	0.0654	0.0000	OK
120 minute summer	J6	66	187.734	0.084	11.8	0.0952	0.0000	OK
120 minute summer	J7	66	187.620	0.095	12.5	0.1078	0.0000	OK
120 minute summer	J8	66	187.580	0.059	13.2	0.0670	0.0000	OK
120 minute summer	J9	66	187.374	0.099	14.0	0.1120	0.0000	OK
120 minute summer	J10	66	187.330	0.060	14.8	0.0678	0.0000	OK
120 minute summer	J11	68	187.208	0.087	15.5	0.0989	0.0000	OK
120 minute summer	J12	64	186.917	0.108	24.9	0.1221	0.0000	OK
120 minute summer	J13	64	186.793	0.166	25.1	0.1881	0.0000	OK
120 minute summer	J14	66	186.776	0.154	25.8	0.1742	0.0000	OK
120 minute summer	J15	66	186.752	0.135	26.4	0.1528	0.0000	OK
120 minute summer	J16	66	186.711	0.106	27.1	0.1202	0.0000	OK
120 minute summer	J17	66	186.367	0.083	27.8	0.0944	0.0000	OK
120 minute summer	J18	66	186.238	0.113	32.7	0.1281	0.0000	OK
120 minute summer	J19	66	186.195	0.168	33.5	0.1900	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J5	1.005	J6	11.1	1.354	0.290	0.0466	
120 minute summer	J6	1.006	J7	11.8	1.325	0.415	0.0175	
120 minute summer	J7	1.007	J8	12.4	1.027	0.402	0.0137	
120 minute summer	J8	1.008	J9	13.3	1.068	0.149	0.1064	
120 minute summer	J9	1.009	J10	14.0	1.118	0.420	0.0152	
120 minute summer	J10	1.010	J11	14.8	1.316	0.114	0.0278	
120 minute summer	J11	1.011	S2	15.6	0.729	0.242	0.1161	
120 minute summer	J12	1.013	J13	24.8	1.437	0.371	0.1118	
120 minute summer	J13	1.014	J14	25.1	0.657	0.443	0.0725	
120 minute summer	J14	1.015	J15	25.7	0.767	0.457	0.0644	
120 minute summer	J15	1.016	J16	26.4	0.997	0.495	0.1361	
120 minute summer	J16	1.017	J17	27.1	1.375	0.190	0.0664	
120 minute summer	J17	1.018	S3	27.8	1.117	0.089	0.0476	
120 minute summer	J18	1.020	J19	32.7	1.010	0.114	0.0483	
120 minute summer	J19	1.021	S4	33.5	0.918	0.608	0.1605	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J20	64	186.114	0.083	6.1	0.0938	0.0000	OK
120 minute summer	J21	64	186.093	0.084	6.8	0.0946	0.0000	OK
120 minute summer	J22	136	186.075	0.112	7.6	0.1263	0.0000	OK
120 minute summer	J23	136	186.075	0.133	7.9	0.1500	0.0000	OK
120 minute summer	J24	136	186.075	0.258	13.5	0.2912	0.0000	SURCHARGED
120 minute summer	J25	136	186.075	0.278	14.2	0.3150	0.0000	SURCHARGED
120 minute summer	J26	134	186.075	0.295	15.0	0.3342	0.0000	SURCHARGED
120 minute summer	J27	134	186.075	0.338	20.6	0.3828	0.0000	SURCHARGED
120 minute summer	J28	66	186.444	0.088	5.5	0.0995	0.0000	OK
120 minute summer	J29	66	186.374	0.103	6.1	0.1161	0.0000	SURCHARGED
120 minute summer	J30	64	186.272	0.125	12.4	0.1411	0.0000	OK
120 minute summer	J31	64	186.155	0.111	13.2	0.1257	0.0000	OK
120 minute summer	J32	64	186.112	0.101	13.9	0.1142	0.0000	OK
120 minute summer	J33	64	185.601	0.066	19.6	0.0744	0.0000	OK
120 minute summer	J34	64	185.260	0.135	25.4	0.1524	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J20	23.002	J21	6.0	0.602	0.448	0.0379	
120 minute summer	J21	23.003	J22	6.8	0.627	0.507	0.0868	
120 minute summer	J22	23.004	J23	7.5	0.673	0.558	0.0549	
120 minute summer	J23	23.005	S18	7.9	0.761	0.589	0.1279	
120 minute summer	J24	23.007	J25	13.4	0.520	0.446	0.2458	
120 minute summer	J25	23.008	J26	14.2	0.521	0.471	0.1975	
120 minute summer	J26	23.009	S19	15.1	0.541	0.492	0.1474	
120 minute summer	J27	23.011	S4	20.7	0.864	0.692	0.0951	
120 minute summer	J28	32.001	J29	5.4	0.737	0.919	0.0667	
120 minute summer	J29	32.002	S12	6.1	0.819	1.030	0.0341	
120 minute summer	J30	32.004	J31	12.4	0.863	0.935	0.0711	
120 minute summer	J31	32.005	J32	13.1	0.715	0.438	0.1792	
120 minute summer	J32	32.006	S13	13.9	1.009	0.463	0.0740	
120 minute summer	J33	32.008	S14	19.5	1.138	0.188	0.1579	
120 minute summer	J34	32.010	J35	25.3	1.254	0.656	0.1820	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J35	64	185.168	0.093	26.0	0.1055	0.0000	OK
120 minute summer	J36	64	185.016	0.141	26.7	0.1595	0.0000	OK
120 minute summer	J37	64	184.645	0.145	33.0	0.1637	0.0000	OK
120 minute summer	J38	64	184.501	0.201	39.3	0.2278	0.0000	OK
120 minute summer	J39	64	184.455	0.181	39.9	0.2048	0.0000	OK
120 minute summer	J40	64	184.414	0.149	41.1	0.1686	0.0000	OK
120 minute summer	J41	80	184.622	0.025	0.8	0.0282	0.0000	OK
120 minute summer	J42	78	184.574	0.037	1.6	0.0419	0.0000	OK
120 minute summer	J43	64	184.470	0.090	6.4	0.1016	0.0000	OK
120 minute summer	J44	66	184.454	0.084	7.0	0.0954	0.0000	OK
120 minute summer	J45	66	184.412	0.092	7.7	0.1042	0.0000	OK
120 minute summer	J46	66	184.382	0.160	12.3	0.1808	0.0000	OK
120 minute summer	J47	66	184.376	0.169	13.0	0.1910	0.0000	OK
120 minute summer	J48	66	184.361	0.167	17.7	0.1888	0.0000	OK
120 minute summer	J49	66	184.346	0.177	18.4	0.1996	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J35	32.011	J36	25.9	1.241	0.291	0.1433	
120 minute summer	J36	32.012	S15	26.6	1.223	0.888	0.0518	
120 minute summer	J37	32.014	S16	32.9	1.217	0.596	0.1414	
120 minute summer	J38	32.016	J39	39.2	0.826	0.725	0.5124	
120 minute summer	J39	32.017	J40	39.8	1.003	0.728	0.1450	
120 minute summer	J40	32.018	S10	41.0	1.264	0.412	0.3107	
120 minute summer	J41	48.002	J42	0.8	0.438	0.137	0.0129	
120 minute summer	J42	48.003	S21	1.6	0.627	0.273	0.0210	
120 minute summer	J43	48.005	J44	6.4	0.601	0.456	0.0170	
120 minute summer	J44	48.006	J45	7.0	0.654	0.525	0.0945	
120 minute summer	J45	48.007	S22	7.7	0.734	0.569	0.0250	
120 minute summer	J46	48.009	J47	12.3	0.402	0.399	0.1309	
120 minute summer	J47	48.010	S23	13.0	0.402	0.431	0.0853	
120 minute summer	J48	48.012	J49	17.7	0.546	0.590	0.2421	
120 minute summer	J49	48.013	J50	18.4	0.563	0.601	0.0372	

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J50	66	184.335	0.170	19.2	0.1918	0.0000	OK
120 minute summer	J51	66	184.318	0.170	19.9	0.1917	0.0000	OK
120 minute summer	J52	66	184.302	0.158	20.7	0.1786	0.0000	OK
120 minute summer	J53	66	184.274	0.147	21.4	0.1665	0.0000	OK
120 minute summer	J54	64	185.212	0.083	5.3	0.0943	0.0000	OK
120 minute summer	J55	64	185.167	0.073	6.0	0.0823	0.0000	OK
120 minute summer	J56	66	184.201	0.194	32.1	0.2189	0.0000	OK
120 minute summer	J57	66	184.174	0.189	32.8	0.2142	0.0000	OK
120 minute summer	BASIN 1	134	186.074	1.149	58.9	144.9260	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.846	0.546	4.1	55.2386	0.0000	OK
120 minute summer	BASIN 3	360	182.993	-0.107	54.4	146.1501	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J50	48.014	J51	19.2	0.598	0.642	0.1629	
120 minute summer	J51	48.015	J52	19.9	0.642	0.649	0.0351	
120 minute summer	J52	48.016	J53	20.7	0.721	0.677	0.1396	
120 minute summer	J53	48.017	S24	21.3	0.864	0.707	0.2593	
120 minute summer	J54	65.002	J55	5.2	0.801	0.885	0.0238	
120 minute summer	J55	65.003	S24	6.0	1.027	0.788	0.0458	
120 minute summer	J56	48.019	J57	32.1	0.676	0.592	0.4312	
120 minute summer	J57	48.020	S25	32.8	0.729	0.600	0.2753	
120 minute summer	BASIN 1	1.023	S5	3.7	0.249	0.045	0.9418	
120 minute summer	BASIN 1	Infiltration		0.1				2.1
120 minute summer	BASIN 2	1.027	S7	3.1	0.538	0.038	0.1303	
120 minute summer	BASIN 2	71.000	BH1	1.9	0.599	0.328	0.1829	
120 minute summer	BASIN 2	Infiltration		0.0				0.0
120 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	BASIN 4	190	183.743	0.413	42.2	121.5477	0.0000	SURCHARGED
120 minute summer	SWALE 1	136	184.929	0.054	3.7	0.0780	0.0000	OK
120 minute summer	SWALE 2	360	184.425	0.050	3.1	0.0712	0.0000	OK
120 minute summer	SWALE 3	66	184.159	0.164	47.0	0.2348	0.0000	OK
120 minute summer	BH1	360	184.846	0.769	1.9	3.0326	0.0000	OK
120 minute summer	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute summer	BH3	190	183.743	0.424	2.7	3.5840	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	BASIN 4	48.022	BH3	2.7	0.591	0.049	0.3211	
120 minute summer	BASIN 4	Infiltration		0.0				0.0
120 minute summer	SWALE 1	1.025	S6	3.7	0.387	0.045	0.3603	
120 minute summer	SWALE 2	1.029	S8	3.1	0.515	0.038	0.1602	
120 minute summer	SWALE 3	1.033	BASIN 3	47.3	1.050	0.378	1.9455	
120 minute summer	BH1	Infiltration		0.1				1.7
120 minute summer	BH2	Infiltration		0.0				0.0
120 minute summer	BH3	Infiltration		0.2				3.5

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.408	0.037	2.6	0.0551	0.0000	OK
120 minute winter	S2	66	187.175	0.136	19.2	0.2357	0.0000	OK
120 minute winter	S3	66	186.268	0.131	25.9	0.1742	0.0000	OK
120 minute winter	S4	132	186.074	0.696	45.7	0.8925	0.0000	SURCHARGED
120 minute winter	S5	132	186.074	1.164	3.7	1.6656	0.0000	SURCHARGED
120 minute winter	S6	136	184.860	0.052	3.7	0.0746	0.0000	OK
120 minute winter	S7	360	184.786	0.027	3.1	0.0384	0.0000	OK
120 minute winter	S8	360	184.359	0.029	3.1	0.0411	0.0000	OK
120 minute winter	S9	66	184.216	0.091	3.1	0.1305	0.0000	OK
120 minute winter	S10	66	184.216	0.103	35.4	0.1877	0.0000	OK
120 minute winter	S11	64	186.461	0.061	3.4	0.0951	0.0000	OK
120 minute winter	S12	64	186.279	0.103	8.7	0.1529	0.0000	OK
120 minute winter	S13	66	186.054	0.061	14.3	0.0910	0.0000	OK
120 minute winter	S14	66	185.288	0.113	18.8	0.1776	0.0000	OK
120 minute winter	S15	66	184.953	0.086	24.2	0.1351	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S1	1.000	J1	2.6	0.611	0.298	0.0349	
120 minute winter	S2	1.012	J12	19.2	0.844	0.643	0.0340	
120 minute winter	S3	1.019	J18	25.9	1.045	0.486	0.1274	
120 minute winter	S4	1.022	BASIN 1	44.4	1.280	0.265	1.1778	
120 minute winter	S5	1.024	SWALE 1	3.7	0.376	0.044	0.1997	
120 minute winter	S6	1.026	BASIN 2	3.7	0.464	0.043	0.0507	
120 minute winter	S7	1.028	SWALE 2	3.1	0.533	0.010	0.1008	
120 minute winter	S8	1.030	S9	3.1	0.563	0.012	0.1241	
120 minute winter	S9	1.031	S10	3.1	0.596	0.037	0.1512	
120 minute winter	S10	1.032	SWALE 3	35.4	1.150	0.107	0.1349	
120 minute winter	S11	32.000	J28	3.4	0.666	0.572	0.0232	
120 minute winter	S12	32.003	J30	8.7	0.676	0.652	0.0655	
120 minute winter	S13	32.007	J33	14.3	1.714	0.146	0.1083	
120 minute winter	S14	32.009	J34	18.8	0.937	0.370	0.1051	
120 minute winter	S15	32.013	J37	24.2	1.848	0.262	0.1222	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.567	0.080	28.6	0.1212	0.0000	OK
120 minute winter	S17	64	186.212	0.062	3.8	0.0988	0.0000	OK
120 minute winter	S18	132	186.074	0.250	9.6	0.3697	0.0000	SURCHARGED
120 minute winter	S19	132	186.074	0.308	15.1	0.4440	0.0000	SURCHARGED
120 minute winter	S20	84	184.668	0.026	0.8	0.0293	0.0000	OK
120 minute winter	S21	68	184.478	0.069	4.5	0.0918	0.0000	OK
120 minute winter	S22	68	184.363	0.132	9.6	0.1710	0.0000	OK
120 minute winter	S23	68	184.347	0.149	13.8	0.1916	0.0000	OK
120 minute winter	S24	68	184.195	0.178	26.1	0.2335	0.0000	OK
120 minute winter	S25	68	184.128	0.157	29.6	0.2178	0.0000	OK
120 minute winter	S26	64	185.417	0.039	3.4	0.0583	0.0000	OK
120 minute winter	FC1	78	188.879	0.629	1.2	0.9186	0.0000	SURCHARGED
120 minute winter	FC2	78	188.778	0.628	1.2	0.9198	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S16	32.015	J38	28.6	1.045	0.090	0.0642	
120 minute winter	S17	23.001	J20	3.8	0.773	0.641	0.0351	
120 minute winter	S18	23.006	J24	9.6	0.490	0.300	0.0729	
120 minute winter	S19	23.010	J27	15.1	0.674	0.505	0.3541	
120 minute winter	S20	48.001	J41	0.8	0.517	0.135	0.0072	
120 minute winter	S21	48.004	J43	4.5	0.523	0.341	0.0446	
120 minute winter	S22	48.008	J46	9.5	0.404	0.304	0.0599	
120 minute winter	S23	48.011	J48	13.7	0.507	0.446	0.0307	
120 minute winter	S24	48.018	J56	26.1	0.616	0.488	0.1798	
120 minute winter	S25	48.021	BASIN 4	29.6	0.881	0.556	0.1294	
120 minute winter	S26	65.001	J54	3.4	0.810	0.328	0.0358	
120 minute winter	FC1	2.000	J1	0.8	0.380	0.127	0.0171	
120 minute winter	FC1	Infiltration		0.0				0.0
120 minute winter	FC2	3.000	J2	0.8	0.512	0.132	0.0098	
120 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC3	84	188.855	0.655	1.7	1.7421	0.0000	SURCHARGED
120 minute winter	FC4	74	188.669	0.469	0.9	0.5868	0.0000	SURCHARGED
120 minute winter	FC5	78	188.628	0.628	1.2	0.9208	0.0000	SURCHARGED
120 minute winter	FC6	74	188.318	0.468	0.9	0.5851	0.0000	SURCHARGED
120 minute winter	FC7	74	188.219	0.469	0.9	0.5873	0.0000	SURCHARGED
120 minute winter	FC8	78	188.378	0.628	1.2	0.9137	0.0000	SURCHARGED
120 minute winter	FC9	74	187.941	0.471	0.9	0.5892	0.0000	SURCHARGED
120 minute winter	FC10	84	188.132	0.662	1.7	1.7367	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC3	4.000	J3	0.8	0.541	0.129	0.0157	
120 minute winter	FC3	Infiltration		0.0				0.0
120 minute winter	FC4	5.000	J4	0.7	0.582	0.091	0.0085	
120 minute winter	FC4	Infiltration		0.0				0.0
120 minute winter	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
120 minute winter	FC5	Infiltration		0.0				0.0
120 minute winter	FC6	7.000	J6	0.7	0.648	0.078	0.0085	
120 minute winter	FC6	Infiltration		0.0				0.0
120 minute winter	FC7	8.000	J7	0.7	0.563	0.095	0.0087	
120 minute winter	FC7	Infiltration		0.0				0.0
120 minute winter	FC8	9.000	J8	0.8	0.718	0.082	0.0046	
120 minute winter	FC8	Infiltration		0.0				0.0
120 minute winter	FC9	10.000	J9	0.7	0.496	0.114	0.0098	
120 minute winter	FC9	Infiltration		0.0				0.0
120 minute winter	FC10	11.000	J10	0.8	0.562	0.122	0.0090	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC11	78	187.949	0.629	1.2	0.9200	0.0000	SURCHARGED
120 minute winter	FC12	78	187.859	0.629	1.2	0.9200	0.0000	SURCHARGED
120 minute winter	FC13	78	187.629	0.629	1.2	0.9201	0.0000	SURCHARGED
120 minute winter	FC14	90	187.064	0.164	1.2	2.0899	0.0000	SURCHARGED
120 minute winter	FC15	74	187.664	0.464	0.9	0.5807	0.0000	SURCHARGED
120 minute winter	FC16	74	187.370	0.470	0.9	0.5885	0.0000	SURCHARGED
120 minute winter	FC17	74	187.466	0.466	0.9	0.5827	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC10	Infiltration		0.0				0.0
120 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118	
120 minute winter	FC11	Infiltration		0.0				0.0
120 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105	
120 minute winter	FC12	Infiltration		0.0				0.0
120 minute winter	FC13	14.000	J12	0.8	0.516	0.132	0.0104	
120 minute winter	FC13	Infiltration		0.0				0.0
120 minute winter	FC14	15.000	J13	0.4	0.423	0.065	0.0069	
120 minute winter	FC14	Infiltration		0.0				0.0
120 minute winter	FC15	16.000	J14	0.7	1.050	0.039	0.0030	
120 minute winter	FC15	Infiltration		0.0				0.0
120 minute winter	FC16	17.000	J15	0.7	0.518	0.107	0.0099	
120 minute winter	FC16	Infiltration		0.0				0.0
120 minute winter	FC17	18.000	J16	0.7	0.821	0.055	0.0040	
120 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC18	74	187.021	0.471	0.9	0.5893	0.0000	SURCHARGED
120 minute winter	FC19	78	187.029	0.629	1.2	0.9202	0.0000	SURCHARGED
120 minute winter	FC20	78	187.577	0.627	1.2	0.9085	0.0000	SURCHARGED
120 minute winter	FC21	78	186.928	0.628	1.2	0.9203	0.0000	SURCHARGED
120 minute winter	FC22	86	186.594	0.144	0.9	1.3920	0.0000	SURCHARGED
120 minute winter	FC23	74	186.765	0.465	0.9	0.5821	0.0000	SURCHARGED
120 minute winter	FC24	78	186.928	0.627	1.2	0.9095	0.0000	SURCHARGED
120 minute winter	FC25	78	187.177	0.627	1.2	0.9086	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC18	19.000	J17	0.7	0.494	0.115	0.0096	
120 minute winter	FC18	Infiltration		0.0				0.0
120 minute winter	FC19	20.000	S3	0.8	0.514	0.133	0.0101	
120 minute winter	FC19	Infiltration		0.0				0.0
120 minute winter	FC20	21.000	J18	0.8	1.039	0.049	0.0033	
120 minute winter	FC20	Infiltration		0.0				0.0
120 minute winter	FC21	22.000	J19	0.8	0.515	0.133	0.0117	
120 minute winter	FC21	Infiltration		0.0				0.0
120 minute winter	FC22	23.000	S17	0.4	0.520	0.024	0.0131	
120 minute winter	FC22	Infiltration		0.0				0.0
120 minute winter	FC23	24.000	J20	0.7	0.871	0.051	0.0038	
120 minute winter	FC23	Infiltration		0.0				0.0
120 minute winter	FC24	25.000	J21	0.8	0.937	0.057	0.0043	
120 minute winter	FC24	Infiltration		0.0				0.0
120 minute winter	FC25	26.000	J22	0.8	1.032	0.050	0.0036	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC26	86	186.590	0.140	0.9	1.4099	0.0000	SURCHARGED
120 minute winter	FC27	74	186.964	0.464	0.9	0.5798	0.0000	SURCHARGED
120 minute winter	FC28	78	187.127	0.627	1.2	0.9086	0.0000	SURCHARGED
120 minute winter	FC29	78	187.126	0.626	1.2	0.9090	0.0000	SURCHARGED
120 minute winter	FC30	78	187.377	0.627	1.2	0.9094	0.0000	SURCHARGED
120 minute winter	FC31	74	186.917	0.467	0.9	0.5847	0.0000	SURCHARGED
120 minute winter	FC32	74	186.915	0.465	0.9	0.5822	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC25	Infiltration		0.0				0.0
120 minute winter	FC26	27.000	J23	0.4	0.724	0.027	0.0023	
120 minute winter	FC26	Infiltration		0.0				0.0
120 minute winter	FC27	28.000	J24	0.7	1.222	0.032	0.0182	
120 minute winter	FC27	Infiltration		0.0				0.0
120 minute winter	FC28	29.000	J25	0.8	1.037	0.049	0.0033	
120 minute winter	FC28	Infiltration		0.0				0.0
120 minute winter	FC29	30.000	J26	0.8	1.008	0.051	0.0037	
120 minute winter	FC29	Infiltration		0.0				0.0
120 minute winter	FC30	31.000	J27	0.8	0.967	0.054	0.0036	
120 minute winter	FC30	Infiltration		0.0				0.0
120 minute winter	FC31	33.000	J28	0.7	0.349	0.075	0.0132	
120 minute winter	FC31	Infiltration		0.0				0.0
120 minute winter	FC32	34.000	J29	0.7	0.294	0.054	0.0142	
120 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC33	78	187.078	0.628	1.2	0.9090	0.0000	SURCHARGED
120 minute winter	FC34	78	187.079	0.629	1.2	0.9197	0.0000	SURCHARGED
120 minute winter	FC35	78	187.077	0.627	1.2	0.9095	0.0000	SURCHARGED
120 minute winter	FC36	78	187.076	0.626	1.2	0.9092	0.0000	SURCHARGED
120 minute winter	FC37	84	186.467	0.667	1.7	1.7274	0.0000	SURCHARGED
120 minute winter	FC38	88	185.574	0.124	0.9	1.4857	0.0000	SURCHARGED
120 minute winter	FC39	74	185.915	0.465	0.9	0.5817	0.0000	SURCHARGED
120 minute winter	FC40	78	186.083	0.583	1.2	0.9272	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC33	35.000	S12	0.8	0.941	0.056	0.0104	
120 minute winter	FC33	Infiltration		0.0				0.0
120 minute winter	FC34	36.000	J30	0.8	0.528	0.127	0.0071	
120 minute winter	FC34	Infiltration		0.0				0.0
120 minute winter	FC35	37.000	J31	0.8	0.957	0.055	0.0042	
120 minute winter	FC35	Infiltration		0.0				0.0
120 minute winter	FC36	38.000	J32	0.8	1.004	0.052	0.0039	
120 minute winter	FC36	Infiltration		0.0				0.0
120 minute winter	FC37	39.000	J33	0.8	0.692	0.092	0.0077	
120 minute winter	FC37	Infiltration		0.0				0.0
120 minute winter	FC38	40.000	J34	0.3	0.682	0.027	0.0023	
120 minute winter	FC38	Infiltration		0.0				0.0
120 minute winter	FC39	41.000	J35	0.7	0.924	0.047	0.0033	
120 minute winter	FC39	Infiltration		0.0				0.0
120 minute winter	FC40	42.000	J36	0.8	1.168	0.040	0.0033	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC41	78	185.477	0.627	1.2	0.9127	0.0000	SURCHARGED
120 minute winter	FC42	78	185.227	0.627	1.2	0.9151	0.0000	SURCHARGED
120 minute winter	FC43	78	185.222	0.622	1.2	0.9143	0.0000	SURCHARGED
120 minute winter	FC44	62	184.620	0.020	0.9	0.0256	0.0000	OK
120 minute winter	FC45	74	185.066	0.465	0.9	0.5823	0.0000	SURCHARGED
120 minute winter	FC46	84	185.362	0.662	1.7	1.7392	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	78	185.427	0.627	1.2	0.9092	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC40	Infiltration		0.0				0.0
120 minute winter	FC41	43.000	J37	0.8	0.769	0.075	0.0052	
120 minute winter	FC41	Infiltration		0.0				0.0
120 minute winter	FC42	44.000	J38	0.8	0.670	0.091	0.0058	
120 minute winter	FC42	Infiltration		0.0				0.0
120 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
120 minute winter	FC43	Infiltration		0.0				0.0
120 minute winter	FC44	46.000	J40	0.9	0.805	0.084	0.0049	
120 minute winter	FC44	Infiltration		0.0				0.0
120 minute winter	FC45	47.000	S10	0.7	0.859	0.052	0.0036	
120 minute winter	FC45	Infiltration		0.0				0.0
120 minute winter	FC46	48.000	S20	0.8	0.506	0.136	0.0096	
120 minute winter	FC46	Infiltration		0.0				0.0
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
120 minute winter	FC48	50.000	J42	0.8	0.581	0.057	0.0086	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC49	78	185.428	0.628	1.2	0.9206	0.0000	SURCHARGED
120 minute winter	FC50	78	185.428	0.628	1.2	0.9205	0.0000	SURCHARGED
120 minute winter	FC51	78	185.477	0.627	1.2	0.9206	0.0000	SURCHARGED
120 minute winter	FC52	78	185.875	0.625	1.2	0.9135	0.0000	SURCHARGED
120 minute winter	FC53	78	185.878	0.628	1.2	0.9141	0.0000	SURCHARGED
120 minute winter	FC54	74	185.717	0.467	0.9	0.5837	0.0000	SURCHARGED
120 minute winter	FC55	74	185.715	0.465	0.9	0.5815	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC48	Infiltration		0.0				0.0
120 minute winter	FC49	51.000	S21	0.8	0.511	0.132	0.0067	
120 minute winter	FC49	Infiltration		0.0				0.0
120 minute winter	FC50	52.000	J43	0.8	0.511	0.133	0.0072	
120 minute winter	FC50	Infiltration		0.0				0.0
120 minute winter	FC51	55.000	S22	0.8	0.514	0.133	0.0094	
120 minute winter	FC51	Infiltration		0.0				0.0
120 minute winter	FC52	58.000	S23	0.8	0.749	0.078	0.0057	
120 minute winter	FC52	Infiltration		0.0				0.0
120 minute winter	FC53	61.000	J50	0.8	0.703	0.085	0.0048	
120 minute winter	FC53	Infiltration		0.0				0.0
120 minute winter	FC54	62.000	J51	0.7	0.747	0.063	0.0036	
120 minute winter	FC54	Infiltration		0.0				0.0
120 minute winter	FC55	64.000	J53	0.7	0.944	0.045	0.0030	
120 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC56	74	185.815	0.465	0.9	0.5812	0.0000	SURCHARGED
120 minute winter	FC57	74	185.815	0.465	0.9	0.5817	0.0000	SURCHARGED
120 minute winter	FC58	74	185.815	0.465	0.9	0.5821	0.0000	SURCHARGED
120 minute winter	FC59	74	185.816	0.466	0.9	0.5828	0.0000	SURCHARGED
120 minute winter	FC60	78	185.978	0.628	1.2	0.9111	0.0000	SURCHARGED
120 minute winter	FC61	78	185.928	0.628	1.2	0.9146	0.0000	SURCHARGED
120 minute winter	FC62	84	185.909	0.659	1.7	1.7352	0.0000	SURCHARGED
120 minute winter	FC63	74	185.871	0.471	0.9	0.5889	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC56	53.000	J44	0.7	0.975	0.044	0.0046	
120 minute winter	FC56	Infiltration		0.0				0.0
120 minute winter	FC57	54.000	J45	0.7	0.915	0.048	0.0048	
120 minute winter	FC57	Infiltration		0.0				0.0
120 minute winter	FC58	56.000	J46	0.7	0.880	0.051	0.0048	
120 minute winter	FC58	Infiltration		0.0				0.0
120 minute winter	FC59	57.000	J47	0.7	0.815	0.056	0.0053	
120 minute winter	FC59	Infiltration		0.0				0.0
120 minute winter	FC60	59.000	J48	0.8	0.842	0.067	0.0062	
120 minute winter	FC60	Infiltration		0.0				0.0
120 minute winter	FC61	60.000	J49	0.8	0.675	0.091	0.0086	
120 minute winter	FC61	Infiltration		0.0				0.0
120 minute winter	FC62	63.000	J52	0.8	0.626	0.105	0.0121	
120 minute winter	FC62	Infiltration		0.0				0.0
120 minute winter	FC63	65.000	S26	0.7	0.410	0.114	0.0049	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC64	74	185.636	0.486	0.9	0.6075	0.0000	SURCHARGED
120 minute winter	FC65	78	185.778	0.628	1.2	0.9127	0.0000	SURCHARGED
120 minute winter	FC66	78	185.629	0.628	1.2	0.9183	0.0000	SURCHARGED
120 minute winter	FC67	86	184.940	0.140	0.9	1.4352	0.0000	SURCHARGED
120 minute winter	FC68	74	185.018	0.468	0.9	0.5856	0.0000	SURCHARGED
120 minute winter	J1	64	188.270	0.070	5.9	0.1027	0.0000	OK
120 minute winter	J2	64	188.146	0.090	6.6	0.1017	0.0000	OK
120 minute winter	J3	64	188.129	0.079	7.4	0.0896	0.0000	OK
120 minute winter	J4	64	188.095	0.056	8.0	0.0636	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC63	Infiltration		0.0				0.0
120 minute winter	FC64	66.000	J54	0.7	0.264	0.117	0.0099	
120 minute winter	FC64	Infiltration		0.0				0.0
120 minute winter	FC65	67.000	J55	0.8	0.363	0.081	0.0066	
120 minute winter	FC65	Infiltration		0.0				0.0
120 minute winter	FC66	68.000	S24	0.8	0.573	0.109	0.0029	
120 minute winter	FC66	Infiltration		0.0				0.0
120 minute winter	FC67	69.000	J56	0.4	0.400	0.060	0.0019	
120 minute winter	FC67	Infiltration		0.0				0.0
120 minute winter	FC68	70.000	J57	0.7	0.646	0.075	0.0024	
120 minute winter	FC68	Infiltration		0.0				0.0
120 minute winter	J1	1.001	J2	5.9	1.078	0.714	0.0276	
120 minute winter	J2	1.002	J3	6.6	0.650	0.495	0.0106	
120 minute winter	J3	1.003	J4	7.4	0.962	0.559	0.0151	
120 minute winter	J4	1.004	J5	8.0	1.435	0.235	0.0198	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J5	66	187.960	0.050	8.8	0.0568	0.0000	OK
120 minute winter	J6	66	187.723	0.073	9.4	0.0823	0.0000	OK
120 minute winter	J7	66	187.610	0.085	10.0	0.0958	0.0000	OK
120 minute winter	J8	66	187.574	0.053	10.7	0.0595	0.0000	OK
120 minute winter	J9	66	187.365	0.090	11.4	0.1015	0.0000	OK
120 minute winter	J10	66	187.323	0.053	12.2	0.0601	0.0000	OK
120 minute winter	J11	68	187.197	0.076	13.0	0.0863	0.0000	OK
120 minute winter	J12	66	186.904	0.095	20.0	0.1070	0.0000	OK
120 minute winter	J13	66	186.775	0.148	20.3	0.1671	0.0000	OK
120 minute winter	J14	66	186.759	0.137	20.9	0.1555	0.0000	OK
120 minute winter	J15	66	186.738	0.121	21.5	0.1369	0.0000	OK
120 minute winter	J16	68	186.700	0.095	22.1	0.1071	0.0000	OK
120 minute winter	J17	68	186.355	0.072	22.8	0.0813	0.0000	OK
120 minute winter	J18	68	186.224	0.099	26.7	0.1115	0.0000	OK
120 minute winter	J19	68	186.177	0.150	27.4	0.1701	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J5	1.005	J6	8.8	1.291	0.229	0.0387	
120 minute winter	J6	1.006	J7	9.4	1.257	0.330	0.0147	
120 minute winter	J7	1.007	J8	10.0	1.010	0.326	0.0117	
120 minute winter	J8	1.008	J9	10.8	1.001	0.121	0.0922	
120 minute winter	J9	1.009	J10	11.4	1.054	0.342	0.0132	
120 minute winter	J10	1.010	J11	12.2	1.298	0.094	0.0232	
120 minute winter	J11	1.011	S2	13.0	0.713	0.201	0.0991	
120 minute winter	J12	1.013	J13	20.0	1.365	0.298	0.0946	
120 minute winter	J13	1.014	J14	20.3	0.614	0.358	0.0626	
120 minute winter	J14	1.015	J15	20.9	0.720	0.371	0.0556	
120 minute winter	J15	1.016	J16	21.5	0.945	0.403	0.1170	
120 minute winter	J16	1.017	J17	22.1	1.308	0.155	0.0570	
120 minute winter	J17	1.018	S3	22.8	1.090	0.073	0.0401	
120 minute winter	J18	1.020	J19	26.7	0.966	0.093	0.0413	
120 minute winter	J19	1.021	S4	27.4	0.863	0.498	0.1398	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J20	64	186.099	0.068	4.4	0.0766	0.0000	OK
120 minute winter	J21	66	186.078	0.069	5.1	0.0785	0.0000	OK
120 minute winter	J22	134	186.074	0.111	5.9	0.1259	0.0000	OK
120 minute winter	J23	134	186.074	0.132	6.2	0.1497	0.0000	OK
120 minute winter	J24	132	186.074	0.257	10.2	0.2908	0.0000	SURCHARGED
120 minute winter	J25	132	186.074	0.278	11.0	0.3146	0.0000	SURCHARGED
120 minute winter	J26	132	186.074	0.295	11.7	0.3338	0.0000	SURCHARGED
120 minute winter	J27	132	186.074	0.338	15.9	0.3824	0.0000	SURCHARGED
120 minute winter	J28	64	186.420	0.064	4.0	0.0722	0.0000	OK
120 minute winter	J29	66	186.344	0.073	4.6	0.0822	0.0000	OK
120 minute winter	J30	66	186.250	0.102	9.4	0.1159	0.0000	OK
120 minute winter	J31	66	186.140	0.096	10.2	0.1087	0.0000	OK
120 minute winter	J32	66	186.100	0.089	11.0	0.1005	0.0000	OK
120 minute winter	J33	66	185.593	0.058	15.1	0.0652	0.0000	OK
120 minute winter	J34	66	185.239	0.114	19.1	0.1291	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J20	23.002	J21	4.4	0.561	0.326	0.0296	
120 minute winter	J21	23.003	J22	5.1	0.589	0.383	0.0857	
120 minute winter	J22	23.004	J23	5.9	0.634	0.436	0.0547	
120 minute winter	J23	23.005	S18	6.2	0.716	0.463	0.1277	
120 minute winter	J24	23.007	J25	10.2	0.502	0.340	0.2458	
120 minute winter	J25	23.008	J26	11.0	0.501	0.363	0.1975	
120 minute winter	J26	23.009	S19	11.7	0.521	0.384	0.1474	
120 minute winter	J27	23.011	S4	15.9	0.795	0.532	0.0951	
120 minute winter	J28	32.001	J29	4.0	0.702	0.675	0.0502	
120 minute winter	J29	32.002	S12	4.6	0.794	0.774	0.0269	
120 minute winter	J30	32.004	J31	9.4	0.792	0.711	0.0592	
120 minute winter	J31	32.005	J32	10.2	0.664	0.339	0.1497	
120 minute winter	J32	32.006	S13	11.0	0.952	0.364	0.0615	
120 minute winter	J33	32.008	S14	15.1	1.094	0.145	0.1267	
120 minute winter	J34	32.010	J35	19.1	1.182	0.494	0.1460	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J35	66	185.153	0.078	19.7	0.0880	0.0000	OK
120 minute winter	J36	66	184.996	0.121	20.5	0.1365	0.0000	OK
120 minute winter	J37	66	184.623	0.123	24.9	0.1391	0.0000	OK
120 minute winter	J38	66	184.468	0.168	29.4	0.1904	0.0000	OK
120 minute winter	J39	66	184.427	0.153	30.2	0.1728	0.0000	OK
120 minute winter	J40	66	184.391	0.126	31.1	0.1429	0.0000	OK
120 minute winter	J41	86	184.622	0.025	0.8	0.0282	0.0000	OK
120 minute winter	J42	82	184.574	0.037	1.6	0.0416	0.0000	OK
120 minute winter	J43	68	184.460	0.080	5.3	0.0906	0.0000	OK
120 minute winter	J44	68	184.446	0.076	6.0	0.0856	0.0000	OK
120 minute winter	J45	68	184.403	0.083	6.6	0.0938	0.0000	OK
120 minute winter	J46	68	184.358	0.136	10.2	0.1536	0.0000	OK
120 minute winter	J47	68	184.352	0.145	10.8	0.1641	0.0000	OK
120 minute winter	J48	68	184.338	0.144	14.5	0.1628	0.0000	OK
120 minute winter	J49	70	184.324	0.155	15.3	0.1755	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J35	32.011	J36	19.7	1.168	0.221	0.1163	
120 minute winter	J36	32.012	S15	20.5	1.151	0.682	0.0422	
120 minute winter	J37	32.014	S16	24.9	1.193	0.452	0.1092	
120 minute winter	J38	32.016	J39	29.4	0.766	0.544	0.4151	
120 minute winter	J39	32.017	J40	30.2	0.940	0.552	0.1174	
120 minute winter	J40	32.018	S10	31.1	1.181	0.312	0.2520	
120 minute winter	J41	48.002	J42	0.8	0.442	0.136	0.0128	
120 minute winter	J42	48.003	S21	1.6	0.625	0.271	0.0209	
120 minute winter	J43	48.005	J44	5.3	0.576	0.380	0.0148	
120 minute winter	J44	48.006	J45	5.9	0.629	0.446	0.0829	
120 minute winter	J45	48.007	S22	6.6	0.710	0.485	0.0221	
120 minute winter	J46	48.009	J47	10.2	0.393	0.330	0.1098	
120 minute winter	J47	48.010	S23	10.8	0.394	0.358	0.0724	
120 minute winter	J48	48.012	J49	14.5	0.519	0.485	0.2086	
120 minute winter	J49	48.013	J50	15.3	0.534	0.498	0.0324	

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J50	70	184.314	0.149	16.0	0.1688	0.0000	OK
120 minute winter	J51	70	184.299	0.151	16.7	0.1706	0.0000	OK
120 minute winter	J52	70	184.285	0.140	17.5	0.1589	0.0000	OK
120 minute winter	J53	70	184.258	0.131	18.1	0.1482	0.0000	OK
120 minute winter	J54	64	185.196	0.067	4.0	0.0753	0.0000	OK
120 minute winter	J55	66	185.155	0.061	4.7	0.0691	0.0000	OK
120 minute winter	J56	68	184.178	0.171	26.4	0.1929	0.0000	OK
120 minute winter	J57	68	184.153	0.168	27.0	0.1901	0.0000	OK
120 minute winter	BASIN 1	132	186.074	1.149	46.0	144.8780	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.846	0.546	3.8	55.2343	0.0000	OK
120 minute winter	BASIN 3	360	182.992	-0.108	40.6	145.7732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J50	48.014	J51	16.0	0.571	0.536	0.1427	
120 minute winter	J51	48.015	J52	16.7	0.614	0.544	0.0308	
120 minute winter	J52	48.016	J53	17.5	0.699	0.573	0.1220	
120 minute winter	J53	48.017	S24	18.2	0.833	0.602	0.2235	
120 minute winter	J54	65.002	J55	4.0	0.755	0.672	0.0192	
120 minute winter	J55	65.003	S24	4.7	0.982	0.621	0.0378	
120 minute winter	J56	48.019	J57	26.4	0.644	0.487	0.3723	
120 minute winter	J57	48.020	S25	27.0	0.695	0.495	0.2387	
120 minute winter	BASIN 1	1.023	S5	3.7	0.276	0.045	0.9418	
120 minute winter	BASIN 1	Infiltration		0.1				2.1
120 minute winter	BASIN 2	1.027	S7	3.1	0.537	0.038	0.1301	
120 minute winter	BASIN 2	71.000	BH1	2.0	0.613	0.339	0.1829	
120 minute winter	BASIN 2	Infiltration		0.0				0.0
120 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
120 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	BASIN 4	190	183.744	0.414	33.7	122.0033	0.0000	SURCHARGED
120 minute winter	SWALE 1	134	184.929	0.054	3.7	0.0780	0.0000	OK
120 minute winter	SWALE 2	360	184.425	0.050	3.1	0.0711	0.0000	OK
120 minute winter	SWALE 3	66	184.135	0.139	35.4	0.1996	0.0000	OK
120 minute winter	BH1	360	184.846	0.769	2.0	3.0325	0.0000	OK
120 minute winter	BH2	2	183.083	0.000	0.0	0.0000	0.0000	OK
120 minute winter	BH3	190	183.744	0.425	3.1	3.5909	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	BASIN 4	48.022	BH3	3.1	0.613	0.058	0.3211	
120 minute winter	BASIN 4	Infiltration		0.0				0.0
120 minute winter	SWALE 1	1.025	S6	3.7	0.387	0.045	0.3602	
120 minute winter	SWALE 2	1.029	S8	3.1	0.515	0.038	0.1600	
120 minute winter	SWALE 3	1.033	BASIN 3	35.4	0.973	0.283	1.5706	
120 minute winter	BH1	Infiltration		0.1				1.7
120 minute winter	BH2	Infiltration		0.0				0.0
120 minute winter	BH3	Infiltration		0.2				3.5

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.409	0.039	2.8	0.0573	0.0000	OK
180 minute summer	S2	96	187.179	0.140	20.0	0.2414	0.0000	OK
180 minute summer	S3	96	186.271	0.134	26.8	0.1777	0.0000	OK
180 minute summer	S4	188	186.142	0.764	47.6	0.9799	0.0000	SURCHARGED
180 minute summer	S5	188	186.142	1.232	3.8	1.7634	0.0000	SURCHARGED
180 minute summer	S6	360	184.862	0.054	3.8	0.0766	0.0000	OK
180 minute summer	S7	380	184.787	0.028	3.4	0.0396	0.0000	OK
180 minute summer	S8	380	184.360	0.030	3.4	0.0424	0.0000	OK
180 minute summer	S9	96	184.220	0.095	3.4	0.1354	0.0000	OK
180 minute summer	S10	96	184.220	0.107	37.3	0.1940	0.0000	OK
180 minute summer	S11	96	186.463	0.063	3.6	0.0990	0.0000	OK
180 minute summer	S12	96	186.283	0.107	9.2	0.1585	0.0000	OK
180 minute summer	S13	96	186.055	0.062	14.9	0.0931	0.0000	OK
180 minute summer	S14	96	185.291	0.116	19.8	0.1834	0.0000	OK
180 minute summer	S15	96	184.956	0.089	25.4	0.1392	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S1	1.000	J1	2.8	0.624	0.321	0.0369	
180 minute summer	S2	1.012	J12	20.0	0.855	0.670	0.0349	
180 minute summer	S3	1.019	J18	26.8	1.051	0.503	0.1311	
180 minute summer	S4	1.022	BASIN 1	46.3	1.115	0.276	1.1778	
180 minute summer	S5	1.024	SWALE 1	3.8	0.379	0.046	0.2039	
180 minute summer	S6	1.026	BASIN 2	3.8	0.468	0.044	0.0530	
180 minute summer	S7	1.028	SWALE 2	3.4	0.546	0.011	0.1057	
180 minute summer	S8	1.030	S9	3.4	0.576	0.013	0.1308	
180 minute summer	S9	1.031	S10	3.4	0.611	0.040	0.1587	
180 minute summer	S10	1.032	SWALE 3	37.2	1.161	0.113	0.1403	
180 minute summer	S11	32.000	J28	3.6	0.678	0.605	0.0243	
180 minute summer	S12	32.003	J30	9.1	0.684	0.684	0.0679	
180 minute summer	S13	32.007	J33	14.9	1.735	0.152	0.1117	
180 minute summer	S14	32.009	J34	19.7	0.948	0.389	0.1091	
180 minute summer	S15	32.013	J37	25.4	1.870	0.275	0.1269	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.570	0.083	30.2	0.1264	0.0000	OK
180 minute summer	S17	96	186.216	0.066	4.1	0.1043	0.0000	OK
180 minute summer	S18	188	186.142	0.318	10.2	0.4705	0.0000	SURCHARGED
180 minute summer	S19	188	186.142	0.376	16.0	0.5423	0.0000	SURCHARGED
180 minute summer	S20	112	184.668	0.026	0.8	0.0292	0.0000	OK
180 minute summer	S21	96	184.480	0.071	4.8	0.0943	0.0000	OK
180 minute summer	S22	96	184.365	0.134	9.9	0.1738	0.0000	OK
180 minute summer	S23	96	184.349	0.151	14.2	0.1941	0.0000	OK
180 minute summer	S24	96	184.197	0.180	26.7	0.2364	0.0000	OK
180 minute summer	S25	96	184.130	0.159	30.4	0.2205	0.0000	OK
180 minute summer	S26	96	185.418	0.041	3.6	0.0602	0.0000	OK
180 minute summer	FC1	108	188.876	0.626	1.3	0.8903	0.0000	SURCHARGED
180 minute summer	FC2	108	188.776	0.626	1.3	0.8914	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S16	32.015	J38	30.2	1.052	0.095	0.0670	
180 minute summer	S17	23.001	J20	4.1	0.785	0.692	0.0374	
180 minute summer	S18	23.006	J24	10.2	0.497	0.320	0.0729	
180 minute summer	S19	23.010	J27	16.0	0.686	0.534	0.3541	
180 minute summer	S20	48.001	J41	0.8	0.516	0.135	0.0072	
180 minute summer	S21	48.004	J43	4.7	0.530	0.356	0.0458	
180 minute summer	S22	48.008	J46	9.9	0.404	0.313	0.0610	
180 minute summer	S23	48.011	J48	14.2	0.513	0.460	0.0311	
180 minute summer	S24	48.018	J56	26.7	0.620	0.498	0.1825	
180 minute summer	S25	48.021	BASIN 4	30.3	0.888	0.569	0.1315	
180 minute summer	S26	65.001	J54	3.6	0.830	0.348	0.0374	
180 minute summer	FC1	2.000	J1	0.8	0.362	0.127	0.0180	
180 minute summer	FC1	Infiltration		0.0				0.0
180 minute summer	FC2	3.000	J2	0.8	0.512	0.132	0.0105	
180 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC3	112	188.850	0.650	1.8	1.6246	0.0000	SURCHARGED
180 minute summer	FC4	104	188.659	0.459	1.0	0.5741	0.0000	SURCHARGED
180 minute summer	FC5	108	188.626	0.626	1.3	0.8924	0.0000	SURCHARGED
180 minute summer	FC6	104	188.308	0.458	1.0	0.5725	0.0000	SURCHARGED
180 minute summer	FC7	104	188.209	0.459	1.0	0.5746	0.0000	SURCHARGED
180 minute summer	FC8	108	188.376	0.626	1.3	0.8854	0.0000	SURCHARGED
180 minute summer	FC9	104	187.931	0.461	1.0	0.5765	0.0000	SURCHARGED
180 minute summer	FC10	112	188.127	0.657	1.8	1.6205	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC3	4.000	J3	0.8	0.540	0.128	0.0167	
180 minute summer	FC3	Infiltration		0.0				0.0
180 minute summer	FC4	5.000	J4	0.7	0.580	0.090	0.0085	
180 minute summer	FC4	Infiltration		0.0				0.0
180 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
180 minute summer	FC5	Infiltration		0.0				0.0
180 minute summer	FC6	7.000	J6	0.7	0.646	0.077	0.0090	
180 minute summer	FC6	Infiltration		0.0				0.0
180 minute summer	FC7	8.000	J7	0.7	0.561	0.094	0.0087	
180 minute summer	FC7	Infiltration		0.0				0.0
180 minute summer	FC8	9.000	J8	0.8	0.718	0.082	0.0046	
180 minute summer	FC8	Infiltration		0.0				0.0
180 minute summer	FC9	10.000	J9	0.7	0.495	0.112	0.0098	
180 minute summer	FC9	Infiltration		0.0				0.0
180 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC11	108	187.947	0.627	1.3	0.8917	0.0000	SURCHARGED
180 minute summer	FC12	108	187.857	0.627	1.3	0.8917	0.0000	SURCHARGED
180 minute summer	FC13	108	187.627	0.627	1.3	0.8917	0.0000	SURCHARGED
180 minute summer	FC14	120	187.063	0.163	1.3	2.0769	0.0000	SURCHARGED
180 minute summer	FC15	104	187.654	0.454	1.0	0.5683	0.0000	SURCHARGED
180 minute summer	FC16	104	187.360	0.460	1.0	0.5758	0.0000	SURCHARGED
180 minute summer	FC17	104	187.456	0.456	1.0	0.5702	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC10	Infiltration		0.0				0.0
180 minute summer	FC11	12.000	J11	0.8	0.515	0.133	0.0118	
180 minute summer	FC11	Infiltration		0.0				0.0
180 minute summer	FC12	13.000	S2	0.8	0.515	0.133	0.0105	
180 minute summer	FC12	Infiltration		0.0				0.0
180 minute summer	FC13	14.000	J12	0.8	0.516	0.132	0.0104	
180 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.4	0.422	0.065	0.0069	
180 minute summer	FC14	Infiltration		0.0				0.0
180 minute summer	FC15	16.000	J14	0.7	1.047	0.039	0.0030	
180 minute summer	FC15	Infiltration		0.0				0.0
180 minute summer	FC16	17.000	J15	0.7	0.517	0.106	0.0098	
180 minute summer	FC16	Infiltration		0.0				0.0
180 minute summer	FC17	18.000	J16	0.7	0.819	0.055	0.0039	
180 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC18	104	187.011	0.461	1.0	0.5766	0.0000	SURCHARGED
180 minute summer	FC19	108	187.027	0.627	1.3	0.8918	0.0000	SURCHARGED
180 minute summer	FC20	108	187.575	0.625	1.3	0.8803	0.0000	SURCHARGED
180 minute summer	FC21	108	186.926	0.626	1.3	0.8919	0.0000	SURCHARGED
180 minute summer	FC22	112	186.589	0.139	1.0	1.3423	0.0000	SURCHARGED
180 minute summer	FC23	104	186.755	0.455	1.0	0.5696	0.0000	SURCHARGED
180 minute summer	FC24	108	186.925	0.625	1.3	0.8812	0.0000	SURCHARGED
180 minute summer	FC25	108	187.175	0.625	1.3	0.8804	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC18	19.000	J17	0.7	0.492	0.113	0.0095	
180 minute summer	FC18	Infiltration		0.0				0.0
180 minute summer	FC19	20.000	S3	0.8	0.513	0.133	0.0101	
180 minute summer	FC19	Infiltration		0.0				0.0
180 minute summer	FC20	21.000	J18	0.8	1.039	0.049	0.0033	
180 minute summer	FC20	Infiltration		0.0				0.0
180 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0116	
180 minute summer	FC21	Infiltration		0.0				0.0
180 minute summer	FC22	23.000	S17	0.4	0.477	0.024	0.0139	
180 minute summer	FC22	Infiltration		0.0				0.0
180 minute summer	FC23	24.000	J20	0.7	0.868	0.050	0.0119	
180 minute summer	FC23	Infiltration		0.0				0.0
180 minute summer	FC24	25.000	J21	0.8	0.937	0.057	0.0167	
180 minute summer	FC24	Infiltration		0.0				0.0
180 minute summer	FC25	26.000	J22	0.8	1.031	0.050	0.0036	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC26	112	186.585	0.135	1.0	1.3592	0.0000	SURCHARGED
180 minute summer	FC27	104	186.954	0.454	1.0	0.5676	0.0000	SURCHARGED
180 minute summer	FC28	108	187.125	0.625	1.3	0.8804	0.0000	SURCHARGED
180 minute summer	FC29	108	187.125	0.625	1.3	0.8808	0.0000	SURCHARGED
180 minute summer	FC30	108	187.375	0.625	1.3	0.8811	0.0000	SURCHARGED
180 minute summer	FC31	104	186.907	0.457	1.0	0.5721	0.0000	SURCHARGED
180 minute summer	FC32	104	186.905	0.455	1.0	0.5697	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC25	Infiltration		0.0				0.0
180 minute summer	FC26	27.000	J23	0.4	0.720	0.027	0.0023	
180 minute summer	FC26	Infiltration		0.0				0.0
180 minute summer	FC27	28.000	J24	0.7	1.218	0.031	0.0183	
180 minute summer	FC27	Infiltration		0.0				0.0
180 minute summer	FC28	29.000	J25	0.8	1.037	0.049	0.0033	
180 minute summer	FC28	Infiltration		0.0				0.0
180 minute summer	FC29	30.000	J26	0.8	1.008	0.051	0.0037	
180 minute summer	FC29	Infiltration		0.0				0.0
180 minute summer	FC30	31.000	J27	0.8	0.966	0.054	0.0036	
180 minute summer	FC30	Infiltration		0.0				0.0
180 minute summer	FC31	33.000	J28	0.7	0.341	0.074	0.0137	
180 minute summer	FC31	Infiltration		0.0				0.0
180 minute summer	FC32	34.000	J29	0.7	0.289	0.053	0.0147	
180 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC33	108	187.076	0.626	1.3	0.8808	0.0000	SURCHARGED
180 minute summer	FC34	108	187.076	0.626	1.3	0.8914	0.0000	SURCHARGED
180 minute summer	FC35	108	187.075	0.625	1.3	0.8812	0.0000	SURCHARGED
180 minute summer	FC36	108	187.074	0.624	1.3	0.8809	0.0000	SURCHARGED
180 minute summer	FC37	112	186.461	0.661	1.8	1.6124	0.0000	SURCHARGED
180 minute summer	FC38	116	185.570	0.120	1.0	1.4357	0.0000	SURCHARGED
180 minute summer	FC39	104	185.905	0.455	1.0	0.5693	0.0000	SURCHARGED
180 minute summer	FC40	108	186.081	0.581	1.3	0.8975	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC33	35.000	S12	0.8	0.934	0.056	0.0112	
180 minute summer	FC33	Infiltration		0.0				0.0
180 minute summer	FC34	36.000	J30	0.8	0.527	0.127	0.0071	
180 minute summer	FC34	Infiltration		0.0				0.0
180 minute summer	FC35	37.000	J31	0.8	0.957	0.055	0.0042	
180 minute summer	FC35	Infiltration		0.0				0.0
180 minute summer	FC36	38.000	J32	0.8	1.004	0.052	0.0039	
180 minute summer	FC36	Infiltration		0.0				0.0
180 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077	
180 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.3	0.678	0.027	0.0023	
180 minute summer	FC38	Infiltration		0.0				0.0
180 minute summer	FC39	41.000	J35	0.7	0.921	0.046	0.0032	
180 minute summer	FC39	Infiltration		0.0				0.0
180 minute summer	FC40	42.000	J36	0.8	1.168	0.040	0.0033	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC41	108	185.475	0.625	1.3	0.8844	0.0000	SURCHARGED
180 minute summer	FC42	108	185.225	0.625	1.3	0.8867	0.0000	SURCHARGED
180 minute summer	FC43	108	185.221	0.621	1.3	0.8857	0.0000	SURCHARGED
180 minute summer	FC44	96	184.622	0.022	1.0	0.0270	0.0000	OK
180 minute summer	FC45	104	185.056	0.456	1.0	0.5698	0.0000	SURCHARGED
180 minute summer	FC46	112	185.357	0.657	1.8	1.6227	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	108	185.425	0.625	1.3	0.8810	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC40	Infiltration		0.0				0.0
180 minute summer	FC41	43.000	J37	0.8	0.769	0.075	0.0052	
180 minute summer	FC41	Infiltration		0.0				0.0
180 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0058	
180 minute summer	FC42	Infiltration		0.0				0.0
180 minute summer	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
180 minute summer	FC43	Infiltration		0.0				0.0
180 minute summer	FC44	46.000	J40	1.0	0.829	0.094	0.0053	
180 minute summer	FC44	Infiltration		0.0				0.0
180 minute summer	FC45	47.000	S10	0.7	0.857	0.051	0.0036	
180 minute summer	FC45	Infiltration		0.0				0.0
180 minute summer	FC46	48.000	S20	0.8	0.505	0.135	0.0095	
180 minute summer	FC46	Infiltration		0.0				0.0
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
180 minute summer	FC48	50.000	J42	0.8	0.477	0.056	0.0086	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC49	108	185.426	0.626	1.3	0.8922	0.0000	SURCHARGED
180 minute summer	FC50	108	185.426	0.626	1.3	0.8922	0.0000	SURCHARGED
180 minute summer	FC51	108	185.476	0.625	1.3	0.8921	0.0000	SURCHARGED
180 minute summer	FC52	108	185.874	0.624	1.3	0.8851	0.0000	SURCHARGED
180 minute summer	FC53	108	185.876	0.626	1.3	0.8857	0.0000	SURCHARGED
180 minute summer	FC54	104	185.707	0.457	1.0	0.5712	0.0000	SURCHARGED
180 minute summer	FC55	104	185.705	0.455	1.0	0.5691	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC48	Infiltration		0.0				0.0
180 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
180 minute summer	FC49	Infiltration		0.0				0.0
180 minute summer	FC50	52.000	J43	0.8	0.511	0.132	0.0072	
180 minute summer	FC50	Infiltration		0.0				0.0
180 minute summer	FC51	55.000	S22	0.8	0.514	0.132	0.0094	
180 minute summer	FC51	Infiltration		0.0				0.0
180 minute summer	FC52	58.000	S23	0.8	0.748	0.078	0.0057	
180 minute summer	FC52	Infiltration		0.0				0.0
180 minute summer	FC53	61.000	J50	0.8	0.703	0.085	0.0048	
180 minute summer	FC53	Infiltration		0.0				0.0
180 minute summer	FC54	62.000	J51	0.7	0.745	0.062	0.0036	
180 minute summer	FC54	Infiltration		0.0				0.0
180 minute summer	FC55	64.000	J53	0.7	0.941	0.045	0.0030	
180 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC56	104	185.805	0.455	1.0	0.5688	0.0000	SURCHARGED
180 minute summer	FC57	104	185.805	0.455	1.0	0.5693	0.0000	SURCHARGED
180 minute summer	FC58	104	185.805	0.455	1.0	0.5696	0.0000	SURCHARGED
180 minute summer	FC59	104	185.806	0.456	1.0	0.5703	0.0000	SURCHARGED
180 minute summer	FC60	108	185.976	0.626	1.3	0.8828	0.0000	SURCHARGED
180 minute summer	FC61	108	185.926	0.626	1.3	0.8863	0.0000	SURCHARGED
180 minute summer	FC62	112	185.904	0.654	1.8	1.6187	0.0000	SURCHARGED
180 minute summer	FC63	104	185.861	0.461	1.0	0.5761	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC56	53.000	J44	0.7	0.972	0.043	0.0045	
180 minute summer	FC56	Infiltration		0.0				0.0
180 minute summer	FC57	54.000	J45	0.7	0.912	0.047	0.0048	
180 minute summer	FC57	Infiltration		0.0				0.0
180 minute summer	FC58	56.000	J46	0.7	0.877	0.050	0.0047	
180 minute summer	FC58	Infiltration		0.0				0.0
180 minute summer	FC59	57.000	J47	0.7	0.812	0.056	0.0053	
180 minute summer	FC59	Infiltration		0.0				0.0
180 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062	
180 minute summer	FC60	Infiltration		0.0				0.0
180 minute summer	FC61	60.000	J49	0.8	0.675	0.091	0.0086	
180 minute summer	FC61	Infiltration		0.0				0.0
180 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121	
180 minute summer	FC62	Infiltration		0.0				0.0
180 minute summer	FC63	65.000	S26	0.7	0.400	0.113	0.0051	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC64	104	185.625	0.475	1.0	0.5948	0.0000	SURCHARGED
180 minute summer	FC65	108	185.776	0.626	1.3	0.8844	0.0000	SURCHARGED
180 minute summer	FC66	108	185.626	0.626	1.3	0.8899	0.0000	SURCHARGED
180 minute summer	FC67	116	184.935	0.135	1.0	1.3837	0.0000	SURCHARGED
180 minute summer	FC68	104	185.008	0.458	1.0	0.5730	0.0000	SURCHARGED
180 minute summer	J1	96	188.274	0.074	6.3	0.1082	0.0000	OK
180 minute summer	J2	96	188.149	0.093	7.1	0.1053	0.0000	OK
180 minute summer	J3	96	188.132	0.082	7.9	0.0924	0.0000	OK
180 minute summer	J4	96	188.097	0.058	8.5	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC63	Infiltration		0.0				0.0
180 minute summer	FC64	66.000	J54	0.7	0.259	0.116	0.0105	
180 minute summer	FC64	Infiltration		0.0				0.0
180 minute summer	FC65	67.000	J55	0.8	0.359	0.081	0.0068	
180 minute summer	FC65	Infiltration		0.0				0.0
180 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029	
180 minute summer	FC66	Infiltration		0.0				0.0
180 minute summer	FC67	69.000	J56	0.3	0.398	0.059	0.0018	
180 minute summer	FC67	Infiltration		0.0				0.0
180 minute summer	FC68	70.000	J57	0.7	0.644	0.074	0.0024	
180 minute summer	FC68	Infiltration		0.0				0.0
180 minute summer	J1	1.001	J2	6.3	1.090	0.764	0.0291	
180 minute summer	J2	1.002	J3	7.1	0.664	0.526	0.0111	
180 minute summer	J3	1.003	J4	7.8	0.977	0.591	0.0157	
180 minute summer	J4	1.004	J5	8.5	1.452	0.248	0.0206	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J5	96	187.962	0.052	9.2	0.0584	0.0000	OK
180 minute summer	J6	96	187.725	0.075	9.8	0.0845	0.0000	OK
180 minute summer	J7	96	187.611	0.086	10.4	0.0976	0.0000	OK
180 minute summer	J8	96	187.575	0.054	10.7	0.0605	0.0000	OK
180 minute summer	J9	96	187.366	0.091	11.7	0.1030	0.0000	OK
180 minute summer	J10	96	187.324	0.054	12.5	0.0611	0.0000	OK
180 minute summer	J11	100	187.199	0.078	13.2	0.0877	0.0000	OK
180 minute summer	J12	96	186.906	0.097	20.7	0.1095	0.0000	OK
180 minute summer	J13	96	186.778	0.151	21.0	0.1704	0.0000	OK
180 minute summer	J14	96	186.762	0.140	21.6	0.1583	0.0000	OK
180 minute summer	J15	96	186.740	0.123	22.2	0.1392	0.0000	OK
180 minute summer	J16	96	186.701	0.096	22.8	0.1088	0.0000	OK
180 minute summer	J17	96	186.356	0.073	23.4	0.0830	0.0000	OK
180 minute summer	J18	96	186.226	0.101	27.5	0.1140	0.0000	OK
180 minute summer	J19	96	186.180	0.153	28.2	0.1727	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J5	1.005	J6	9.2	1.305	0.240	0.0401	
180 minute summer	J6	1.006	J7	9.8	1.269	0.344	0.0152	
180 minute summer	J7	1.007	J8	10.1	1.014	0.328	0.0120	
180 minute summer	J8	1.008	J9	11.1	1.012	0.125	0.0942	
180 minute summer	J9	1.009	J10	11.7	1.060	0.351	0.0134	
180 minute summer	J10	1.010	J11	12.5	1.304	0.097	0.0237	
180 minute summer	J11	1.011	S2	13.2	0.714	0.206	0.1016	
180 minute summer	J12	1.013	J13	20.7	1.377	0.309	0.0974	
180 minute summer	J13	1.014	J14	21.0	0.622	0.371	0.0641	
180 minute summer	J14	1.015	J15	21.6	0.728	0.384	0.0569	
180 minute summer	J15	1.016	J16	22.2	0.953	0.416	0.1197	
180 minute summer	J16	1.017	J17	22.8	1.317	0.160	0.0582	
180 minute summer	J17	1.018	S3	23.4	1.094	0.075	0.0412	
180 minute summer	J18	1.020	J19	27.5	0.972	0.096	0.0423	
180 minute summer	J19	1.021	S4	28.2	0.870	0.511	0.1425	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J20	188	186.143	0.111	4.7	0.1261	0.0000	OK
180 minute summer	J21	188	186.143	0.133	5.5	0.1510	0.0000	OK
180 minute summer	J22	188	186.143	0.179	6.2	0.2030	0.0000	SURCHARGED
180 minute summer	J23	188	186.143	0.200	6.5	0.2267	0.0000	SURCHARGED
180 minute summer	J24	188	186.142	0.325	10.8	0.3679	0.0000	SURCHARGED
180 minute summer	J25	188	186.142	0.346	11.6	0.3917	0.0000	SURCHARGED
180 minute summer	J26	188	186.142	0.363	12.3	0.4109	0.0000	SURCHARGED
180 minute summer	J27	188	186.142	0.406	16.7	0.4596	0.0000	SURCHARGED
180 minute summer	J28	96	186.422	0.066	4.2	0.0749	0.0000	OK
180 minute summer	J29	96	186.347	0.076	4.8	0.0854	0.0000	OK
180 minute summer	J30	96	186.253	0.106	9.9	0.1194	0.0000	OK
180 minute summer	J31	96	186.142	0.098	10.6	0.1110	0.0000	OK
180 minute summer	J32	96	186.101	0.090	11.3	0.1023	0.0000	OK
180 minute summer	J33	96	185.594	0.059	15.7	0.0665	0.0000	OK
180 minute summer	J34	96	185.242	0.117	20.0	0.1327	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J20	23.002	J21	4.7	0.570	0.349	0.0578	
180 minute summer	J21	23.003	J22	5.4	0.597	0.406	0.1369	
180 minute summer	J22	23.004	J23	6.2	0.642	0.456	0.0633	
180 minute summer	J23	23.005	S18	6.4	0.722	0.481	0.1321	
180 minute summer	J24	23.007	J25	10.8	0.506	0.359	0.2458	
180 minute summer	J25	23.008	J26	11.5	0.504	0.381	0.1975	
180 minute summer	J26	23.009	S19	12.2	0.524	0.400	0.1474	
180 minute summer	J27	23.011	S4	16.7	0.807	0.560	0.0951	
180 minute summer	J28	32.001	J29	4.2	0.711	0.710	0.0523	
180 minute summer	J29	32.002	S12	4.8	0.799	0.810	0.0280	
180 minute summer	J30	32.004	J31	9.9	0.802	0.743	0.0611	
180 minute summer	J31	32.005	J32	10.6	0.672	0.352	0.1535	
180 minute summer	J32	32.006	S13	11.3	0.957	0.376	0.0631	
180 minute summer	J33	32.008	S14	15.7	1.097	0.151	0.1315	
180 minute summer	J34	32.010	J35	20.0	1.195	0.519	0.1515	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J35	96	185.155	0.080	20.6	0.0906	0.0000	OK
180 minute summer	J36	96	184.999	0.124	21.3	0.1400	0.0000	OK
180 minute summer	J37	96	184.626	0.126	26.1	0.1429	0.0000	OK
180 minute summer	J38	96	184.474	0.174	31.0	0.1963	0.0000	OK
180 minute summer	J39	96	184.431	0.157	31.7	0.1778	0.0000	OK
180 minute summer	J40	96	184.395	0.130	32.6	0.1469	0.0000	OK
180 minute summer	J41	112	184.622	0.025	0.8	0.0281	0.0000	OK
180 minute summer	J42	112	184.574	0.037	1.6	0.0416	0.0000	OK
180 minute summer	J43	96	184.461	0.081	5.5	0.0921	0.0000	OK
180 minute summer	J44	96	184.447	0.077	6.1	0.0867	0.0000	OK
180 minute summer	J45	96	184.404	0.084	6.7	0.0945	0.0000	OK
180 minute summer	J46	96	184.360	0.138	10.5	0.1559	0.0000	OK
180 minute summer	J47	96	184.354	0.147	11.0	0.1663	0.0000	OK
180 minute summer	J48	100	184.340	0.146	14.9	0.1650	0.0000	OK
180 minute summer	J49	100	184.326	0.157	15.6	0.1778	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J35	32.011	J36	20.6	1.180	0.231	0.1203	
180 minute summer	J36	32.012	S15	21.3	1.159	0.711	0.0437	
180 minute summer	J37	32.014	S16	26.1	1.197	0.473	0.1141	
180 minute summer	J38	32.016	J39	30.9	0.777	0.572	0.4305	
180 minute summer	J39	32.017	J40	31.6	0.950	0.578	0.1217	
180 minute summer	J40	32.018	S10	32.6	1.194	0.327	0.2611	
180 minute summer	J41	48.002	J42	0.8	0.433	0.135	0.0128	
180 minute summer	J42	48.003	S21	1.6	0.625	0.270	0.0208	
180 minute summer	J43	48.005	J44	5.5	0.581	0.392	0.0151	
180 minute summer	J44	48.006	J45	6.1	0.634	0.454	0.0840	
180 minute summer	J45	48.007	S22	6.7	0.712	0.491	0.0223	
180 minute summer	J46	48.009	J47	10.4	0.395	0.338	0.1116	
180 minute summer	J47	48.010	S23	11.0	0.394	0.364	0.0735	
180 minute summer	J48	48.012	J49	14.9	0.525	0.497	0.2117	
180 minute summer	J49	48.013	J50	15.5	0.540	0.507	0.0329	

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J50	100	184.316	0.151	16.3	0.1710	0.0000	OK
180 minute summer	J51	100	184.301	0.153	17.0	0.1726	0.0000	OK
180 minute summer	J52	100	184.286	0.142	17.8	0.1607	0.0000	OK
180 minute summer	J53	100	184.259	0.132	18.5	0.1498	0.0000	OK
180 minute summer	J54	96	185.198	0.069	4.2	0.0782	0.0000	OK
180 minute summer	J55	96	185.157	0.063	4.9	0.0711	0.0000	OK
180 minute summer	J56	96	184.180	0.173	27.0	0.1952	0.0000	OK
180 minute summer	J57	100	184.155	0.170	27.6	0.1923	0.0000	OK
180 minute summer	BASIN 1	188	186.142	1.217	48.1	156.0407	0.0000	SURCHARGED
180 minute summer	BASIN 2	380	184.848	0.548	3.9	55.4148	0.0000	OK
180 minute summer	BASIN 3	420	183.059	-0.041	42.8	171.9568	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J50	48.014	J51	16.3	0.575	0.546	0.1447	
180 minute summer	J51	48.015	J52	17.0	0.617	0.554	0.0313	
180 minute summer	J52	48.016	J53	17.8	0.702	0.584	0.1236	
180 minute summer	J53	48.017	S24	18.5	0.838	0.613	0.2264	
180 minute summer	J54	65.002	J55	4.2	0.765	0.708	0.0199	
180 minute summer	J55	65.003	S24	4.9	0.990	0.646	0.0390	
180 minute summer	J56	48.019	J57	26.9	0.647	0.496	0.3776	
180 minute summer	J57	48.020	S25	27.6	0.699	0.506	0.2422	
180 minute summer	BASIN 1	1.023	S5	3.8	0.223	0.046	0.9418	
180 minute summer	BASIN 1	Infiltration		0.1				2.4
180 minute summer	BASIN 2	1.027	S7	3.4	0.550	0.040	0.1363	
180 minute summer	BASIN 2	71.000	BH1	1.4	0.580	0.238	0.1829	
180 minute summer	BASIN 2	Infiltration		0.0				0.0
180 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	BASIN 4	232	183.786	0.456	34.9	134.9465	0.0000	SURCHARGED
180 minute summer	SWALE 1	188	184.929	0.055	3.8	0.0791	0.0000	OK
180 minute summer	SWALE 2	380	184.426	0.051	3.4	0.0734	0.0000	OK
180 minute summer	SWALE 3	96	184.138	0.143	37.2	0.2048	0.0000	OK
180 minute summer	BH1	380	184.848	0.771	1.4	3.0370	0.0000	OK
180 minute summer	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute summer	BH3	232	183.786	0.467	1.9	3.7843	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	BASIN 4	48.022	BH3	1.9	0.518	0.035	0.3211	
180 minute summer	BASIN 4	Infiltration		0.0				0.0
180 minute summer	SWALE 1	1.025	S6	3.8	0.390	0.046	0.3678	
180 minute summer	SWALE 2	1.029	S8	3.4	0.527	0.040	0.1678	
180 minute summer	SWALE 3	1.033	BASIN 3	37.0	0.984	0.296	1.6241	
180 minute summer	BH1	Infiltration		0.1				2.0
180 minute summer	BH2	Infiltration		0.0				0.0
180 minute summer	BH3	Infiltration		0.2				4.1

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.402	0.032	1.9	0.0467	0.0000	OK
180 minute winter	S2	100	187.161	0.122	15.8	0.2109	0.0000	OK
180 minute winter	S3	100	186.255	0.118	21.5	0.1566	0.0000	OK
180 minute winter	S4	184	186.152	0.774	37.4	0.9924	0.0000	SURCHARGED
180 minute winter	S5	184	186.152	1.242	3.8	1.7767	0.0000	SURCHARGED
180 minute winter	S6	356	184.862	0.054	3.8	0.0768	0.0000	OK
180 minute winter	S7	376	184.787	0.028	3.4	0.0397	0.0000	OK
180 minute winter	S8	380	184.360	0.030	3.4	0.0425	0.0000	OK
180 minute winter	S9	96	184.202	0.077	3.4	0.1100	0.0000	OK
180 minute winter	S10	96	184.202	0.089	28.2	0.1617	0.0000	OK
180 minute winter	S11	96	186.450	0.050	2.5	0.0778	0.0000	OK
180 minute winter	S12	96	186.263	0.087	6.7	0.1280	0.0000	OK
180 minute winter	S13	96	186.046	0.053	11.2	0.0799	0.0000	OK
180 minute winter	S14	96	185.273	0.098	14.9	0.1537	0.0000	OK
180 minute winter	S15	96	184.942	0.075	19.2	0.1185	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S1	1.000	J1	1.9	0.571	0.218	0.0279	
180 minute winter	S2	1.012	J12	15.7	0.792	0.527	0.0297	
180 minute winter	S3	1.019	J18	21.5	1.022	0.404	0.1084	
180 minute winter	S4	1.022	BASIN 1	36.9	1.186	0.220	1.1778	
180 minute winter	S5	1.024	SWALE 1	3.8	0.380	0.046	0.2045	
180 minute winter	S6	1.026	BASIN 2	3.8	0.468	0.044	0.0532	
180 minute winter	S7	1.028	SWALE 2	3.4	0.547	0.011	0.1060	
180 minute winter	S8	1.030	S9	3.4	0.577	0.013	0.0973	
180 minute winter	S9	1.031	S10	3.4	0.612	0.040	0.1207	
180 minute winter	S10	1.032	SWALE 3	28.1	1.103	0.085	0.1118	
180 minute winter	S11	32.000	J28	2.5	0.619	0.420	0.0184	
180 minute winter	S12	32.003	J30	6.7	0.635	0.505	0.0539	
180 minute winter	S13	32.007	J33	11.2	1.599	0.114	0.0911	
180 minute winter	S14	32.009	J34	14.9	0.884	0.293	0.0881	
180 minute winter	S15	32.013	J37	19.2	1.745	0.208	0.1028	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	96	184.554	0.067	22.8	0.1016	0.0000	OK
180 minute winter	S17	96	186.202	0.052	2.9	0.0829	0.0000	OK
180 minute winter	S18	184	186.152	0.328	7.6	0.4842	0.0000	SURCHARGED
180 minute winter	S19	184	186.152	0.386	12.1	0.5556	0.0000	SURCHARGED
180 minute winter	S20	116	184.668	0.026	0.8	0.0290	0.0000	OK
180 minute winter	S21	96	184.470	0.061	3.8	0.0815	0.0000	OK
180 minute winter	S22	100	184.344	0.113	7.9	0.1466	0.0000	OK
180 minute winter	S23	100	184.328	0.130	11.3	0.1675	0.0000	OK
180 minute winter	S24	100	184.176	0.159	21.8	0.2087	0.0000	OK
180 minute winter	S25	100	184.113	0.143	24.7	0.1971	0.0000	OK
180 minute winter	S26	96	185.412	0.035	2.6	0.0509	0.0000	OK
180 minute winter	FC1	108	188.778	0.528	0.9	0.6816	0.0000	SURCHARGED
180 minute winter	FC2	108	188.679	0.529	0.9	0.6828	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S16	32.015	J38	22.8	1.013	0.072	0.0530	
180 minute winter	S17	23.001	J20	2.9	0.727	0.488	0.0285	
180 minute winter	S18	23.006	J24	7.6	0.474	0.238	0.0729	
180 minute winter	S19	23.010	J27	12.1	0.634	0.403	0.3541	
180 minute winter	S20	48.001	J41	0.8	0.514	0.133	0.0071	
180 minute winter	S21	48.004	J43	3.8	0.504	0.285	0.0385	
180 minute winter	S22	48.008	J46	7.9	0.400	0.251	0.0496	
180 minute winter	S23	48.011	J48	11.3	0.490	0.367	0.0261	
180 minute winter	S24	48.018	J56	21.8	0.591	0.408	0.1567	
180 minute winter	S25	48.021	BASIN 4	24.7	0.833	0.463	0.1140	
180 minute winter	S26	65.001	J54	2.6	0.756	0.255	0.0300	
180 minute winter	FC1	2.000	J1	0.7	0.326	0.116	0.0142	
180 minute winter	FC1	Infiltration		0.0				0.0
180 minute winter	FC2	3.000	J2	0.7	0.500	0.121	0.0074	
180 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC3	116	188.837	0.637	1.3	1.2820	0.0000	SURCHARGED
180 minute winter	FC4	108	188.555	0.355	0.7	0.4437	0.0000	SURCHARGED
180 minute winter	FC5	108	188.529	0.529	0.9	0.6831	0.0000	SURCHARGED
180 minute winter	FC6	108	188.204	0.354	0.7	0.4423	0.0000	SURCHARGED
180 minute winter	FC7	108	188.105	0.355	0.7	0.4442	0.0000	SURCHARGED
180 minute winter	FC8	108	188.275	0.525	0.9	0.6775	0.0000	SURCHARGED
180 minute winter	FC9	108	187.827	0.357	0.7	0.4462	0.0000	SURCHARGED
180 minute winter	FC10	116	188.110	0.640	1.3	1.2788	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC3	4.000	J3	0.8	0.539	0.127	0.0138	
180 minute winter	FC3	Infiltration		0.0				0.0
180 minute winter	FC4	5.000	J4	0.6	0.558	0.079	0.0077	
180 minute winter	FC4	Infiltration		0.0				0.0
180 minute winter	FC5	6.000	J5	0.7	0.498	0.121	0.0060	
180 minute winter	FC5	Infiltration		0.0				0.0
180 minute winter	FC6	7.000	J6	0.6	0.622	0.067	0.0069	
180 minute winter	FC6	Infiltration		0.0				0.0
180 minute winter	FC7	8.000	J7	0.6	0.540	0.082	0.0079	
180 minute winter	FC7	Infiltration		0.0				0.0
180 minute winter	FC8	9.000	J8	0.7	0.700	0.075	0.0043	
180 minute winter	FC8	Infiltration		0.0				0.0
180 minute winter	FC9	10.000	J9	0.6	0.477	0.098	0.0089	
180 minute winter	FC9	Infiltration		0.0				0.0
180 minute winter	FC10	11.000	J10	0.8	0.559	0.120	0.0089	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC11	108	187.849	0.529	0.9	0.6827	0.0000	SURCHARGED
180 minute winter	FC12	108	187.759	0.529	0.9	0.6828	0.0000	SURCHARGED
180 minute winter	FC13	108	187.529	0.529	0.9	0.6827	0.0000	SURCHARGED
180 minute winter	FC14	128	187.056	0.156	0.9	1.9925	0.0000	SURCHARGED
180 minute winter	FC15	108	187.550	0.350	0.7	0.4373	0.0000	SURCHARGED
180 minute winter	FC16	108	187.256	0.356	0.7	0.4455	0.0000	SURCHARGED
180 minute winter	FC17	108	187.351	0.351	0.7	0.4395	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC10	Infiltration		0.0				0.0
180 minute winter	FC11	12.000	J11	0.7	0.503	0.122	0.0111	
180 minute winter	FC11	Infiltration		0.0				0.0
180 minute winter	FC12	13.000	S2	0.7	0.502	0.122	0.0098	
180 minute winter	FC12	Infiltration		0.0				0.0
180 minute winter	FC13	14.000	J12	0.7	0.504	0.121	0.0098	
180 minute winter	FC13	Infiltration		0.0				0.0
180 minute winter	FC14	15.000	J13	0.4	0.419	0.063	0.0068	
180 minute winter	FC14	Infiltration		0.0				0.0
180 minute winter	FC15	16.000	J14	0.6	1.007	0.034	0.0027	
180 minute winter	FC15	Infiltration		0.0				0.0
180 minute winter	FC16	17.000	J15	0.6	0.498	0.093	0.0089	
180 minute winter	FC16	Infiltration		0.0				0.0
180 minute winter	FC17	18.000	J16	0.6	0.788	0.048	0.0036	
180 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC18	108	186.907	0.357	0.7	0.4463	0.0000	SURCHARGED
180 minute winter	FC19	108	186.929	0.529	0.9	0.6828	0.0000	SURCHARGED
180 minute winter	FC20	108	187.471	0.521	0.9	0.6731	0.0000	SURCHARGED
180 minute winter	FC21	108	186.829	0.529	0.9	0.6827	0.0000	SURCHARGED
180 minute winter	FC22	124	186.580	0.130	0.7	1.2621	0.0000	SURCHARGED
180 minute winter	FC23	108	186.651	0.351	0.7	0.4389	0.0000	SURCHARGED
180 minute winter	FC24	108	186.822	0.522	0.9	0.6741	0.0000	SURCHARGED
180 minute winter	FC25	108	187.071	0.521	0.9	0.6732	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC18	19.000	J17	0.6	0.474	0.099	0.0086	
180 minute winter	FC18	Infiltration		0.0				0.0
180 minute winter	FC19	20.000	S3	0.7	0.501	0.122	0.0095	
180 minute winter	FC19	Infiltration		0.0				0.0
180 minute winter	FC20	21.000	J18	0.7	1.011	0.045	0.0031	
180 minute winter	FC20	Infiltration		0.0				0.0
180 minute winter	FC21	22.000	J19	0.7	0.502	0.122	0.0109	
180 minute winter	FC21	Infiltration		0.0				0.0
180 minute winter	FC22	23.000	S17	0.3	0.485	0.023	0.0108	
180 minute winter	FC22	Infiltration		0.0				0.0
180 minute winter	FC23	24.000	J20	0.6	0.835	0.044	0.0139	
180 minute winter	FC23	Infiltration		0.0				0.0
180 minute winter	FC24	25.000	J21	0.7	0.913	0.052	0.0181	
180 minute winter	FC24	Infiltration		0.0				0.0
180 minute winter	FC25	26.000	J22	0.7	1.003	0.045	0.0034	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC26	124	186.577	0.127	0.7	1.2826	0.0000	SURCHARGED
180 minute winter	FC27	108	186.849	0.349	0.7	0.4364	0.0000	SURCHARGED
180 minute winter	FC28	108	187.021	0.521	0.9	0.6731	0.0000	SURCHARGED
180 minute winter	FC29	108	187.022	0.522	0.9	0.6734	0.0000	SURCHARGED
180 minute winter	FC30	108	187.272	0.522	0.9	0.6738	0.0000	SURCHARGED
180 minute winter	FC31	108	186.803	0.353	0.7	0.4416	0.0000	SURCHARGED
180 minute winter	FC32	108	186.801	0.351	0.7	0.4389	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC25	Infiltration		0.0				0.0
180 minute winter	FC26	27.000	J23	0.3	0.714	0.026	0.0022	
180 minute winter	FC26	Infiltration		0.0				0.0
180 minute winter	FC27	28.000	J24	0.6	1.171	0.027	0.0183	
180 minute winter	FC27	Infiltration		0.0				0.0
180 minute winter	FC28	29.000	J25	0.7	1.009	0.045	0.0031	
180 minute winter	FC28	Infiltration		0.0				0.0
180 minute winter	FC29	30.000	J26	0.7	0.982	0.047	0.0035	
180 minute winter	FC29	Infiltration		0.0				0.0
180 minute winter	FC30	31.000	J27	0.7	0.942	0.050	0.0034	
180 minute winter	FC30	Infiltration		0.0				0.0
180 minute winter	FC31	33.000	J28	0.6	0.307	0.065	0.0108	
180 minute winter	FC31	Infiltration		0.0				0.0
180 minute winter	FC32	34.000	J29	0.6	0.264	0.046	0.0118	
180 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC33	108	186.972	0.522	0.9	0.6736	0.0000	SURCHARGED
180 minute winter	FC34	108	186.979	0.529	0.9	0.6824	0.0000	SURCHARGED
180 minute winter	FC35	108	186.972	0.522	0.9	0.6739	0.0000	SURCHARGED
180 minute winter	FC36	108	186.972	0.522	0.9	0.6734	0.0000	SURCHARGED
180 minute winter	FC37	116	186.443	0.643	1.3	1.2711	0.0000	SURCHARGED
180 minute winter	FC38	124	185.564	0.114	0.7	1.3699	0.0000	SURCHARGED
180 minute winter	FC39	108	185.800	0.350	0.7	0.4384	0.0000	SURCHARGED
180 minute winter	FC40	108	186.021	0.521	0.9	0.6720	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC33	35.000	S12	0.7	0.902	0.051	0.0068	
180 minute winter	FC33	Infiltration		0.0				0.0
180 minute winter	FC34	36.000	J30	0.7	0.515	0.116	0.0067	
180 minute winter	FC34	Infiltration		0.0				0.0
180 minute winter	FC35	37.000	J31	0.7	0.933	0.050	0.0040	
180 minute winter	FC35	Infiltration		0.0				0.0
180 minute winter	FC36	38.000	J32	0.7	0.978	0.047	0.0037	
180 minute winter	FC36	Infiltration		0.0				0.0
180 minute winter	FC37	39.000	J33	0.8	0.688	0.090	0.0076	
180 minute winter	FC37	Infiltration		0.0				0.0
180 minute winter	FC38	40.000	J34	0.3	0.673	0.026	0.0023	
180 minute winter	FC38	Infiltration		0.0				0.0
180 minute winter	FC39	41.000	J35	0.6	0.885	0.041	0.0029	
180 minute winter	FC39	Infiltration		0.0				0.0
180 minute winter	FC40	42.000	J36	0.7	1.149	0.038	0.0032	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC41	108	185.374	0.524	0.9	0.6765	0.0000	SURCHARGED
180 minute winter	FC42	108	185.126	0.526	0.9	0.6784	0.0000	SURCHARGED
180 minute winter	FC43	108	185.124	0.524	0.9	0.6767	0.0000	SURCHARGED
180 minute winter	FC44	92	184.618	0.018	0.7	0.0225	0.0000	OK
180 minute winter	FC45	108	184.951	0.351	0.7	0.4390	0.0000	SURCHARGED
180 minute winter	FC46	116	185.341	0.641	1.3	1.2813	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	108	185.322	0.522	0.9	0.6737	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC40	Infiltration		0.0				0.0
180 minute winter	FC41	43.000	J37	0.7	0.749	0.068	0.0048	
180 minute winter	FC41	Infiltration		0.0				0.0
180 minute winter	FC42	44.000	J38	0.7	0.653	0.083	0.0054	
180 minute winter	FC42	Infiltration		0.0				0.0
180 minute winter	FC43	45.000	J39	0.7	0.740	0.069	0.0042	
180 minute winter	FC43	Infiltration		0.0				0.0
180 minute winter	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
180 minute winter	FC44	Infiltration		0.0				0.0
180 minute winter	FC45	47.000	S10	0.6	0.824	0.045	0.0033	
180 minute winter	FC45	Infiltration		0.0				0.0
180 minute winter	FC46	48.000	S20	0.8	0.504	0.134	0.0094	
180 minute winter	FC46	Infiltration		0.0				0.0
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
180 minute winter	FC48	50.000	J42	0.7	0.482	0.051	0.0082	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC49	108	185.329	0.529	0.9	0.6830	0.0000	SURCHARGED
180 minute winter	FC50	108	185.329	0.529	0.9	0.6830	0.0000	SURCHARGED
180 minute winter	FC51	108	185.379	0.529	0.9	0.6828	0.0000	SURCHARGED
180 minute winter	FC52	108	185.774	0.524	0.9	0.6768	0.0000	SURCHARGED
180 minute winter	FC53	108	185.775	0.525	0.9	0.6777	0.0000	SURCHARGED
180 minute winter	FC54	108	185.602	0.352	0.7	0.4406	0.0000	SURCHARGED
180 minute winter	FC55	108	185.600	0.350	0.7	0.4382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC48	Infiltration		0.0				0.0
180 minute winter	FC49	51.000	S21	0.7	0.498	0.121	0.0063	
180 minute winter	FC49	Infiltration		0.0				0.0
180 minute winter	FC50	52.000	J43	0.7	0.499	0.121	0.0067	
180 minute winter	FC50	Infiltration		0.0				0.0
180 minute winter	FC51	55.000	S22	0.7	0.502	0.121	0.0088	
180 minute winter	FC51	Infiltration		0.0				0.0
180 minute winter	FC52	58.000	S23	0.7	0.729	0.071	0.0054	
180 minute winter	FC52	Infiltration		0.0				0.0
180 minute winter	FC53	61.000	J50	0.7	0.685	0.077	0.0045	
180 minute winter	FC53	Infiltration		0.0				0.0
180 minute winter	FC54	62.000	J51	0.6	0.717	0.054	0.0032	
180 minute winter	FC54	Infiltration		0.0				0.0
180 minute winter	FC55	64.000	J53	0.6	0.905	0.039	0.0027	
180 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC56	108	185.700	0.350	0.7	0.4379	0.0000	SURCHARGED
180 minute winter	FC57	108	185.700	0.350	0.7	0.4384	0.0000	SURCHARGED
180 minute winter	FC58	108	185.701	0.351	0.7	0.4388	0.0000	SURCHARGED
180 minute winter	FC59	108	185.701	0.351	0.7	0.4395	0.0000	SURCHARGED
180 minute winter	FC60	108	185.873	0.523	0.9	0.6753	0.0000	SURCHARGED
180 minute winter	FC61	108	185.825	0.525	0.9	0.6782	0.0000	SURCHARGED
180 minute winter	FC62	116	185.889	0.639	1.3	1.2762	0.0000	SURCHARGED
180 minute winter	FC63	108	185.756	0.356	0.7	0.4459	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC56	53.000	J44	0.6	0.934	0.038	0.0041	
180 minute winter	FC56	Infiltration		0.0				0.0
180 minute winter	FC57	54.000	J45	0.6	0.877	0.041	0.0043	
180 minute winter	FC57	Infiltration		0.0				0.0
180 minute winter	FC58	56.000	J46	0.6	0.843	0.044	0.0043	
180 minute winter	FC58	Infiltration		0.0				0.0
180 minute winter	FC59	57.000	J47	0.6	0.782	0.049	0.0048	
180 minute winter	FC59	Infiltration		0.0				0.0
180 minute winter	FC60	59.000	J48	0.7	0.820	0.061	0.0058	
180 minute winter	FC60	Infiltration		0.0				0.0
180 minute winter	FC61	60.000	J49	0.7	0.658	0.083	0.0081	
180 minute winter	FC61	Infiltration		0.0				0.0
180 minute winter	FC62	63.000	J52	0.8	0.624	0.104	0.0120	
180 minute winter	FC62	Infiltration		0.0				0.0
180 minute winter	FC63	65.000	S26	0.6	0.368	0.099	0.0043	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC64	108	185.518	0.368	0.7	0.4601	0.0000	SURCHARGED
180 minute winter	FC65	108	185.674	0.524	0.9	0.6767	0.0000	SURCHARGED
180 minute winter	FC66	108	185.528	0.528	0.9	0.6812	0.0000	SURCHARGED
180 minute winter	FC67	124	184.928	0.128	0.7	1.3133	0.0000	SURCHARGED
180 minute winter	FC68	108	184.904	0.354	0.7	0.4425	0.0000	SURCHARGED
180 minute winter	J1	100	188.258	0.057	4.5	0.0845	0.0000	OK
180 minute winter	J2	100	188.134	0.078	5.2	0.0886	0.0000	OK
180 minute winter	J3	100	188.120	0.070	6.0	0.0794	0.0000	OK
180 minute winter	J4	100	188.089	0.050	6.5	0.0564	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC63	Infiltration		0.0				0.0
180 minute winter	FC64	66.000	J54	0.6	0.242	0.100	0.0079	
180 minute winter	FC64	Infiltration		0.0				0.0
180 minute winter	FC65	67.000	J55	0.7	0.334	0.074	0.0057	
180 minute winter	FC65	Infiltration		0.0				0.0
180 minute winter	FC66	68.000	S24	0.7	0.560	0.100	0.0027	
180 minute winter	FC66	Infiltration		0.0				0.0
180 minute winter	FC67	69.000	J56	0.3	0.395	0.057	0.0018	
180 minute winter	FC67	Infiltration		0.0				0.0
180 minute winter	FC68	70.000	J57	0.6	0.621	0.065	0.0022	
180 minute winter	FC68	Infiltration		0.0				0.0
180 minute winter	J1	1.001	J2	4.5	1.019	0.541	0.0221	
180 minute winter	J2	1.002	J3	5.2	0.596	0.385	0.0090	
180 minute winter	J3	1.003	J4	6.0	0.906	0.449	0.0129	
180 minute winter	J4	1.004	J5	6.5	1.369	0.191	0.0169	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J5	100	187.955	0.045	7.2	0.0508	0.0000	OK
180 minute winter	J6	100	187.715	0.065	7.8	0.0734	0.0000	OK
180 minute winter	J7	100	187.602	0.077	8.4	0.0871	0.0000	OK
180 minute winter	J8	100	187.569	0.048	9.1	0.0545	0.0000	OK
180 minute winter	J9	100	187.357	0.082	9.6	0.0925	0.0000	OK
180 minute winter	J10	100	187.318	0.048	10.4	0.0545	0.0000	OK
180 minute winter	J11	100	187.190	0.069	11.1	0.0778	0.0000	OK
180 minute winter	J12	100	186.893	0.084	16.4	0.0955	0.0000	OK
180 minute winter	J13	100	186.760	0.133	16.8	0.1506	0.0000	OK
180 minute winter	J14	100	186.746	0.124	17.3	0.1406	0.0000	OK
180 minute winter	J15	100	186.727	0.110	17.9	0.1242	0.0000	OK
180 minute winter	J16	100	186.690	0.085	18.5	0.0966	0.0000	OK
180 minute winter	J17	100	186.346	0.063	19.0	0.0712	0.0000	OK
180 minute winter	J18	100	186.211	0.086	22.2	0.0970	0.0000	OK
180 minute winter	J19	100	186.163	0.136	22.9	0.1540	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J5	1.005	J6	7.2	1.238	0.189	0.0333	
180 minute winter	J6	1.006	J7	7.8	1.204	0.274	0.0127	
180 minute winter	J7	1.007	J8	8.5	0.939	0.275	0.0103	
180 minute winter	J8	1.008	J9	9.0	0.953	0.102	0.0814	
180 minute winter	J9	1.009	J10	9.6	1.012	0.288	0.0116	
180 minute winter	J10	1.010	J11	10.4	1.271	0.080	0.0201	
180 minute winter	J11	1.011	S2	11.1	0.694	0.172	0.0864	
180 minute winter	J12	1.013	J13	16.4	1.302	0.245	0.0817	
180 minute winter	J13	1.014	J14	16.8	0.581	0.296	0.0547	
180 minute winter	J14	1.015	J15	17.3	0.681	0.308	0.0488	
180 minute winter	J15	1.016	J16	17.9	0.901	0.336	0.1021	
180 minute winter	J16	1.017	J17	18.5	1.250	0.130	0.0497	
180 minute winter	J17	1.018	S3	19.0	1.069	0.061	0.0343	
180 minute winter	J18	1.020	J19	22.2	0.937	0.077	0.0355	
180 minute winter	J19	1.021	S4	22.9	0.817	0.415	0.1295	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J20	184	186.152	0.121	3.4	0.1366	0.0000	OK
180 minute winter	J21	184	186.152	0.143	4.1	0.1615	0.0000	OK
180 minute winter	J22	184	186.152	0.189	4.8	0.2135	0.0000	SURCHARGED
180 minute winter	J23	188	186.153	0.211	5.1	0.2388	0.0000	SURCHARGED
180 minute winter	J24	184	186.152	0.335	8.2	0.3784	0.0000	SURCHARGED
180 minute winter	J25	188	186.153	0.357	8.9	0.4037	0.0000	SURCHARGED
180 minute winter	J26	188	186.152	0.373	9.6	0.4215	0.0000	SURCHARGED
180 minute winter	J27	184	186.152	0.416	12.8	0.4708	0.0000	SURCHARGED
180 minute winter	J28	96	186.409	0.053	3.0	0.0602	0.0000	OK
180 minute winter	J29	96	186.332	0.061	3.6	0.0689	0.0000	OK
180 minute winter	J30	96	186.235	0.088	7.4	0.0992	0.0000	OK
180 minute winter	J31	100	186.128	0.084	8.1	0.0954	0.0000	OK
180 minute winter	J32	100	186.090	0.079	8.8	0.0895	0.0000	OK
180 minute winter	J33	96	185.586	0.051	12.0	0.0581	0.0000	OK
180 minute winter	J34	96	185.225	0.100	15.1	0.1136	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J20	23.002	J21	3.4	0.530	0.254	0.0614	
180 minute winter	J21	23.003	J22	4.1	0.559	0.305	0.1399	
180 minute winter	J22	23.004	J23	4.8	0.604	0.354	0.0633	
180 minute winter	J23	23.005	S18	5.1	0.683	0.380	0.1321	
180 minute winter	J24	23.007	J25	8.2	0.488	0.271	0.2458	
180 minute winter	J25	23.008	J26	8.9	0.486	0.293	0.1975	
180 minute winter	J26	23.009	S19	9.6	0.505	0.313	0.1474	
180 minute winter	J27	23.011	S4	12.8	0.744	0.428	0.0951	
180 minute winter	J28	32.001	J29	3.0	0.659	0.514	0.0408	
180 minute winter	J29	32.002	S12	3.6	0.754	0.604	0.0221	
180 minute winter	J30	32.004	J31	7.4	0.736	0.557	0.0500	
180 minute winter	J31	32.005	J32	8.1	0.620	0.268	0.1268	
180 minute winter	J32	32.006	S13	8.8	0.899	0.291	0.0520	
180 minute winter	J33	32.008	S14	12.0	1.052	0.115	0.1058	
180 minute winter	J34	32.010	J35	15.1	1.122	0.392	0.1223	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J35	96	185.142	0.067	15.7	0.0762	0.0000	OK
180 minute winter	J36	96	184.982	0.107	16.3	0.1205	0.0000	OK
180 minute winter	J37	96	184.609	0.109	19.9	0.1232	0.0000	OK
180 minute winter	J38	96	184.447	0.147	23.4	0.1662	0.0000	OK
180 minute winter	J39	96	184.408	0.134	24.1	0.1514	0.0000	OK
180 minute winter	J40	96	184.376	0.111	24.7	0.1254	0.0000	OK
180 minute winter	J41	116	184.622	0.025	0.8	0.0279	0.0000	OK
180 minute winter	J42	108	184.573	0.036	1.5	0.0404	0.0000	OK
180 minute winter	J43	100	184.452	0.072	4.5	0.0812	0.0000	OK
180 minute winter	J44	100	184.438	0.068	5.0	0.0771	0.0000	OK
180 minute winter	J45	104	184.395	0.075	5.6	0.0850	0.0000	OK
180 minute winter	J46	100	184.339	0.117	8.5	0.1323	0.0000	OK
180 minute winter	J47	100	184.333	0.126	9.0	0.1428	0.0000	OK
180 minute winter	J48	100	184.320	0.126	12.0	0.1420	0.0000	OK
180 minute winter	J49	104	184.307	0.138	12.7	0.1559	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J35	32.011	J36	15.7	1.107	0.176	0.0978	
180 minute winter	J36	32.012	S15	16.3	1.089	0.544	0.0357	
180 minute winter	J37	32.014	S16	19.9	1.161	0.360	0.0899	
180 minute winter	J38	32.016	J39	23.4	0.723	0.433	0.3499	
180 minute winter	J39	32.017	J40	24.0	0.891	0.439	0.0988	
180 minute winter	J40	32.018	S10	24.7	1.114	0.248	0.2125	
180 minute winter	J41	48.002	J42	0.8	0.428	0.134	0.0125	
180 minute winter	J42	48.003	S21	1.5	0.616	0.256	0.0200	
180 minute winter	J43	48.005	J44	4.5	0.556	0.320	0.0129	
180 minute winter	J44	48.006	J45	5.0	0.606	0.377	0.0729	
180 minute winter	J45	48.007	S22	5.6	0.683	0.413	0.0195	
180 minute winter	J46	48.009	J47	8.5	0.389	0.275	0.0922	
180 minute winter	J47	48.010	S23	9.0	0.387	0.299	0.0616	
180 minute winter	J48	48.012	J49	12.0	0.500	0.402	0.1797	
180 minute winter	J49	48.013	J50	12.7	0.510	0.414	0.0283	

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J50	104	184.298	0.133	13.4	0.1500	0.0000	OK
180 minute winter	J51	104	184.283	0.135	14.0	0.1531	0.0000	OK
180 minute winter	J52	104	184.270	0.126	14.8	0.1429	0.0000	OK
180 minute winter	J53	104	184.246	0.119	15.3	0.1341	0.0000	OK
180 minute winter	J54	96	185.186	0.057	3.2	0.0649	0.0000	OK
180 minute winter	J55	100	185.147	0.053	3.8	0.0604	0.0000	OK
180 minute winter	J56	100	184.160	0.153	22.1	0.1727	0.0000	OK
180 minute winter	J57	100	184.137	0.151	22.7	0.1713	0.0000	OK
180 minute winter	BASIN 1	184	186.152	1.227	38.1	157.5842	0.0000	SURCHARGED
180 minute winter	BASIN 2	376	184.848	0.548	4.0	55.4256	0.0000	OK
180 minute winter	BASIN 3	420	183.062	-0.038	32.0	173.2959	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J50	48.014	J51	13.4	0.544	0.448	0.1250	
180 minute winter	J51	48.015	J52	14.0	0.584	0.456	0.0272	
180 minute winter	J52	48.016	J53	14.8	0.669	0.484	0.1076	
180 minute winter	J53	48.017	S24	15.3	0.794	0.509	0.1984	
180 minute winter	J54	65.002	J55	3.2	0.714	0.536	0.0162	
180 minute winter	J55	65.003	S24	3.8	0.938	0.505	0.0322	
180 minute winter	J56	48.019	J57	22.1	0.617	0.408	0.3256	
180 minute winter	J57	48.020	S25	22.7	0.662	0.415	0.2099	
180 minute winter	BASIN 1	1.023	S5	3.8	0.223	0.046	0.9418	
180 minute winter	BASIN 1	Infiltration		0.1				2.4
180 minute winter	BASIN 2	1.027	S7	3.4	0.551	0.041	0.1367	
180 minute winter	BASIN 2	71.000	BH1	1.5	0.585	0.252	0.1829	
180 minute winter	BASIN 2	Infiltration		0.0				0.0
180 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
180 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	BASIN 4	232	183.790	0.460	27.8	136.1324	0.0000	SURCHARGED
180 minute winter	SWALE 1	184	184.929	0.055	3.8	0.0793	0.0000	OK
180 minute winter	SWALE 2	380	184.426	0.051	3.4	0.0735	0.0000	OK
180 minute winter	SWALE 3	96	184.118	0.123	28.1	0.1760	0.0000	OK
180 minute winter	BH1	376	184.848	0.771	1.5	3.0372	0.0000	OK
180 minute winter	BH2	4	183.083	0.000	0.0	0.0000	0.0000	OK
180 minute winter	BH3	232	183.790	0.471	2.1	3.8019	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	BASIN 4	48.022	BH3	2.1	0.541	0.040	0.3211	
180 minute winter	BASIN 4	Infiltration		0.0				0.0
180 minute winter	SWALE 1	1.025	S6	3.8	0.391	0.046	0.3687	
180 minute winter	SWALE 2	1.029	S8	3.4	0.528	0.041	0.1683	
180 minute winter	SWALE 3	1.033	BASIN 3	28.0	0.914	0.224	1.3250	
180 minute winter	BH1	Infiltration		0.1				2.0
180 minute winter	BH2	Infiltration		0.0				0.0
180 minute winter	BH3	Infiltration		0.2				4.1

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.406	0.036	2.4	0.0526	0.0000	OK
240 minute summer	S2	128	187.169	0.130	17.7	0.2254	0.0000	OK
240 minute summer	S3	128	186.262	0.125	24.0	0.1666	0.0000	OK
240 minute summer	S4	248	186.187	0.809	42.1	1.0375	0.0000	SURCHARGED
240 minute summer	S5	244	186.189	1.279	3.9	1.8299	0.0000	SURCHARGED
240 minute summer	S6	372	184.863	0.055	3.9	0.0784	0.0000	OK
240 minute summer	S7	392	184.787	0.028	3.5	0.0405	0.0000	OK
240 minute summer	S8	392	184.360	0.030	3.5	0.0434	0.0000	OK
240 minute summer	S9	128	184.210	0.085	3.5	0.1219	0.0000	OK
240 minute summer	S10	128	184.210	0.097	32.3	0.1769	0.0000	OK
240 minute summer	S11	124	186.457	0.057	3.1	0.0890	0.0000	OK
240 minute summer	S12	124	186.272	0.096	7.9	0.1422	0.0000	OK
240 minute summer	S13	128	186.051	0.058	12.9	0.0862	0.0000	OK
240 minute summer	S14	124	185.281	0.106	17.1	0.1673	0.0000	OK
240 minute summer	S15	128	184.948	0.081	22.0	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S1	1.000	J1	2.4	0.601	0.273	0.0326	
240 minute summer	S2	1.012	J12	17.7	0.822	0.593	0.0322	
240 minute summer	S3	1.019	J18	24.0	1.035	0.450	0.1191	
240 minute summer	S4	1.022	BASIN 1	41.5	1.059	0.248	1.1778	
240 minute summer	S5	1.024	SWALE 1	3.9	0.381	0.047	0.2067	
240 minute summer	S6	1.026	BASIN 2	3.9	0.470	0.045	0.0549	
240 minute summer	S7	1.028	SWALE 2	3.5	0.556	0.012	0.1094	
240 minute summer	S8	1.030	S9	3.5	0.586	0.013	0.1128	
240 minute summer	S9	1.031	S10	3.5	0.621	0.042	0.1383	
240 minute summer	S10	1.032	SWALE 3	32.3	1.132	0.098	0.1254	
240 minute summer	S11	32.000	J28	3.1	0.653	0.518	0.0214	
240 minute summer	S12	32.003	J30	7.9	0.661	0.589	0.0605	
240 minute summer	S13	32.007	J33	12.9	1.666	0.132	0.1009	
240 minute summer	S14	32.009	J34	17.1	0.915	0.336	0.0977	
240 minute summer	S15	32.013	J37	22.0	1.805	0.238	0.1139	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.561	0.074	26.1	0.1126	0.0000	OK
240 minute summer	S17	124	186.209	0.058	3.5	0.0930	0.0000	OK
240 minute summer	S18	244	186.191	0.367	8.8	0.5421	0.0000	SURCHARGED
240 minute summer	S19	244	186.193	0.427	13.8	0.6152	0.0000	SURCHARGED
240 minute summer	S20	144	184.668	0.026	0.8	0.0291	0.0000	OK
240 minute summer	S21	128	184.475	0.066	4.2	0.0876	0.0000	OK
240 minute summer	S22	128	184.355	0.124	8.9	0.1603	0.0000	OK
240 minute summer	S23	128	184.338	0.140	12.7	0.1810	0.0000	OK
240 minute summer	S24	128	184.186	0.169	24.2	0.2223	0.0000	OK
240 minute summer	S25	128	184.121	0.151	27.4	0.2084	0.0000	OK
240 minute summer	S26	124	185.414	0.037	3.0	0.0549	0.0000	OK
240 minute summer	FC1	136	188.861	0.611	1.1	0.7885	0.0000	SURCHARGED
240 minute summer	FC2	136	188.762	0.612	1.1	0.7895	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S16	32.015	J38	26.1	1.034	0.082	0.0594	
240 minute summer	S17	23.001	J20	3.5	0.758	0.584	0.0383	
240 minute summer	S18	23.006	J24	8.7	0.486	0.273	0.0729	
240 minute summer	S19	23.010	J27	13.8	0.657	0.461	0.3541	
240 minute summer	S20	48.001	J41	0.8	0.515	0.134	0.0072	
240 minute summer	S21	48.004	J43	4.2	0.518	0.318	0.0421	
240 minute summer	S22	48.008	J46	8.8	0.401	0.282	0.0554	
240 minute summer	S23	48.011	J48	12.7	0.501	0.412	0.0287	
240 minute summer	S24	48.018	J56	24.2	0.606	0.452	0.1694	
240 minute summer	S25	48.021	BASIN 4	27.4	0.861	0.514	0.1224	
240 minute summer	S26	65.001	J54	3.0	0.788	0.293	0.0329	
240 minute summer	FC1	2.000	J1	0.8	0.348	0.125	0.0160	
240 minute summer	FC1	Infiltration		0.0				0.0
240 minute summer	FC2	3.000	J2	0.8	0.510	0.130	0.0087	
240 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC3	144	188.843	0.643	1.6	1.4434	0.0000	SURCHARGED
240 minute summer	FC4	136	188.595	0.395	0.8	0.4936	0.0000	SURCHARGED
240 minute summer	FC5	136	188.612	0.612	1.1	0.7900	0.0000	SURCHARGED
240 minute summer	FC6	136	188.243	0.393	0.8	0.4920	0.0000	SURCHARGED
240 minute summer	FC7	136	188.145	0.395	0.8	0.4941	0.0000	SURCHARGED
240 minute summer	FC8	136	188.358	0.608	1.1	0.7845	0.0000	SURCHARGED
240 minute summer	FC9	136	187.867	0.396	0.8	0.4960	0.0000	SURCHARGED
240 minute summer	FC10	144	188.118	0.648	1.6	1.4397	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC3	4.000	J3	0.8	0.540	0.127	0.0143	
240 minute summer	FC3	Infiltration		0.0				0.0
240 minute summer	FC4	5.000	J4	0.6	0.568	0.083	0.0080	
240 minute summer	FC4	Infiltration		0.0				0.0
240 minute summer	FC5	6.000	J5	0.8	0.508	0.131	0.0063	
240 minute summer	FC5	Infiltration		0.0				0.0
240 minute summer	FC6	7.000	J6	0.6	0.632	0.071	0.0073	
240 minute summer	FC6	Infiltration		0.0				0.0
240 minute summer	FC7	8.000	J7	0.6	0.549	0.087	0.0082	
240 minute summer	FC7	Infiltration		0.0				0.0
240 minute summer	FC8	9.000	J8	0.8	0.715	0.081	0.0045	
240 minute summer	FC8	Infiltration		0.0				0.0
240 minute summer	FC9	10.000	J9	0.6	0.484	0.104	0.0092	
240 minute summer	FC9	Infiltration		0.0				0.0
240 minute summer	FC10	11.000	J10	0.8	0.560	0.120	0.0089	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC11	136	187.932	0.612	1.1	0.7897	0.0000	SURCHARGED
240 minute summer	FC12	136	187.842	0.612	1.1	0.7897	0.0000	SURCHARGED
240 minute summer	FC13	136	187.612	0.612	1.1	0.7897	0.0000	SURCHARGED
240 minute summer	FC14	152	187.061	0.161	1.1	2.0559	0.0000	SURCHARGED
240 minute summer	FC15	136	187.590	0.390	0.8	0.4874	0.0000	SURCHARGED
240 minute summer	FC16	136	187.296	0.396	0.8	0.4953	0.0000	SURCHARGED
240 minute summer	FC17	136	187.391	0.391	0.8	0.4894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC10	Infiltration		0.0				0.0
240 minute summer	FC11	12.000	J11	0.8	0.513	0.131	0.0117	
240 minute summer	FC11	Infiltration		0.0				0.0
240 minute summer	FC12	13.000	S2	0.8	0.513	0.131	0.0104	
240 minute summer	FC12	Infiltration		0.0				0.0
240 minute summer	FC13	14.000	J12	0.8	0.514	0.130	0.0103	
240 minute summer	FC13	Infiltration		0.0				0.0
240 minute summer	FC14	15.000	J13	0.4	0.421	0.065	0.0069	
240 minute summer	FC14	Infiltration		0.0				0.0
240 minute summer	FC15	16.000	J14	0.6	1.024	0.036	0.0028	
240 minute summer	FC15	Infiltration		0.0				0.0
240 minute summer	FC16	17.000	J15	0.6	0.506	0.098	0.0093	
240 minute summer	FC16	Infiltration		0.0				0.0
240 minute summer	FC17	18.000	J16	0.6	0.801	0.051	0.0037	
240 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC18	136	186.947	0.397	0.8	0.4961	0.0000	SURCHARGED
240 minute summer	FC19	136	187.012	0.612	1.1	0.7898	0.0000	SURCHARGED
240 minute summer	FC20	136	187.555	0.605	1.1	0.7804	0.0000	SURCHARGED
240 minute summer	FC21	136	186.912	0.612	1.1	0.7897	0.0000	SURCHARGED
240 minute summer	FC22	148	186.583	0.133	0.8	1.2911	0.0000	SURCHARGED
240 minute summer	FC23	136	186.691	0.391	0.8	0.4889	0.0000	SURCHARGED
240 minute summer	FC24	136	186.905	0.605	1.1	0.7814	0.0000	SURCHARGED
240 minute summer	FC25	136	187.155	0.605	1.1	0.7805	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC18	19.000	J17	0.6	0.482	0.105	0.0090	
240 minute summer	FC18	Infiltration		0.0				0.0
240 minute summer	FC19	20.000	S3	0.8	0.511	0.131	0.0100	
240 minute summer	FC19	Infiltration		0.0				0.0
240 minute summer	FC20	21.000	J18	0.8	1.033	0.048	0.0032	
240 minute summer	FC20	Infiltration		0.0				0.0
240 minute summer	FC21	22.000	J19	0.8	0.513	0.131	0.0115	
240 minute summer	FC21	Infiltration		0.0				0.0
240 minute summer	FC22	23.000	S17	0.4	0.350	0.023	0.0122	
240 minute summer	FC22	Infiltration		0.0				0.0
240 minute summer	FC23	24.000	J20	0.6	0.849	0.047	0.0184	
240 minute summer	FC23	Infiltration		0.0				0.0
240 minute summer	FC24	25.000	J21	0.8	0.932	0.056	0.0187	
240 minute summer	FC24	Infiltration		0.0				0.0
240 minute summer	FC25	26.000	J22	0.8	1.026	0.049	0.0036	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC26	152	186.580	0.130	0.8	1.3116	0.0000	SURCHARGED
240 minute summer	FC27	136	186.889	0.389	0.8	0.4865	0.0000	SURCHARGED
240 minute summer	FC28	136	187.105	0.605	1.1	0.7804	0.0000	SURCHARGED
240 minute summer	FC29	136	187.105	0.605	1.1	0.7807	0.0000	SURCHARGED
240 minute summer	FC30	136	187.355	0.605	1.1	0.7811	0.0000	SURCHARGED
240 minute summer	FC31	136	186.843	0.393	0.8	0.4915	0.0000	SURCHARGED
240 minute summer	FC32	136	186.841	0.391	0.8	0.4889	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC25	Infiltration		0.0				0.0
240 minute summer	FC26	27.000	J23	0.3	0.716	0.026	0.0022	
240 minute summer	FC26	Infiltration		0.0				0.0
240 minute summer	FC27	28.000	J24	0.6	1.190	0.029	0.0184	
240 minute summer	FC27	Infiltration		0.0				0.0
240 minute summer	FC28	29.000	J25	0.8	1.031	0.048	0.0033	
240 minute summer	FC28	Infiltration		0.0				0.0
240 minute summer	FC29	30.000	J26	0.8	1.003	0.050	0.0036	
240 minute summer	FC29	Infiltration		0.0				0.0
240 minute summer	FC30	31.000	J27	0.8	0.962	0.053	0.0035	
240 minute summer	FC30	Infiltration		0.0				0.0
240 minute summer	FC31	33.000	J28	0.6	0.320	0.069	0.0122	
240 minute summer	FC31	Infiltration		0.0				0.0
240 minute summer	FC32	34.000	J29	0.6	0.275	0.049	0.0131	
240 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC33	136	187.055	0.605	1.1	0.7809	0.0000	SURCHARGED
240 minute summer	FC34	136	187.061	0.611	1.1	0.7894	0.0000	SURCHARGED
240 minute summer	FC35	136	187.055	0.605	1.1	0.7812	0.0000	SURCHARGED
240 minute summer	FC36	136	187.055	0.605	1.1	0.7807	0.0000	SURCHARGED
240 minute summer	FC37	144	186.451	0.651	1.6	1.4318	0.0000	SURCHARGED
240 minute summer	FC38	152	185.567	0.117	0.8	1.4031	0.0000	SURCHARGED
240 minute summer	FC39	136	185.840	0.390	0.8	0.4884	0.0000	SURCHARGED
240 minute summer	FC40	136	186.073	0.573	1.1	0.7844	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC33	35.000	S12	0.8	0.919	0.055	0.0088	
240 minute summer	FC33	Infiltration		0.0				0.0
240 minute summer	FC34	36.000	J30	0.8	0.526	0.125	0.0070	
240 minute summer	FC34	Infiltration		0.0				0.0
240 minute summer	FC35	37.000	J31	0.8	0.952	0.054	0.0042	
240 minute summer	FC35	Infiltration		0.0				0.0
240 minute summer	FC36	38.000	J32	0.8	0.999	0.051	0.0039	
240 minute summer	FC36	Infiltration		0.0				0.0
240 minute summer	FC37	39.000	J33	0.8	0.690	0.091	0.0076	
240 minute summer	FC37	Infiltration		0.0				0.0
240 minute summer	FC38	40.000	J34	0.3	0.676	0.026	0.0023	
240 minute summer	FC38	Infiltration		0.0				0.0
240 minute summer	FC39	41.000	J35	0.6	0.900	0.043	0.0031	
240 minute summer	FC39	Infiltration		0.0				0.0
240 minute summer	FC40	42.000	J36	0.8	1.165	0.039	0.0033	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC41	136	185.457	0.607	1.1	0.7836	0.0000	SURCHARGED
240 minute summer	FC42	136	185.208	0.608	1.1	0.7855	0.0000	SURCHARGED
240 minute summer	FC43	136	185.207	0.607	1.1	0.7838	0.0000	SURCHARGED
240 minute summer	FC44	124	184.619	0.019	0.8	0.0241	0.0000	OK
240 minute summer	FC45	136	184.991	0.391	0.8	0.4890	0.0000	SURCHARGED
240 minute summer	FC46	144	185.348	0.648	1.6	1.4422	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.405	0.605	1.1	0.7810	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC40	Infiltration		0.0				0.0
240 minute summer	FC41	43.000	J37	0.8	0.766	0.074	0.0051	
240 minute summer	FC41	Infiltration		0.0				0.0
240 minute summer	FC42	44.000	J38	0.8	0.667	0.090	0.0057	
240 minute summer	FC42	Infiltration		0.0				0.0
240 minute summer	FC43	45.000	J39	0.8	0.756	0.075	0.0044	
240 minute summer	FC43	Infiltration		0.0				0.0
240 minute summer	FC44	46.000	J40	0.8	0.779	0.075	0.0045	
240 minute summer	FC44	Infiltration		0.0				0.0
240 minute summer	FC45	47.000	S10	0.6	0.838	0.047	0.0034	
240 minute summer	FC45	Infiltration		0.0				0.0
240 minute summer	FC46	48.000	S20	0.8	0.505	0.134	0.0095	
240 minute summer	FC46	Infiltration		0.0				0.0
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
240 minute summer	FC48	50.000	J42	0.8	0.478	0.055	0.0085	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC49	136	185.412	0.612	1.1	0.7900	0.0000	SURCHARGED
240 minute summer	FC50	136	185.412	0.612	1.1	0.7899	0.0000	SURCHARGED
240 minute summer	FC51	136	185.462	0.612	1.1	0.7898	0.0000	SURCHARGED
240 minute summer	FC52	136	185.857	0.607	1.1	0.7839	0.0000	SURCHARGED
240 minute summer	FC53	136	185.858	0.608	1.1	0.7848	0.0000	SURCHARGED
240 minute summer	FC54	136	185.642	0.392	0.8	0.4905	0.0000	SURCHARGED
240 minute summer	FC55	136	185.640	0.390	0.8	0.4882	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC48	Infiltration		0.0				0.0
240 minute summer	FC49	51.000	S21	0.8	0.509	0.131	0.0066	
240 minute summer	FC49	Infiltration		0.0				0.0
240 minute summer	FC50	52.000	J43	0.8	0.509	0.131	0.0071	
240 minute summer	FC50	Infiltration		0.0				0.0
240 minute summer	FC51	55.000	S22	0.8	0.512	0.131	0.0093	
240 minute summer	FC51	Infiltration		0.0				0.0
240 minute summer	FC52	58.000	S23	0.8	0.745	0.077	0.0057	
240 minute summer	FC52	Infiltration		0.0				0.0
240 minute summer	FC53	61.000	J50	0.8	0.700	0.083	0.0047	
240 minute summer	FC53	Infiltration		0.0				0.0
240 minute summer	FC54	62.000	J51	0.6	0.728	0.057	0.0034	
240 minute summer	FC54	Infiltration		0.0				0.0
240 minute summer	FC55	64.000	J53	0.6	0.920	0.041	0.0028	
240 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC56	136	185.740	0.390	0.8	0.4879	0.0000	SURCHARGED
240 minute summer	FC57	136	185.740	0.390	0.8	0.4884	0.0000	SURCHARGED
240 minute summer	FC58	136	185.741	0.391	0.8	0.4888	0.0000	SURCHARGED
240 minute summer	FC59	136	185.741	0.391	0.8	0.4895	0.0000	SURCHARGED
240 minute summer	FC60	136	185.956	0.606	1.1	0.7825	0.0000	SURCHARGED
240 minute summer	FC61	136	185.908	0.608	1.1	0.7853	0.0000	SURCHARGED
240 minute summer	FC62	144	185.896	0.646	1.6	1.4377	0.0000	SURCHARGED
240 minute summer	FC63	136	185.796	0.396	0.8	0.4957	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC56	53.000	J44	0.6	0.950	0.040	0.0043	
240 minute summer	FC56	Infiltration		0.0				0.0
240 minute summer	FC57	54.000	J45	0.6	0.891	0.044	0.0045	
240 minute summer	FC57	Infiltration		0.0				0.0
240 minute summer	FC58	56.000	J46	0.6	0.857	0.046	0.0045	
240 minute summer	FC58	Infiltration		0.0				0.0
240 minute summer	FC59	57.000	J47	0.6	0.794	0.052	0.0050	
240 minute summer	FC59	Infiltration		0.0				0.0
240 minute summer	FC60	59.000	J48	0.8	0.838	0.065	0.0061	
240 minute summer	FC60	Infiltration		0.0				0.0
240 minute summer	FC61	60.000	J49	0.8	0.672	0.090	0.0085	
240 minute summer	FC61	Infiltration		0.0				0.0
240 minute summer	FC62	63.000	J52	0.8	0.625	0.104	0.0120	
240 minute summer	FC62	Infiltration		0.0				0.0
240 minute summer	FC63	65.000	S26	0.6	0.381	0.104	0.0046	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC64	136	185.559	0.409	0.8	0.5120	0.0000	SURCHARGED
240 minute summer	FC65	136	185.757	0.607	1.1	0.7838	0.0000	SURCHARGED
240 minute summer	FC66	136	185.611	0.611	1.1	0.7882	0.0000	SURCHARGED
240 minute summer	FC67	152	184.931	0.131	0.8	1.3427	0.0000	SURCHARGED
240 minute summer	FC68	136	184.944	0.394	0.8	0.4924	0.0000	SURCHARGED
240 minute summer	J1	124	188.265	0.065	5.5	0.0962	0.0000	OK
240 minute summer	J2	124	188.142	0.086	6.1	0.0968	0.0000	OK
240 minute summer	J3	124	188.126	0.076	6.9	0.0858	0.0000	OK
240 minute summer	J4	124	188.093	0.054	7.4	0.0605	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC63	Infiltration		0.0				0.0
240 minute summer	FC64	66.000	J54	0.6	0.250	0.107	0.0090	
240 minute summer	FC64	Infiltration		0.0				0.0
240 minute summer	FC65	67.000	J55	0.8	0.345	0.080	0.0062	
240 minute summer	FC65	Infiltration		0.0				0.0
240 minute summer	FC66	68.000	S24	0.8	0.571	0.108	0.0029	
240 minute summer	FC66	Infiltration		0.0				0.0
240 minute summer	FC67	69.000	J56	0.3	0.396	0.058	0.0018	
240 minute summer	FC67	Infiltration		0.0				0.0
240 minute summer	FC68	70.000	J57	0.6	0.630	0.069	0.0022	
240 minute summer	FC68	Infiltration		0.0				0.0
240 minute summer	J1	1.001	J2	5.4	1.060	0.654	0.0257	
240 minute summer	J2	1.002	J3	6.1	0.629	0.452	0.0100	
240 minute summer	J3	1.003	J4	6.8	0.941	0.515	0.0142	
240 minute summer	J4	1.004	J5	7.4	1.410	0.216	0.0185	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J5	128	187.958	0.048	8.0	0.0541	0.0000	OK
240 minute summer	J6	128	187.719	0.069	8.6	0.0782	0.0000	OK
240 minute summer	J7	128	187.606	0.081	9.2	0.0918	0.0000	OK
240 minute summer	J8	128	187.572	0.051	10.3	0.0573	0.0000	OK
240 minute summer	J9	128	187.361	0.086	10.5	0.0973	0.0000	OK
240 minute summer	J10	128	187.321	0.051	11.3	0.0576	0.0000	OK
240 minute summer	J11	128	187.194	0.073	12.1	0.0820	0.0000	OK
240 minute summer	J12	128	186.899	0.090	18.4	0.1021	0.0000	OK
240 minute summer	J13	128	186.769	0.142	18.8	0.1602	0.0000	OK
240 minute summer	J14	128	186.754	0.132	19.4	0.1492	0.0000	OK
240 minute summer	J15	128	186.733	0.116	20.0	0.1316	0.0000	OK
240 minute summer	J16	128	186.696	0.091	20.5	0.1026	0.0000	OK
240 minute summer	J17	128	186.351	0.068	21.1	0.0769	0.0000	OK
240 minute summer	J18	128	186.218	0.093	24.7	0.1052	0.0000	OK
240 minute summer	J19	244	186.210	0.183	25.4	0.2072	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J5	1.005	J6	8.0	1.270	0.210	0.0362	
240 minute summer	J6	1.006	J7	8.6	1.234	0.304	0.0138	
240 minute summer	J7	1.007	J8	9.6	0.991	0.312	0.0110	
240 minute summer	J8	1.008	J9	10.0	0.979	0.112	0.0873	
240 minute summer	J9	1.009	J10	10.6	1.035	0.316	0.0124	
240 minute summer	J10	1.010	J11	11.3	1.291	0.088	0.0217	
240 minute summer	J11	1.011	S2	12.1	0.705	0.188	0.0935	
240 minute summer	J12	1.013	J13	18.4	1.340	0.275	0.0892	
240 minute summer	J13	1.014	J14	18.8	0.601	0.332	0.0593	
240 minute summer	J14	1.015	J15	19.4	0.704	0.344	0.0527	
240 minute summer	J15	1.016	J16	20.0	0.927	0.374	0.1107	
240 minute summer	J16	1.017	J17	20.6	1.284	0.144	0.0539	
240 minute summer	J17	1.018	S3	21.1	1.079	0.068	0.0376	
240 minute summer	J18	1.020	J19	24.7	0.954	0.086	0.0388	
240 minute summer	J19	1.021	S4	25.4	0.844	0.461	0.1894	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J20	244	186.189	0.158	4.0	0.1792	0.0000	SURCHARGED
240 minute summer	J21	244	186.189	0.180	4.7	0.2040	0.0000	SURCHARGED
240 minute summer	J22	244	186.190	0.227	5.4	0.2562	0.0000	SURCHARGED
240 minute summer	J23	244	186.189	0.247	5.7	0.2793	0.0000	SURCHARGED
240 minute summer	J24	244	186.189	0.372	9.3	0.4211	0.0000	SURCHARGED
240 minute summer	J25	248	186.187	0.391	10.1	0.4423	0.0000	SURCHARGED
240 minute summer	J26	244	186.191	0.412	10.8	0.4657	0.0000	SURCHARGED
240 minute summer	J27	228	186.190	0.453	14.5	0.5129	0.0000	SURCHARGED
240 minute summer	J28	124	186.416	0.060	3.6	0.0674	0.0000	OK
240 minute summer	J29	124	186.338	0.067	4.2	0.0760	0.0000	OK
240 minute summer	J30	128	186.243	0.096	8.5	0.1085	0.0000	OK
240 minute summer	J31	128	186.135	0.091	9.3	0.1030	0.0000	OK
240 minute summer	J32	128	186.096	0.085	10.0	0.0958	0.0000	OK
240 minute summer	J33	128	185.590	0.055	13.7	0.0622	0.0000	OK
240 minute summer	J34	128	185.233	0.108	17.3	0.1224	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J20	23.002	J21	4.0	0.551	0.296	0.0665	
240 minute summer	J21	23.003	J22	4.7	0.578	0.348	0.1411	
240 minute summer	J22	23.004	J23	5.4	0.622	0.400	0.0633	
240 minute summer	J23	23.005	S18	5.7	0.702	0.427	0.1321	
240 minute summer	J24	23.007	J25	9.3	0.497	0.310	0.2458	
240 minute summer	J25	23.008	J26	10.1	0.494	0.333	0.1975	
240 minute summer	J26	23.009	S19	10.8	0.514	0.353	0.1474	
240 minute summer	J27	23.011	S4	14.6	0.774	0.488	0.0951	
240 minute summer	J28	32.001	J29	3.6	0.690	0.609	0.0461	
240 minute summer	J29	32.002	S12	4.1	0.777	0.695	0.0247	
240 minute summer	J30	32.004	J31	8.5	0.767	0.643	0.0552	
240 minute summer	J31	32.005	J32	9.3	0.646	0.308	0.1398	
240 minute summer	J32	32.006	S13	10.0	0.930	0.332	0.0574	
240 minute summer	J33	32.008	S14	13.7	1.075	0.132	0.1176	
240 minute summer	J34	32.010	J35	17.3	1.157	0.450	0.1357	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J35	128	185.148	0.073	17.9	0.0829	0.0000	OK
240 minute summer	J36	128	184.990	0.115	18.7	0.1298	0.0000	OK
240 minute summer	J37	128	184.617	0.117	22.7	0.1323	0.0000	OK
240 minute summer	J38	128	184.459	0.159	26.8	0.1802	0.0000	OK
240 minute summer	J39	128	184.419	0.145	27.6	0.1639	0.0000	OK
240 minute summer	J40	128	184.385	0.120	28.4	0.1357	0.0000	OK
240 minute summer	J41	144	184.622	0.025	0.8	0.0280	0.0000	OK
240 minute summer	J42	140	184.574	0.037	1.6	0.0413	0.0000	OK
240 minute summer	J43	128	184.457	0.077	5.0	0.0867	0.0000	OK
240 minute summer	J44	128	184.443	0.072	5.6	0.0819	0.0000	OK
240 minute summer	J45	128	184.399	0.079	6.1	0.0898	0.0000	OK
240 minute summer	J46	128	184.350	0.127	9.4	0.1442	0.0000	OK
240 minute summer	J47	128	184.344	0.137	10.0	0.1547	0.0000	OK
240 minute summer	J48	128	184.330	0.136	13.4	0.1535	0.0000	OK
240 minute summer	J49	128	184.316	0.147	14.2	0.1667	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J35	32.011	J36	17.9	1.143	0.202	0.1084	
240 minute summer	J36	32.012	S15	18.7	1.126	0.623	0.0394	
240 minute summer	J37	32.014	S16	22.8	1.182	0.412	0.1008	
240 minute summer	J38	32.016	J39	26.8	0.749	0.497	0.3877	
240 minute summer	J39	32.017	J40	27.6	0.920	0.504	0.1096	
240 minute summer	J40	32.018	S10	28.4	1.154	0.285	0.2356	
240 minute summer	J41	48.002	J42	0.8	0.434	0.134	0.0127	
240 minute summer	J42	48.003	S21	1.6	0.623	0.266	0.0206	
240 minute summer	J43	48.005	J44	5.0	0.569	0.356	0.0140	
240 minute summer	J44	48.006	J45	5.5	0.621	0.416	0.0785	
240 minute summer	J45	48.007	S22	6.1	0.698	0.452	0.0209	
240 minute summer	J46	48.009	J47	9.4	0.392	0.306	0.1021	
240 minute summer	J47	48.010	S23	10.0	0.390	0.332	0.0677	
240 minute summer	J48	48.012	J49	13.4	0.511	0.449	0.1958	
240 minute summer	J49	48.013	J50	14.1	0.525	0.461	0.0306	

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J50	128	184.307	0.142	14.9	0.1601	0.0000	OK
240 minute summer	J51	128	184.292	0.144	15.4	0.1623	0.0000	OK
240 minute summer	J52	128	184.278	0.134	16.2	0.1512	0.0000	OK
240 minute summer	J53	132	184.252	0.125	16.8	0.1414	0.0000	OK
240 minute summer	J54	128	185.191	0.062	3.6	0.0702	0.0000	OK
240 minute summer	J55	128	185.151	0.057	4.3	0.0649	0.0000	OK
240 minute summer	J56	128	184.169	0.162	24.5	0.1837	0.0000	OK
240 minute summer	J57	128	184.146	0.161	25.0	0.1815	0.0000	OK
240 minute summer	BASIN 1	244	186.189	1.264	42.9	163.7728	0.0000	SURCHARGED
240 minute summer	BASIN 2	388	184.849	0.549	4.0	55.5498	0.0000	OK
240 minute summer	BASIN 3	480	183.122	0.022	37.0	196.8628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J50	48.014	J51	14.8	0.560	0.497	0.1345	
240 minute summer	J51	48.015	J52	15.4	0.601	0.503	0.0291	
240 minute summer	J52	48.016	J53	16.2	0.686	0.531	0.1150	
240 minute summer	J53	48.017	S24	16.8	0.814	0.557	0.2115	
240 minute summer	J54	65.002	J55	3.6	0.737	0.604	0.0178	
240 minute summer	J55	65.003	S24	4.3	0.962	0.566	0.0352	
240 minute summer	J56	48.019	J57	24.4	0.632	0.451	0.3511	
240 minute summer	J57	48.020	S25	25.0	0.680	0.458	0.2256	
240 minute summer	BASIN 1	1.023	S5	3.9	0.217	0.047	0.9418	
240 minute summer	BASIN 1	Infiltration		0.1				2.8
240 minute summer	BASIN 2	1.027	S7	3.5	0.560	0.043	0.1410	
240 minute summer	BASIN 2	71.000	BH1	1.2	0.562	0.210	0.1829	
240 minute summer	BASIN 2	Infiltration		0.0				0.0
240 minute summer	BASIN 3	1.034	BH2	0.5	0.335	0.004	0.0196	
240 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	BASIN 4	284	183.827	0.497	31.1	148.0111	0.0000	SURCHARGED
240 minute summer	SWALE 1	244	184.930	0.056	3.9	0.0799	0.0000	OK
240 minute summer	SWALE 2	392	184.428	0.052	3.5	0.0751	0.0000	OK
240 minute summer	SWALE 3	128	184.128	0.133	32.3	0.1901	0.0000	OK
240 minute summer	BH1	388	184.849	0.772	1.2	3.0403	0.0000	OK
240 minute summer	BH2	480	183.092	0.009	0.5	0.3269	0.0000	OK
240 minute summer	BH3	284	183.827	0.508	1.5	3.9776	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	BASIN 4	48.022	BH3	1.5	0.482	0.027	0.3211	
240 minute summer	BASIN 4	Infiltration		0.0				0.0
240 minute summer	SWALE 1	1.025	S6	3.9	0.393	0.047	0.3727	
240 minute summer	SWALE 2	1.029	S8	3.5	0.537	0.043	0.1736	
240 minute summer	SWALE 3	1.033	BASIN 3	32.4	0.951	0.259	1.4720	
240 minute summer	BH1	Infiltration		0.1				2.3
240 minute summer	BH2	Infiltration		0.0				0.0
240 minute summer	BH3	Infiltration		0.2				4.7

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.399	0.029	1.6	0.0427	0.0000	OK
240 minute winter	S2	128	187.152	0.113	13.6	0.1948	0.0000	OK
240 minute winter	S3	132	186.246	0.109	18.6	0.1443	0.0000	OK
240 minute winter	S4	240	186.186	0.808	32.1	1.0354	0.0000	SURCHARGED
240 minute winter	S5	240	186.182	1.272	3.9	1.8204	0.0000	SURCHARGED
240 minute winter	S6	372	184.863	0.055	3.9	0.0782	0.0000	OK
240 minute winter	S7	392	184.787	0.028	3.5	0.0404	0.0000	OK
240 minute winter	S8	392	184.360	0.030	3.5	0.0433	0.0000	OK
240 minute winter	S9	128	184.193	0.068	3.5	0.0967	0.0000	OK
240 minute winter	S10	128	184.193	0.080	23.7	0.1448	0.0000	OK
240 minute winter	S11	124	186.444	0.044	2.1	0.0697	0.0000	OK
240 minute winter	S12	124	186.253	0.077	5.7	0.1141	0.0000	OK
240 minute winter	S13	132	186.042	0.049	9.4	0.0730	0.0000	OK
240 minute winter	S14	128	185.263	0.088	12.5	0.1385	0.0000	OK
240 minute winter	S15	128	184.936	0.068	16.2	0.1076	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S1	1.000	J1	1.6	0.545	0.183	0.0244	
240 minute winter	S2	1.012	J12	13.6	0.758	0.456	0.0269	
240 minute winter	S3	1.019	J18	18.6	1.005	0.349	0.0956	
240 minute winter	S4	1.022	BASIN 1	31.9	1.110	0.190	1.1778	
240 minute winter	S5	1.024	SWALE 1	3.9	0.381	0.046	0.2063	
240 minute winter	S6	1.026	BASIN 2	3.9	0.470	0.045	0.0546	
240 minute winter	S7	1.028	SWALE 2	3.5	0.555	0.012	0.1089	
240 minute winter	S8	1.030	S9	3.5	0.585	0.013	0.0809	
240 minute winter	S9	1.031	S10	3.5	0.620	0.042	0.1019	
240 minute winter	S10	1.032	SWALE 3	23.7	1.067	0.072	0.0974	
240 minute winter	S11	32.000	J28	2.1	0.593	0.351	0.0160	
240 minute winter	S12	32.003	J30	5.7	0.612	0.424	0.0470	
240 minute winter	S13	32.007	J33	9.4	1.522	0.096	0.0807	
240 minute winter	S14	32.009	J34	12.5	0.847	0.246	0.0774	
240 minute winter	S15	32.013	J37	16.2	1.671	0.175	0.0904	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.546	0.059	19.1	0.0893	0.0000	OK
240 minute winter	S17	124	186.197	0.047	2.5	0.0753	0.0000	OK
240 minute winter	S18	244	186.184	0.360	6.5	0.5314	0.0000	SURCHARGED
240 minute winter	S19	244	186.186	0.420	10.3	0.6052	0.0000	SURCHARGED
240 minute winter	S20	144	184.668	0.025	0.8	0.0288	0.0000	OK
240 minute winter	S21	128	184.466	0.057	3.3	0.0751	0.0000	OK
240 minute winter	S22	136	184.332	0.101	6.9	0.1309	0.0000	OK
240 minute winter	S23	136	184.316	0.118	9.8	0.1515	0.0000	OK
240 minute winter	S24	132	184.162	0.145	18.9	0.1911	0.0000	OK
240 minute winter	S25	132	184.102	0.132	21.3	0.1820	0.0000	OK
240 minute winter	S26	128	185.408	0.031	2.2	0.0462	0.0000	OK
240 minute winter	FC1	140	188.655	0.405	0.7	0.5231	0.0000	SURCHARGED
240 minute winter	FC2	140	188.556	0.406	0.7	0.5244	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S16	32.015	J38	19.1	0.986	0.060	0.0459	
240 minute winter	S17	23.001	J20	2.5	0.699	0.416	0.0360	
240 minute winter	S18	23.006	J24	6.5	0.465	0.204	0.0729	
240 minute winter	S19	23.010	J27	10.3	0.609	0.344	0.3541	
240 minute winter	S20	48.001	J41	0.8	0.512	0.132	0.0071	
240 minute winter	S21	48.004	J43	3.3	0.492	0.250	0.0346	
240 minute winter	S22	48.008	J46	6.9	0.397	0.219	0.0430	
240 minute winter	S23	48.011	J48	9.8	0.481	0.319	0.0230	
240 minute winter	S24	48.018	J56	18.9	0.572	0.353	0.1401	
240 minute winter	S25	48.021	BASIN 4	21.3	0.799	0.400	0.1028	
240 minute winter	S26	65.001	J54	2.2	0.720	0.212	0.0263	
240 minute winter	FC1	2.000	J1	0.6	0.298	0.101	0.0125	
240 minute winter	FC1	Infiltration		0.0				0.0
240 minute winter	FC2	3.000	J2	0.6	0.482	0.105	0.0059	
240 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC3	144	188.824	0.624	1.0	0.9592	0.0000	SURCHARGED
240 minute winter	FC4	132	188.468	0.268	0.6	0.3352	0.0000	SURCHARGED
240 minute winter	FC5	140	188.406	0.406	0.7	0.5245	0.0000	SURCHARGED
240 minute winter	FC6	132	188.117	0.267	0.6	0.3338	0.0000	SURCHARGED
240 minute winter	FC7	132	188.018	0.268	0.6	0.3357	0.0000	SURCHARGED
240 minute winter	FC8	140	188.152	0.402	0.7	0.5190	0.0000	SURCHARGED
240 minute winter	FC9	132	187.740	0.270	0.6	0.3375	0.0000	SURCHARGED
240 minute winter	FC10	144	188.095	0.625	1.0	0.9580	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC3	4.000	J3	0.8	0.537	0.125	0.0137	
240 minute winter	FC3	Infiltration		0.0				0.0
240 minute winter	FC4	5.000	J4	0.5	0.535	0.068	0.0069	
240 minute winter	FC4	Infiltration		0.0				0.0
240 minute winter	FC5	6.000	J5	0.6	0.480	0.106	0.0054	
240 minute winter	FC5	Infiltration		0.0				0.0
240 minute winter	FC6	7.000	J6	0.5	0.596	0.058	0.0062	
240 minute winter	FC6	Infiltration		0.0				0.0
240 minute winter	FC7	8.000	J7	0.5	0.517	0.071	0.0071	
240 minute winter	FC7	Infiltration		0.0				0.0
240 minute winter	FC8	9.000	J8	0.6	0.673	0.065	0.0039	
240 minute winter	FC8	Infiltration		0.0				0.0
240 minute winter	FC9	10.000	J9	0.5	0.457	0.085	0.0080	
240 minute winter	FC9	Infiltration		0.0				0.0
240 minute winter	FC10	11.000	J10	0.8	0.557	0.118	0.0088	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC11	140	187.726	0.406	0.7	0.5242	0.0000	SURCHARGED
240 minute winter	FC12	140	187.636	0.406	0.7	0.5243	0.0000	SURCHARGED
240 minute winter	FC13	140	187.406	0.406	0.7	0.5242	0.0000	SURCHARGED
240 minute winter	FC14	164	187.042	0.142	0.7	1.8103	0.0000	SURCHARGED
240 minute winter	FC15	132	187.463	0.263	0.6	0.3292	0.0000	SURCHARGED
240 minute winter	FC16	132	187.169	0.269	0.6	0.3369	0.0000	SURCHARGED
240 minute winter	FC17	132	187.265	0.265	0.6	0.3312	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC10	Infiltration		0.0				0.0
240 minute winter	FC11	12.000	J11	0.6	0.484	0.106	0.0100	
240 minute winter	FC11	Infiltration		0.0				0.0
240 minute winter	FC12	13.000	S2	0.6	0.484	0.106	0.0089	
240 minute winter	FC12	Infiltration		0.0				0.0
240 minute winter	FC13	14.000	J12	0.6	0.485	0.106	0.0088	
240 minute winter	FC13	Infiltration		0.0				0.0
240 minute winter	FC14	15.000	J13	0.4	0.413	0.060	0.0065	
240 minute winter	FC14	Infiltration		0.0				0.0
240 minute winter	FC15	16.000	J14	0.5	0.964	0.029	0.0025	
240 minute winter	FC15	Infiltration		0.0				0.0
240 minute winter	FC16	17.000	J15	0.5	0.477	0.080	0.0080	
240 minute winter	FC16	Infiltration		0.0				0.0
240 minute winter	FC17	18.000	J16	0.5	0.755	0.041	0.0032	
240 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC18	132	186.820	0.270	0.6	0.3376	0.0000	SURCHARGED
240 minute winter	FC19	140	186.806	0.406	0.7	0.5243	0.0000	SURCHARGED
240 minute winter	FC20	140	187.349	0.399	0.7	0.5146	0.0000	SURCHARGED
240 minute winter	FC21	140	186.706	0.406	0.7	0.5242	0.0000	SURCHARGED
240 minute winter	FC22	156	186.568	0.117	0.6	1.1374	0.0000	SURCHARGED
240 minute winter	FC23	132	186.564	0.264	0.6	0.3306	0.0000	SURCHARGED
240 minute winter	FC24	140	186.699	0.399	0.7	0.5156	0.0000	SURCHARGED
240 minute winter	FC25	140	186.949	0.399	0.7	0.5146	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC18	19.000	J17	0.5	0.455	0.086	0.0078	
240 minute winter	FC18	Infiltration		0.0				0.0
240 minute winter	FC19	20.000	S3	0.6	0.482	0.106	0.0086	
240 minute winter	FC19	Infiltration		0.0				0.0
240 minute winter	FC20	21.000	J18	0.6	0.971	0.039	0.0028	
240 minute winter	FC20	Infiltration		0.0				0.0
240 minute winter	FC21	22.000	J19	0.6	0.484	0.106	0.0099	
240 minute winter	FC21	Infiltration		0.0				0.0
240 minute winter	FC22	23.000	S17	0.3	0.370	0.022	0.0096	
240 minute winter	FC22	Infiltration		0.0				0.0
240 minute winter	FC23	24.000	J20	0.5	0.800	0.038	0.0184	
240 minute winter	FC23	Infiltration		0.0				0.0
240 minute winter	FC24	25.000	J21	0.6	0.877	0.045	0.0187	
240 minute winter	FC24	Infiltration		0.0				0.0
240 minute winter	FC25	26.000	J22	0.6	0.964	0.040	0.0031	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC26	156	186.565	0.115	0.6	1.1587	0.0000	SURCHARGED
240 minute winter	FC27	132	186.763	0.263	0.6	0.3288	0.0000	SURCHARGED
240 minute winter	FC28	140	186.899	0.399	0.7	0.5146	0.0000	SURCHARGED
240 minute winter	FC29	140	186.899	0.399	0.7	0.5149	0.0000	SURCHARGED
240 minute winter	FC30	140	187.149	0.399	0.7	0.5153	0.0000	SURCHARGED
240 minute winter	FC31	132	186.716	0.266	0.6	0.3332	0.0000	SURCHARGED
240 minute winter	FC32	132	186.714	0.264	0.6	0.3307	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC25	Infiltration		0.0				0.0
240 minute winter	FC26	27.000	J23	0.3	0.703	0.025	0.0021	
240 minute winter	FC26	Infiltration		0.0				0.0
240 minute winter	FC27	28.000	J24	0.5	1.122	0.024	0.0183	
240 minute winter	FC27	Infiltration		0.0				0.0
240 minute winter	FC28	29.000	J25	0.6	0.969	0.039	0.0028	
240 minute winter	FC28	Infiltration		0.0				0.0
240 minute winter	FC29	30.000	J26	0.6	0.943	0.041	0.0031	
240 minute winter	FC29	Infiltration		0.0				0.0
240 minute winter	FC30	31.000	J27	0.6	0.905	0.043	0.0031	
240 minute winter	FC30	Infiltration		0.0				0.0
240 minute winter	FC31	33.000	J28	0.5	0.271	0.056	0.0095	
240 minute winter	FC31	Infiltration		0.0				0.0
240 minute winter	FC32	34.000	J29	0.5	0.239	0.040	0.0104	
240 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC33	140	186.849	0.399	0.7	0.5151	0.0000	SURCHARGED
240 minute winter	FC34	140	186.856	0.406	0.7	0.5239	0.0000	SURCHARGED
240 minute winter	FC35	140	186.849	0.399	0.7	0.5154	0.0000	SURCHARGED
240 minute winter	FC36	140	186.849	0.399	0.7	0.5149	0.0000	SURCHARGED
240 minute winter	FC37	144	186.426	0.626	1.0	0.9525	0.0000	SURCHARGED
240 minute winter	FC38	156	185.555	0.104	0.6	1.2528	0.0000	SURCHARGED
240 minute winter	FC39	132	185.714	0.264	0.6	0.3301	0.0000	SURCHARGED
240 minute winter	FC40	140	185.898	0.398	0.7	0.5134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC33	35.000	S12	0.6	0.868	0.044	0.0049	
240 minute winter	FC33	Infiltration		0.0				0.0
240 minute winter	FC34	36.000	J30	0.6	0.496	0.101	0.0060	
240 minute winter	FC34	Infiltration		0.0				0.0
240 minute winter	FC35	37.000	J31	0.6	0.896	0.044	0.0036	
240 minute winter	FC35	Infiltration		0.0				0.0
240 minute winter	FC36	38.000	J32	0.6	0.939	0.041	0.0033	
240 minute winter	FC36	Infiltration		0.0				0.0
240 minute winter	FC37	39.000	J33	0.8	0.686	0.089	0.0075	
240 minute winter	FC37	Infiltration		0.0				0.0
240 minute winter	FC38	40.000	J34	0.3	0.664	0.025	0.0022	
240 minute winter	FC38	Infiltration		0.0				0.0
240 minute winter	FC39	41.000	J35	0.5	0.848	0.035	0.0026	
240 minute winter	FC39	Infiltration		0.0				0.0
240 minute winter	FC40	42.000	J36	0.6	1.103	0.033	0.0029	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC41	140	185.251	0.401	0.7	0.5180	0.0000	SURCHARGED
240 minute winter	FC42	140	185.003	0.403	0.7	0.5200	0.0000	SURCHARGED
240 minute winter	FC43	140	185.001	0.401	0.7	0.5182	0.0000	SURCHARGED
240 minute winter	FC44	128	184.617	0.017	0.6	0.0208	0.0000	OK
240 minute winter	FC45	132	184.864	0.264	0.6	0.3308	0.0000	SURCHARGED
240 minute winter	FC46	144	185.325	0.625	1.0	0.9602	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	185.199	0.399	0.7	0.5152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC40	Infiltration		0.0				0.0
240 minute winter	FC41	43.000	J37	0.6	0.721	0.060	0.0044	
240 minute winter	FC41	Infiltration		0.0				0.0
240 minute winter	FC42	44.000	J38	0.6	0.628	0.073	0.0049	
240 minute winter	FC42	Infiltration		0.0				0.0
240 minute winter	FC43	45.000	J39	0.6	0.712	0.060	0.0038	
240 minute winter	FC43	Infiltration		0.0				0.0
240 minute winter	FC44	46.000	J40	0.6	0.718	0.056	0.0037	
240 minute winter	FC44	Infiltration		0.0				0.0
240 minute winter	FC45	47.000	S10	0.5	0.790	0.039	0.0030	
240 minute winter	FC45	Infiltration		0.0				0.0
240 minute winter	FC46	48.000	S20	0.8	0.502	0.132	0.0094	
240 minute winter	FC46	Infiltration		0.0				0.0
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
240 minute winter	FC48	50.000	J42	0.6	0.424	0.045	0.0077	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC49	140	185.206	0.406	0.7	0.5245	0.0000	SURCHARGED
240 minute winter	FC50	140	185.206	0.406	0.7	0.5245	0.0000	SURCHARGED
240 minute winter	FC51	140	185.256	0.406	0.7	0.5243	0.0000	SURCHARGED
240 minute winter	FC52	140	185.652	0.402	0.7	0.5184	0.0000	SURCHARGED
240 minute winter	FC53	140	185.652	0.402	0.7	0.5193	0.0000	SURCHARGED
240 minute winter	FC54	132	185.516	0.266	0.6	0.3322	0.0000	SURCHARGED
240 minute winter	FC55	132	185.514	0.264	0.6	0.3300	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC48	Infiltration		0.0				0.0
240 minute winter	FC49	51.000	S21	0.6	0.480	0.106	0.0057	
240 minute winter	FC49	Infiltration		0.0				0.0
240 minute winter	FC50	52.000	J43	0.6	0.481	0.106	0.0061	
240 minute winter	FC50	Infiltration		0.0				0.0
240 minute winter	FC51	55.000	S22	0.6	0.483	0.106	0.0080	
240 minute winter	FC51	Infiltration		0.0				0.0
240 minute winter	FC52	58.000	S23	0.6	0.701	0.062	0.0049	
240 minute winter	FC52	Infiltration		0.0				0.0
240 minute winter	FC53	61.000	J50	0.6	0.659	0.067	0.0041	
240 minute winter	FC53	Infiltration		0.0				0.0
240 minute winter	FC54	62.000	J51	0.5	0.688	0.047	0.0029	
240 minute winter	FC54	Infiltration		0.0				0.0
240 minute winter	FC55	64.000	J53	0.5	0.867	0.034	0.0024	
240 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC56	132	185.614	0.264	0.6	0.3297	0.0000	SURCHARGED
240 minute winter	FC57	132	185.614	0.264	0.6	0.3302	0.0000	SURCHARGED
240 minute winter	FC58	132	185.614	0.264	0.6	0.3305	0.0000	SURCHARGED
240 minute winter	FC59	132	185.615	0.265	0.6	0.3312	0.0000	SURCHARGED
240 minute winter	FC60	140	185.750	0.400	0.7	0.5168	0.0000	SURCHARGED
240 minute winter	FC61	140	185.703	0.403	0.7	0.5198	0.0000	SURCHARGED
240 minute winter	FC62	144	185.875	0.625	1.0	0.9551	0.0000	SURCHARGED
240 minute winter	FC63	132	185.670	0.270	0.6	0.3372	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC56	53.000	J44	0.5	0.894	0.033	0.0037	
240 minute winter	FC56	Infiltration		0.0				0.0
240 minute winter	FC57	54.000	J45	0.5	0.840	0.036	0.0039	
240 minute winter	FC57	Infiltration		0.0				0.0
240 minute winter	FC58	56.000	J46	0.5	0.807	0.038	0.0039	
240 minute winter	FC58	Infiltration		0.0				0.0
240 minute winter	FC59	57.000	J47	0.5	0.749	0.042	0.0043	
240 minute winter	FC59	Infiltration		0.0				0.0
240 minute winter	FC60	59.000	J48	0.6	0.788	0.053	0.0052	
240 minute winter	FC60	Infiltration		0.0				0.0
240 minute winter	FC61	60.000	J49	0.6	0.632	0.073	0.0073	
240 minute winter	FC61	Infiltration		0.0				0.0
240 minute winter	FC62	63.000	J52	0.8	0.622	0.102	0.0119	
240 minute winter	FC62	Infiltration		0.0				0.0
240 minute winter	FC63	65.000	S26	0.5	0.342	0.086	0.0038	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC64	132	185.428	0.278	0.6	0.3475	0.0000	SURCHARGED
240 minute winter	FC65	140	185.552	0.401	0.7	0.5183	0.0000	SURCHARGED
240 minute winter	FC66	140	185.405	0.405	0.7	0.5227	0.0000	SURCHARGED
240 minute winter	FC67	156	184.916	0.116	0.6	1.1919	0.0000	SURCHARGED
240 minute winter	FC68	132	184.817	0.267	0.6	0.3340	0.0000	SURCHARGED
240 minute winter	J1	128	188.252	0.052	3.8	0.0759	0.0000	OK
240 minute winter	J2	128	188.128	0.072	4.4	0.0810	0.0000	OK
240 minute winter	J3	128	188.115	0.065	5.2	0.0733	0.0000	OK
240 minute winter	J4	128	188.085	0.046	5.6	0.0519	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC63	Infiltration		0.0				0.0
240 minute winter	FC64	66.000	J54	0.5	0.222	0.086	0.0067	
240 minute winter	FC64	Infiltration		0.0				0.0
240 minute winter	FC65	67.000	J55	0.6	0.313	0.065	0.0051	
240 minute winter	FC65	Infiltration		0.0				0.0
240 minute winter	FC66	68.000	S24	0.6	0.539	0.087	0.0025	
240 minute winter	FC66	Infiltration		0.0				0.0
240 minute winter	FC67	69.000	J56	0.3	0.389	0.054	0.0017	
240 minute winter	FC67	Infiltration		0.0				0.0
240 minute winter	FC68	70.000	J57	0.5	0.596	0.056	0.0019	
240 minute winter	FC68	Infiltration		0.0				0.0
240 minute winter	J1	1.001	J2	3.8	0.981	0.457	0.0194	
240 minute winter	J2	1.002	J3	4.4	0.563	0.326	0.0081	
240 minute winter	J3	1.003	J4	5.1	0.873	0.388	0.0115	
240 minute winter	J4	1.004	J5	5.6	1.326	0.165	0.0150	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J5	128	187.951	0.041	6.2	0.0468	0.0000	OK
240 minute winter	J6	128	187.709	0.059	6.7	0.0672	0.0000	OK
240 minute winter	J7	128	187.596	0.071	7.2	0.0806	0.0000	OK
240 minute winter	J8	128	187.566	0.045	7.9	0.0508	0.0000	OK
240 minute winter	J9	132	187.351	0.076	8.3	0.0857	0.0000	OK
240 minute winter	J10	132	187.315	0.045	9.1	0.0504	0.0000	OK
240 minute winter	J11	132	187.184	0.063	9.7	0.0715	0.0000	OK
240 minute winter	J12	132	186.887	0.078	14.2	0.0879	0.0000	OK
240 minute winter	J13	132	186.750	0.123	14.5	0.1394	0.0000	OK
240 minute winter	J14	132	186.737	0.115	15.1	0.1304	0.0000	OK
240 minute winter	J15	132	186.719	0.102	15.6	0.1155	0.0000	OK
240 minute winter	J16	132	186.684	0.079	16.1	0.0894	0.0000	OK
240 minute winter	J17	132	186.340	0.057	16.6	0.0647	0.0000	OK
240 minute winter	J18	132	186.202	0.077	19.2	0.0871	0.0000	OK
240 minute winter	J19	232	186.194	0.167	19.8	0.1892	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J5	1.005	J6	6.2	1.201	0.163	0.0296	
240 minute winter	J6	1.006	J7	6.7	1.163	0.236	0.0114	
240 minute winter	J7	1.007	J8	7.3	0.916	0.237	0.0093	
240 minute winter	J8	1.008	J9	7.8	0.914	0.088	0.0734	
240 minute winter	J9	1.009	J10	8.3	0.975	0.249	0.0104	
240 minute winter	J10	1.010	J11	9.1	1.250	0.070	0.0179	
240 minute winter	J11	1.011	S2	9.7	0.679	0.151	0.0777	
240 minute winter	J12	1.013	J13	14.2	1.256	0.212	0.0733	
240 minute winter	J13	1.014	J14	14.5	0.558	0.257	0.0495	
240 minute winter	J14	1.015	J15	15.1	0.654	0.267	0.0441	
240 minute winter	J15	1.016	J16	15.6	0.869	0.292	0.0921	
240 minute winter	J16	1.017	J17	16.1	1.209	0.113	0.0448	
240 minute winter	J17	1.018	S3	16.6	1.048	0.053	0.0305	
240 minute winter	J18	1.020	J19	19.2	0.916	0.067	0.0336	
240 minute winter	J19	1.021	S4	19.8	0.783	0.360	0.1733	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J20	240	186.183	0.152	2.9	0.1717	0.0000	SURCHARGED
240 minute winter	J21	240	186.183	0.174	3.5	0.1967	0.0000	SURCHARGED
240 minute winter	J22	240	186.183	0.220	4.1	0.2483	0.0000	SURCHARGED
240 minute winter	J23	240	186.183	0.241	4.4	0.2730	0.0000	SURCHARGED
240 minute winter	J24	240	186.182	0.365	7.0	0.4132	0.0000	SURCHARGED
240 minute winter	J25	240	186.188	0.392	7.6	0.4433	0.0000	SURCHARGED
240 minute winter	J26	244	186.182	0.403	8.2	0.4559	0.0000	SURCHARGED
240 minute winter	J27	240	186.192	0.456	10.9	0.5157	0.0000	SURCHARGED
240 minute winter	J28	124	186.404	0.048	2.6	0.0541	0.0000	OK
240 minute winter	J29	128	186.326	0.054	3.0	0.0616	0.0000	OK
240 minute winter	J30	132	186.226	0.079	6.2	0.0891	0.0000	OK
240 minute winter	J31	132	186.121	0.077	6.8	0.0871	0.0000	OK
240 minute winter	J32	132	186.084	0.073	7.4	0.0825	0.0000	OK
240 minute winter	J33	132	185.583	0.047	10.2	0.0537	0.0000	OK
240 minute winter	J34	128	185.217	0.092	12.8	0.1037	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J20	23.002	J21	2.9	0.513	0.217	0.0665	
240 minute winter	J21	23.003	J22	3.5	0.541	0.262	0.1411	
240 minute winter	J22	23.004	J23	4.1	0.582	0.305	0.0633	
240 minute winter	J23	23.005	S18	4.4	0.659	0.330	0.1321	
240 minute winter	J24	23.007	J25	7.0	0.479	0.233	0.2458	
240 minute winter	J25	23.008	J26	7.6	0.475	0.252	0.1975	
240 minute winter	J26	23.009	S19	8.2	0.492	0.269	0.1474	
240 minute winter	J27	23.011	S4	10.9	0.711	0.366	0.0951	
240 minute winter	J28	32.001	J29	2.5	0.634	0.430	0.0355	
240 minute winter	J29	32.002	S12	3.0	0.725	0.508	0.0193	
240 minute winter	J30	32.004	J31	6.2	0.703	0.469	0.0441	
240 minute winter	J31	32.005	J32	6.8	0.591	0.227	0.1127	
240 minute winter	J32	32.006	S13	7.4	0.860	0.247	0.0462	
240 minute winter	J33	32.008	S14	10.2	1.021	0.098	0.0928	
240 minute winter	J34	32.010	J35	12.8	1.079	0.332	0.1077	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J35	128	185.136	0.061	13.3	0.0690	0.0000	OK
240 minute winter	J36	128	184.973	0.098	13.9	0.1103	0.0000	OK
240 minute winter	J37	128	184.600	0.100	16.8	0.1129	0.0000	OK
240 minute winter	J38	128	184.433	0.133	19.7	0.1504	0.0000	OK
240 minute winter	J39	128	184.396	0.122	20.3	0.1376	0.0000	OK
240 minute winter	J40	128	184.366	0.101	20.9	0.1140	0.0000	OK
240 minute winter	J41	144	184.622	0.025	0.8	0.0277	0.0000	OK
240 minute winter	J42	140	184.571	0.034	1.4	0.0389	0.0000	OK
240 minute winter	J43	136	184.446	0.066	3.9	0.0751	0.0000	OK
240 minute winter	J44	136	184.433	0.063	4.4	0.0715	0.0000	OK
240 minute winter	J45	136	184.390	0.070	4.9	0.0789	0.0000	OK
240 minute winter	J46	136	184.327	0.105	7.4	0.1183	0.0000	OK
240 minute winter	J47	132	184.321	0.114	7.9	0.1287	0.0000	OK
240 minute winter	J48	136	184.307	0.113	10.4	0.1281	0.0000	OK
240 minute winter	J49	136	184.295	0.126	11.0	0.1425	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J35	32.011	J36	13.3	1.065	0.149	0.0864	
240 minute winter	J36	32.012	S15	13.9	1.046	0.463	0.0316	
240 minute winter	J37	32.014	S16	16.8	1.131	0.304	0.0782	
240 minute winter	J38	32.016	J39	19.7	0.691	0.364	0.3079	
240 minute winter	J39	32.017	J40	20.3	0.853	0.370	0.0869	
240 minute winter	J40	32.018	S10	20.9	1.066	0.210	0.1873	
240 minute winter	J41	48.002	J42	0.8	0.416	0.132	0.0120	
240 minute winter	J42	48.003	S21	1.4	0.605	0.239	0.0190	
240 minute winter	J43	48.005	J44	3.9	0.541	0.282	0.0117	
240 minute winter	J44	48.006	J45	4.4	0.590	0.333	0.0661	
240 minute winter	J45	48.007	S22	4.9	0.662	0.365	0.0178	
240 minute winter	J46	48.009	J47	7.4	0.387	0.239	0.0805	
240 minute winter	J47	48.010	S23	7.9	0.383	0.261	0.0543	
240 minute winter	J48	48.012	J49	10.4	0.488	0.348	0.1596	
240 minute winter	J49	48.013	J50	11.0	0.495	0.359	0.0253	

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J50	136	184.286	0.121	11.6	0.1369	0.0000	OK
240 minute winter	J51	132	184.273	0.125	12.1	0.1409	0.0000	OK
240 minute winter	J52	132	184.261	0.116	12.9	0.1317	0.0000	OK
240 minute winter	J53	132	184.237	0.110	13.4	0.1241	0.0000	OK
240 minute winter	J54	128	185.181	0.052	2.7	0.0583	0.0000	OK
240 minute winter	J55	128	185.142	0.048	3.3	0.0547	0.0000	OK
240 minute winter	J56	132	184.147	0.140	19.2	0.1583	0.0000	OK
240 minute winter	J57	132	184.125	0.139	19.7	0.1578	0.0000	OK
240 minute winter	BASIN 1	240	186.182	1.257	32.9	162.6606	0.0000	SURCHARGED
240 minute winter	BASIN 2	392	184.849	0.549	4.0	55.5335	0.0000	OK
240 minute winter	BASIN 3	480	183.118	0.018	26.8	195.3189	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J50	48.014	J51	11.6	0.525	0.389	0.1124	
240 minute winter	J51	48.015	J52	12.1	0.561	0.396	0.0246	
240 minute winter	J52	48.016	J53	12.9	0.647	0.424	0.0974	
240 minute winter	J53	48.017	S24	13.4	0.764	0.445	0.1804	
240 minute winter	J54	65.002	J55	2.7	0.685	0.453	0.0142	
240 minute winter	J55	65.003	S24	3.3	0.903	0.429	0.0285	
240 minute winter	J56	48.019	J57	19.2	0.597	0.354	0.2921	
240 minute winter	J57	48.020	S25	19.7	0.638	0.361	0.1890	
240 minute winter	BASIN 1	1.023	S5	3.9	0.191	0.047	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.8
240 minute winter	BASIN 2	1.027	S7	3.5	0.559	0.042	0.1405	
240 minute winter	BASIN 2	71.000	BH1	1.3	0.565	0.225	0.1829	
240 minute winter	BASIN 2	Infiltration		0.0				0.0
240 minute winter	BASIN 3	1.034	BH2	0.3	0.333	0.002	0.0127	
240 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	BASIN 4	280	183.820	0.489	23.8	145.5330	0.0000	SURCHARGED
240 minute winter	SWALE 1	240	184.930	0.056	3.9	0.0798	0.0000	OK
240 minute winter	SWALE 2	392	184.427	0.052	3.5	0.0749	0.0000	OK
240 minute winter	SWALE 3	128	184.107	0.112	23.7	0.1605	0.0000	OK
240 minute winter	BH1	392	184.849	0.772	1.3	3.0399	0.0000	OK
240 minute winter	BH2	480	183.087	0.004	0.3	0.1328	0.0000	OK
240 minute winter	BH3	280	183.820	0.500	1.6	3.9411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	BASIN 4	48.022	BH3	1.6	0.491	0.029	0.3211	
240 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	3.9	0.392	0.047	0.3720	
240 minute winter	SWALE 2	1.029	S8	3.5	0.536	0.042	0.1729	
240 minute winter	SWALE 3	1.033	BASIN 3	23.6	0.873	0.189	1.1687	
240 minute winter	BH1	Infiltration		0.1				2.3
240 minute winter	BH2	Infiltration		0.0				0.0
240 minute winter	BH3	Infiltration		0.2				4.6

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.402	0.032	1.9	0.0466	0.0000	OK
360 minute summer	S2	184	187.157	0.118	14.9	0.2042	0.0000	OK
360 minute summer	S3	360	186.258	0.121	20.1	0.1603	0.0000	OK
360 minute summer	S4	360	186.261	0.883	34.8	1.1323	0.0000	SURCHARGED
360 minute summer	S5	360	186.257	1.347	4.0	1.9272	0.0000	SURCHARGED
360 minute summer	S6	400	184.865	0.057	4.0	0.0815	0.0000	OK
360 minute summer	S7	416	184.788	0.029	3.8	0.0420	0.0000	OK
360 minute summer	S8	416	184.362	0.031	3.8	0.0451	0.0000	OK
360 minute summer	S9	184	184.197	0.072	3.8	0.1033	0.0000	OK
360 minute summer	S10	184	184.197	0.084	26.0	0.1532	0.0000	OK
360 minute summer	S11	184	186.448	0.048	2.4	0.0756	0.0000	OK
360 minute summer	S12	184	186.259	0.083	6.4	0.1229	0.0000	OK
360 minute summer	S13	184	186.045	0.052	10.5	0.0772	0.0000	OK
360 minute summer	S14	184	185.269	0.094	13.9	0.1474	0.0000	OK
360 minute summer	S15	184	184.939	0.072	17.8	0.1136	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S1	1.000	J1	1.9	0.569	0.216	0.0274	
360 minute summer	S2	1.012	J12	14.8	0.777	0.497	0.0285	
360 minute summer	S3	1.019	J18	20.1	1.015	0.377	0.1407	
360 minute summer	S4	1.022	BASIN 1	34.5	1.029	0.206	1.1778	
360 minute summer	S5	1.024	SWALE 1	4.0	0.388	0.048	0.2107	
360 minute summer	S6	1.026	BASIN 2	4.0	0.474	0.046	0.0579	
360 minute summer	S7	1.028	SWALE 2	3.8	0.571	0.013	0.1153	
360 minute summer	S8	1.030	S9	3.8	0.603	0.015	0.0890	
360 minute summer	S9	1.031	S10	3.8	0.637	0.045	0.1112	
360 minute summer	S10	1.032	SWALE 3	25.9	1.089	0.078	0.1042	
360 minute summer	S11	32.000	J28	2.4	0.613	0.401	0.0176	
360 minute summer	S12	32.003	J30	6.3	0.628	0.475	0.0513	
360 minute summer	S13	32.007	J33	10.5	1.569	0.107	0.0868	
360 minute summer	S14	32.009	J34	13.9	0.869	0.273	0.0836	
360 minute summer	S15	32.013	J37	17.8	1.712	0.193	0.0971	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.550	0.063	21.1	0.0959	0.0000	OK
360 minute summer	S17	360	186.258	0.108	2.8	0.1724	0.0000	SURCHARGED
360 minute summer	S18	360	186.258	0.434	7.2	0.6409	0.0000	SURCHARGED
360 minute summer	S19	360	186.259	0.493	11.3	0.7108	0.0000	SURCHARGED
360 minute summer	S20	208	184.668	0.026	0.8	0.0289	0.0000	OK
360 minute summer	S21	184	184.468	0.059	3.6	0.0780	0.0000	OK
360 minute summer	S22	192	184.339	0.107	7.4	0.1393	0.0000	OK
360 minute summer	S23	192	184.322	0.124	10.6	0.1602	0.0000	OK
360 minute summer	S24	192	184.169	0.152	20.4	0.2001	0.0000	OK
360 minute summer	S25	192	184.107	0.137	22.9	0.1894	0.0000	OK
360 minute summer	S26	184	185.411	0.033	2.5	0.0494	0.0000	OK
360 minute summer	FC1	200	188.724	0.474	0.9	0.6114	0.0000	SURCHARGED
360 minute summer	FC2	200	188.625	0.475	0.9	0.6127	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S16	32.015	J38	21.1	1.003	0.066	0.0497	
360 minute summer	S17	23.001	J20	2.8	0.719	0.467	0.0560	
360 minute summer	S18	23.006	J24	7.2	0.472	0.225	0.0729	
360 minute summer	S19	23.010	J27	11.2	0.623	0.375	0.3541	
360 minute summer	S20	48.001	J41	0.8	0.513	0.132	0.0071	
360 minute summer	S21	48.004	J43	3.5	0.499	0.266	0.0365	
360 minute summer	S22	48.008	J46	7.4	0.397	0.235	0.0465	
360 minute summer	S23	48.011	J48	10.6	0.487	0.343	0.0247	
360 minute summer	S24	48.018	J56	20.4	0.582	0.381	0.1486	
360 minute summer	S25	48.021	BASIN 4	23.0	0.816	0.431	0.1083	
360 minute summer	S26	65.001	J54	2.5	0.748	0.241	0.0285	
360 minute summer	FC1	2.000	J1	0.7	0.311	0.110	0.0137	
360 minute summer	FC1	Infiltration		0.0				0.0
360 minute summer	FC2	3.000	J2	0.7	0.493	0.114	0.0067	
360 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC3	208	188.828	0.628	1.2	1.0438	0.0000	SURCHARGED
360 minute summer	FC4	192	188.516	0.315	0.7	0.3947	0.0000	SURCHARGED
360 minute summer	FC5	200	188.475	0.475	0.9	0.6129	0.0000	SURCHARGED
360 minute summer	FC6	192	188.164	0.314	0.7	0.3933	0.0000	SURCHARGED
360 minute summer	FC7	192	188.066	0.316	0.7	0.3952	0.0000	SURCHARGED
360 minute summer	FC8	200	188.220	0.470	0.9	0.6073	0.0000	SURCHARGED
360 minute summer	FC9	192	187.787	0.317	0.7	0.3970	0.0000	SURCHARGED
360 minute summer	FC10	208	188.099	0.629	1.2	1.0417	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
360 minute summer	FC3	Infiltration		0.0				0.0
360 minute summer	FC4	5.000	J4	0.6	0.548	0.074	0.0074	
360 minute summer	FC4	Infiltration		0.0				0.0
360 minute summer	FC5	6.000	J5	0.7	0.491	0.115	0.0057	
360 minute summer	FC5	Infiltration		0.0				0.0
360 minute summer	FC6	7.000	J6	0.6	0.611	0.063	0.0066	
360 minute summer	FC6	Infiltration		0.0				0.0
360 minute summer	FC7	8.000	J7	0.6	0.530	0.078	0.0075	
360 minute summer	FC7	Infiltration		0.0				0.0
360 minute summer	FC8	9.000	J8	0.7	0.689	0.071	0.0041	
360 minute summer	FC8	Infiltration		0.0				0.0
360 minute summer	FC9	10.000	J9	0.5	0.468	0.093	0.0085	
360 minute summer	FC9	Infiltration		0.0				0.0
360 minute summer	FC10	11.000	J10	0.8	0.558	0.119	0.0088	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC11	200	187.795	0.474	0.9	0.6125	0.0000	SURCHARGED
360 minute summer	FC12	200	187.705	0.475	0.9	0.6126	0.0000	SURCHARGED
360 minute summer	FC13	200	187.475	0.474	0.9	0.6125	0.0000	SURCHARGED
360 minute summer	FC14	216	187.048	0.148	0.9	1.8881	0.0000	SURCHARGED
360 minute summer	FC15	192	187.511	0.311	0.7	0.3887	0.0000	SURCHARGED
360 minute summer	FC16	192	187.217	0.317	0.7	0.3964	0.0000	SURCHARGED
360 minute summer	FC17	192	187.312	0.312	0.7	0.3907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC10	Infiltration		0.0				0.0
360 minute summer	FC11	12.000	J11	0.7	0.495	0.115	0.0106	
360 minute summer	FC11	Infiltration		0.0				0.0
360 minute summer	FC12	13.000	S2	0.7	0.495	0.115	0.0095	
360 minute summer	FC12	Infiltration		0.0				0.0
360 minute summer	FC13	14.000	J12	0.7	0.496	0.115	0.0094	
360 minute summer	FC13	Infiltration		0.0				0.0
360 minute summer	FC14	15.000	J13	0.4	0.416	0.062	0.0066	
360 minute summer	FC14	Infiltration		0.0				0.0
360 minute summer	FC15	16.000	J14	0.6	0.988	0.032	0.0026	
360 minute summer	FC15	Infiltration		0.0				0.0
360 minute summer	FC16	17.000	J15	0.5	0.489	0.087	0.0085	
360 minute summer	FC16	Infiltration		0.0				0.0
360 minute summer	FC17	18.000	J16	0.6	0.774	0.045	0.0034	
360 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC18	192	186.867	0.317	0.7	0.3971	0.0000	SURCHARGED
360 minute summer	FC19	200	186.875	0.475	0.9	0.6126	0.0000	SURCHARGED
360 minute summer	FC20	200	187.417	0.467	0.9	0.6028	0.0000	SURCHARGED
360 minute summer	FC21	200	186.775	0.474	0.9	0.6126	0.0000	SURCHARGED
360 minute summer	FC22	216	186.576	0.126	0.7	1.2183	0.0000	SURCHARGED
360 minute summer	FC23	192	186.612	0.312	0.7	0.3901	0.0000	SURCHARGED
360 minute summer	FC24	200	186.768	0.468	0.9	0.6039	0.0000	SURCHARGED
360 minute summer	FC25	200	187.017	0.467	0.9	0.6029	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC18	19.000	J17	0.5	0.466	0.093	0.0083	
360 minute summer	FC18	Infiltration		0.0				0.0
360 minute summer	FC19	20.000	S3	0.7	0.493	0.115	0.0091	
360 minute summer	FC19	Infiltration		0.0				0.0
360 minute summer	FC20	21.000	J18	0.7	0.994	0.042	0.0030	
360 minute summer	FC20	Infiltration		0.0				0.0
360 minute summer	FC21	22.000	J19	0.7	0.495	0.115	0.0105	
360 minute summer	FC21	Infiltration		0.0				0.0
360 minute summer	FC22	23.000	S17	0.3	0.322	0.022	0.0193	
360 minute summer	FC22	Infiltration		0.0				0.0
360 minute summer	FC23	24.000	J20	0.6	0.820	0.041	0.0187	
360 minute summer	FC23	Infiltration		0.0				0.0
360 minute summer	FC24	25.000	J21	0.7	0.899	0.049	0.0193	
360 minute summer	FC24	Infiltration		0.0				0.0
360 minute summer	FC25	26.000	J22	0.7	0.987	0.043	0.0047	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC26	216	186.573	0.123	0.7	1.2413	0.0000	SURCHARGED
360 minute summer	FC27	192	186.810	0.310	0.7	0.3881	0.0000	SURCHARGED
360 minute summer	FC28	200	186.967	0.467	0.9	0.6028	0.0000	SURCHARGED
360 minute summer	FC29	200	186.967	0.467	0.9	0.6031	0.0000	SURCHARGED
360 minute summer	FC30	200	187.218	0.467	0.9	0.6035	0.0000	SURCHARGED
360 minute summer	FC31	192	186.764	0.314	0.7	0.3926	0.0000	SURCHARGED
360 minute summer	FC32	192	186.762	0.312	0.7	0.3902	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC25	Infiltration		0.0				0.0
360 minute summer	FC26	27.000	J23	0.3	0.710	0.025	0.0047	
360 minute summer	FC26	Infiltration		0.0				0.0
360 minute summer	FC27	28.000	J24	0.6	1.150	0.026	0.0184	
360 minute summer	FC27	Infiltration		0.0				0.0
360 minute summer	FC28	29.000	J25	0.7	0.992	0.043	0.0106	
360 minute summer	FC28	Infiltration		0.0				0.0
360 minute summer	FC29	30.000	J26	0.7	0.966	0.044	0.0112	
360 minute summer	FC29	Infiltration		0.0				0.0
360 minute summer	FC30	31.000	J27	0.7	0.927	0.047	0.0032	
360 minute summer	FC30	Infiltration		0.0				0.0
360 minute summer	FC31	33.000	J28	0.6	0.290	0.061	0.0104	
360 minute summer	FC31	Infiltration		0.0				0.0
360 minute summer	FC32	34.000	J29	0.6	0.254	0.044	0.0112	
360 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC33	200	186.917	0.467	0.9	0.6034	0.0000	SURCHARGED
360 minute summer	FC34	200	186.924	0.474	0.9	0.6122	0.0000	SURCHARGED
360 minute summer	FC35	200	186.918	0.468	0.9	0.6036	0.0000	SURCHARGED
360 minute summer	FC36	200	186.917	0.467	0.9	0.6031	0.0000	SURCHARGED
360 minute summer	FC37	208	186.430	0.630	1.2	1.0349	0.0000	SURCHARGED
360 minute summer	FC38	216	185.562	0.112	0.7	1.3431	0.0000	SURCHARGED
360 minute summer	FC39	192	185.762	0.311	0.7	0.3896	0.0000	SURCHARGED
360 minute summer	FC40	200	185.966	0.466	0.9	0.6017	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC33	35.000	S12	0.7	0.877	0.048	0.0061	
360 minute summer	FC33	Infiltration		0.0				0.0
360 minute summer	FC34	36.000	J30	0.7	0.507	0.110	0.0064	
360 minute summer	FC34	Infiltration		0.0				0.0
360 minute summer	FC35	37.000	J31	0.7	0.918	0.048	0.0038	
360 minute summer	FC35	Infiltration		0.0				0.0
360 minute summer	FC36	38.000	J32	0.7	0.962	0.045	0.0035	
360 minute summer	FC36	Infiltration		0.0				0.0
360 minute summer	FC37	39.000	J33	0.8	0.686	0.089	0.0075	
360 minute summer	FC37	Infiltration		0.0				0.0
360 minute summer	FC38	40.000	J34	0.3	0.671	0.026	0.0023	
360 minute summer	FC38	Infiltration		0.0				0.0
360 minute summer	FC39	41.000	J35	0.6	0.870	0.038	0.0028	
360 minute summer	FC39	Infiltration		0.0				0.0
360 minute summer	FC40	42.000	J36	0.7	1.131	0.035	0.0031	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC41	200	185.320	0.470	0.9	0.6063	0.0000	SURCHARGED
360 minute summer	FC42	200	185.071	0.471	0.9	0.6083	0.0000	SURCHARGED
360 minute summer	FC43	200	185.070	0.470	0.9	0.6065	0.0000	SURCHARGED
360 minute summer	FC44	184	184.618	0.018	0.7	0.0224	0.0000	OK
360 minute summer	FC45	192	184.912	0.312	0.7	0.3903	0.0000	SURCHARGED
360 minute summer	FC46	208	185.329	0.629	1.2	1.0442	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.267	0.467	0.9	0.6034	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC40	Infiltration		0.0				0.0
360 minute summer	FC41	43.000	J37	0.7	0.738	0.065	0.0046	
360 minute summer	FC41	Infiltration		0.0				0.0
360 minute summer	FC42	44.000	J38	0.7	0.643	0.079	0.0052	
360 minute summer	FC42	Infiltration		0.0				0.0
360 minute summer	FC43	45.000	J39	0.7	0.729	0.066	0.0040	
360 minute summer	FC43	Infiltration		0.0				0.0
360 minute summer	FC44	46.000	J40	0.7	0.749	0.065	0.0041	
360 minute summer	FC44	Infiltration		0.0				0.0
360 minute summer	FC45	47.000	S10	0.6	0.809	0.042	0.0031	
360 minute summer	FC45	Infiltration		0.0				0.0
360 minute summer	FC46	48.000	S20	0.8	0.503	0.132	0.0094	
360 minute summer	FC46	Infiltration		0.0				0.0
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
360 minute summer	FC48	50.000	J42	0.7	0.442	0.049	0.0080	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC49	200	185.275	0.475	0.9	0.6129	0.0000	SURCHARGED
360 minute summer	FC50	200	185.275	0.475	0.9	0.6128	0.0000	SURCHARGED
360 minute summer	FC51	200	185.325	0.475	0.9	0.6126	0.0000	SURCHARGED
360 minute summer	FC52	200	185.720	0.470	0.9	0.6066	0.0000	SURCHARGED
360 minute summer	FC53	200	185.721	0.471	0.9	0.6076	0.0000	SURCHARGED
360 minute summer	FC54	192	185.563	0.313	0.7	0.3917	0.0000	SURCHARGED
360 minute summer	FC55	192	185.561	0.311	0.7	0.3895	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC48	Infiltration		0.0				0.0
360 minute summer	FC49	51.000	S21	0.7	0.491	0.115	0.0060	
360 minute summer	FC49	Infiltration		0.0				0.0
360 minute summer	FC50	52.000	J43	0.7	0.491	0.115	0.0065	
360 minute summer	FC50	Infiltration		0.0				0.0
360 minute summer	FC51	55.000	S22	0.7	0.494	0.115	0.0085	
360 minute summer	FC51	Infiltration		0.0				0.0
360 minute summer	FC52	58.000	S23	0.7	0.718	0.067	0.0052	
360 minute summer	FC52	Infiltration		0.0				0.0
360 minute summer	FC53	61.000	J50	0.7	0.674	0.073	0.0043	
360 minute summer	FC53	Infiltration		0.0				0.0
360 minute summer	FC54	62.000	J51	0.6	0.705	0.051	0.0031	
360 minute summer	FC54	Infiltration		0.0				0.0
360 minute summer	FC55	64.000	J53	0.6	0.889	0.037	0.0026	
360 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC56	192	185.661	0.311	0.7	0.3892	0.0000	SURCHARGED
360 minute summer	FC57	192	185.662	0.312	0.7	0.3897	0.0000	SURCHARGED
360 minute summer	FC58	192	185.662	0.312	0.7	0.3900	0.0000	SURCHARGED
360 minute summer	FC59	192	185.662	0.312	0.7	0.3907	0.0000	SURCHARGED
360 minute summer	FC60	200	185.819	0.469	0.9	0.6051	0.0000	SURCHARGED
360 minute summer	FC61	200	185.771	0.471	0.9	0.6081	0.0000	SURCHARGED
360 minute summer	FC62	208	185.878	0.628	1.2	1.0387	0.0000	SURCHARGED
360 minute summer	FC63	192	185.717	0.317	0.7	0.3967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC56	53.000	J44	0.6	0.918	0.036	0.0040	
360 minute summer	FC56	Infiltration		0.0				0.0
360 minute summer	FC57	54.000	J45	0.6	0.861	0.039	0.0041	
360 minute summer	FC57	Infiltration		0.0				0.0
360 minute summer	FC58	56.000	J46	0.6	0.828	0.041	0.0041	
360 minute summer	FC58	Infiltration		0.0				0.0
360 minute summer	FC59	57.000	J47	0.6	0.768	0.046	0.0046	
360 minute summer	FC59	Infiltration		0.0				0.0
360 minute summer	FC60	59.000	J48	0.7	0.807	0.057	0.0056	
360 minute summer	FC60	Infiltration		0.0				0.0
360 minute summer	FC61	60.000	J49	0.7	0.647	0.079	0.0078	
360 minute summer	FC61	Infiltration		0.0				0.0
360 minute summer	FC62	63.000	J52	0.8	0.622	0.103	0.0119	
360 minute summer	FC62	Infiltration		0.0				0.0
360 minute summer	FC63	65.000	S26	0.5	0.361	0.093	0.0041	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC64	192	185.476	0.326	0.7	0.4082	0.0000	SURCHARGED
360 minute summer	FC65	200	185.620	0.470	0.9	0.6065	0.0000	SURCHARGED
360 minute summer	FC66	200	185.473	0.473	0.9	0.6111	0.0000	SURCHARGED
360 minute summer	FC67	216	184.924	0.124	0.7	1.2744	0.0000	SURCHARGED
360 minute summer	FC68	192	184.865	0.315	0.7	0.3935	0.0000	SURCHARGED
360 minute summer	J1	184	188.257	0.056	4.4	0.0831	0.0000	OK
360 minute summer	J2	184	188.132	0.076	5.0	0.0864	0.0000	OK
360 minute summer	J3	184	188.119	0.068	5.7	0.0774	0.0000	OK
360 minute summer	J4	184	188.088	0.048	6.2	0.0548	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC63	Infiltration		0.0				0.0
360 minute summer	FC64	66.000	J54	0.6	0.230	0.095	0.0074	
360 minute summer	FC64	Infiltration		0.0				0.0
360 minute summer	FC65	67.000	J55	0.7	0.319	0.070	0.0054	
360 minute summer	FC65	Infiltration		0.0				0.0
360 minute summer	FC66	68.000	S24	0.7	0.551	0.094	0.0026	
360 minute summer	FC66	Infiltration		0.0				0.0
360 minute summer	FC67	69.000	J56	0.3	0.393	0.056	0.0018	
360 minute summer	FC67	Infiltration		0.0				0.0
360 minute summer	FC68	70.000	J57	0.6	0.610	0.061	0.0021	
360 minute summer	FC68	Infiltration		0.0				0.0
360 minute summer	J1	1.001	J2	4.4	1.013	0.527	0.0217	
360 minute summer	J2	1.002	J3	5.0	0.589	0.369	0.0087	
360 minute summer	J3	1.003	J4	5.7	0.898	0.429	0.0124	
360 minute summer	J4	1.004	J5	6.2	1.356	0.182	0.0162	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J5	184	187.953	0.043	6.8	0.0491	0.0000	OK
360 minute summer	J6	184	187.712	0.062	7.3	0.0705	0.0000	OK
360 minute summer	J7	184	187.599	0.074	7.8	0.0838	0.0000	OK
360 minute summer	J8	192	187.568	0.047	8.2	0.0527	0.0000	OK
360 minute summer	J9	192	187.354	0.079	9.0	0.0892	0.0000	OK
360 minute summer	J10	192	187.317	0.046	9.7	0.0525	0.0000	OK
360 minute summer	J11	192	187.187	0.066	10.4	0.0750	0.0000	OK
360 minute summer	J12	184	186.890	0.081	15.4	0.0920	0.0000	OK
360 minute summer	J13	192	186.755	0.128	15.7	0.1451	0.0000	OK
360 minute summer	J14	192	186.742	0.120	16.2	0.1357	0.0000	OK
360 minute summer	J15	192	186.723	0.106	16.8	0.1201	0.0000	OK
360 minute summer	J16	192	186.687	0.082	17.3	0.0932	0.0000	OK
360 minute summer	J17	192	186.343	0.060	17.9	0.0681	0.0000	OK
360 minute summer	J18	336	186.257	0.132	20.7	0.1496	0.0000	OK
360 minute summer	J19	360	186.262	0.235	21.4	0.2653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J5	1.005	J6	6.8	1.226	0.178	0.0316	
360 minute summer	J6	1.006	J7	7.3	1.185	0.256	0.0121	
360 minute summer	J7	1.007	J8	7.6	0.903	0.247	0.0097	
360 minute summer	J8	1.008	J9	8.4	0.935	0.095	0.0775	
360 minute summer	J9	1.009	J10	9.0	0.995	0.269	0.0110	
360 minute summer	J10	1.010	J11	9.8	1.268	0.076	0.0191	
360 minute summer	J11	1.011	S2	10.4	0.687	0.162	0.0822	
360 minute summer	J12	1.013	J13	15.4	1.281	0.230	0.0779	
360 minute summer	J13	1.014	J14	15.7	0.571	0.277	0.0522	
360 minute summer	J14	1.015	J15	16.2	0.669	0.288	0.0465	
360 minute summer	J15	1.016	J16	16.8	0.886	0.314	0.0974	
360 minute summer	J16	1.017	J17	17.3	1.231	0.122	0.0474	
360 minute summer	J17	1.018	S3	17.9	1.060	0.058	0.0324	
360 minute summer	J18	1.020	J19	20.8	0.927	0.072	0.0651	
360 minute summer	J19	1.021	S4	21.4	0.802	0.389	0.2655	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J20	360	186.258	0.227	3.3	0.2569	0.0000	SURCHARGED
360 minute summer	J21	360	186.258	0.249	3.9	0.2817	0.0000	SURCHARGED
360 minute summer	J22	360	186.258	0.295	4.5	0.3337	0.0000	SURCHARGED
360 minute summer	J23	360	186.258	0.316	4.8	0.3574	0.0000	SURCHARGED
360 minute summer	J24	360	186.258	0.441	7.7	0.4986	0.0000	SURCHARGED
360 minute summer	J25	360	186.258	0.462	8.3	0.5225	0.0000	SURCHARGED
360 minute summer	J26	360	186.256	0.477	8.9	0.5400	0.0000	SURCHARGED
360 minute summer	J27	336	186.262	0.526	11.9	0.5947	0.0000	SURCHARGED
360 minute summer	J28	184	186.408	0.051	2.9	0.0582	0.0000	OK
360 minute summer	J29	184	186.329	0.058	3.4	0.0661	0.0000	OK
360 minute summer	J30	184	186.231	0.084	7.0	0.0952	0.0000	OK
360 minute summer	J31	184	186.125	0.081	7.5	0.0918	0.0000	OK
360 minute summer	J32	184	186.087	0.076	8.1	0.0862	0.0000	OK
360 minute summer	J33	184	185.585	0.050	11.2	0.0562	0.0000	OK
360 minute summer	J34	184	185.222	0.097	14.1	0.1093	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J20	23.002	J21	3.3	0.526	0.242	0.0665	
360 minute summer	J21	23.003	J22	3.9	0.553	0.288	0.1411	
360 minute summer	J22	23.004	J23	4.5	0.596	0.329	0.0633	
360 minute summer	J23	23.005	S18	4.8	0.672	0.356	0.1321	
360 minute summer	J24	23.007	J25	7.7	0.486	0.254	0.2458	
360 minute summer	J25	23.008	J26	8.2	0.481	0.273	0.1975	
360 minute summer	J26	23.009	S19	8.9	0.499	0.292	0.1474	
360 minute summer	J27	23.011	S4	11.8	0.727	0.396	0.0951	
360 minute summer	J28	32.001	J29	2.9	0.652	0.485	0.0389	
360 minute summer	J29	32.002	S12	3.4	0.743	0.566	0.0210	
360 minute summer	J30	32.004	J31	6.9	0.722	0.522	0.0477	
360 minute summer	J31	32.005	J32	7.5	0.608	0.250	0.1203	
360 minute summer	J32	32.006	S13	8.1	0.883	0.269	0.0495	
360 minute summer	J33	32.008	S14	11.2	1.036	0.108	0.1003	
360 minute summer	J34	32.010	J35	14.1	1.104	0.365	0.1158	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J35	184	185.140	0.065	14.6	0.0730	0.0000	OK
360 minute summer	J36	184	184.977	0.102	15.2	0.1157	0.0000	OK
360 minute summer	J37	184	184.605	0.105	18.4	0.1184	0.0000	OK
360 minute summer	J38	184	184.440	0.140	21.7	0.1587	0.0000	OK
360 minute summer	J39	184	184.402	0.128	22.2	0.1447	0.0000	OK
360 minute summer	J40	184	184.371	0.106	22.8	0.1198	0.0000	OK
360 minute summer	J41	208	184.622	0.025	0.8	0.0278	0.0000	OK
360 minute summer	J42	200	184.572	0.035	1.5	0.0398	0.0000	OK
360 minute summer	J43	192	184.449	0.069	4.2	0.0783	0.0000	OK
360 minute summer	J44	192	184.436	0.066	4.8	0.0745	0.0000	OK
360 minute summer	J45	192	184.393	0.073	5.3	0.0823	0.0000	OK
360 minute summer	J46	192	184.333	0.111	7.9	0.1258	0.0000	OK
360 minute summer	J47	192	184.328	0.121	8.5	0.1363	0.0000	OK
360 minute summer	J48	192	184.314	0.120	11.2	0.1357	0.0000	OK
360 minute summer	J49	192	184.302	0.133	11.9	0.1499	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J35	32.011	J36	14.6	1.089	0.164	0.0925	
360 minute summer	J36	32.012	S15	15.1	1.069	0.505	0.0338	
360 minute summer	J37	32.014	S16	18.4	1.147	0.333	0.0844	
360 minute summer	J38	32.016	J39	21.6	0.709	0.400	0.3297	
360 minute summer	J39	32.017	J40	22.1	0.872	0.405	0.0930	
360 minute summer	J40	32.018	S10	22.8	1.090	0.229	0.2000	
360 minute summer	J41	48.002	J42	0.8	0.419	0.132	0.0123	
360 minute summer	J42	48.003	S21	1.5	0.612	0.249	0.0196	
360 minute summer	J43	48.005	J44	4.2	0.548	0.301	0.0123	
360 minute summer	J44	48.006	J45	4.8	0.598	0.356	0.0698	
360 minute summer	J45	48.007	S22	5.3	0.674	0.391	0.0188	
360 minute summer	J46	48.009	J47	7.9	0.388	0.258	0.0868	
360 minute summer	J47	48.010	S23	8.5	0.385	0.282	0.0582	
360 minute summer	J48	48.012	J49	11.2	0.494	0.376	0.1707	
360 minute summer	J49	48.013	J50	11.9	0.502	0.389	0.0270	

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J50	192	184.293	0.127	12.6	0.1442	0.0000	OK
360 minute summer	J51	192	184.279	0.131	13.1	0.1477	0.0000	OK
360 minute summer	J52	192	184.266	0.122	13.9	0.1379	0.0000	OK
360 minute summer	J53	192	184.242	0.115	14.5	0.1297	0.0000	OK
360 minute summer	J54	184	185.184	0.055	3.0	0.0621	0.0000	OK
360 minute summer	J55	184	185.145	0.051	3.6	0.0576	0.0000	OK
360 minute summer	J56	192	184.154	0.146	20.7	0.1657	0.0000	OK
360 minute summer	J57	192	184.131	0.146	21.2	0.1647	0.0000	OK
360 minute summer	BASIN 1	360	186.257	1.332	35.6	175.2690	0.0000	SURCHARGED
360 minute summer	BASIN 2	416	184.851	0.551	4.1	55.7720	0.0000	OK
360 minute summer	BASIN 3	600	183.227	0.127	29.4	239.5862	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J50	48.014	J51	12.6	0.535	0.422	0.1194	
360 minute summer	J51	48.015	J52	13.1	0.574	0.429	0.0260	
360 minute summer	J52	48.016	J53	13.9	0.659	0.457	0.1030	
360 minute summer	J53	48.017	S24	14.5	0.780	0.480	0.1905	
360 minute summer	J54	65.002	J55	3.0	0.705	0.501	0.0153	
360 minute summer	J55	65.003	S24	3.6	0.921	0.467	0.0303	
360 minute summer	J56	48.019	J57	20.7	0.608	0.381	0.3092	
360 minute summer	J57	48.020	S25	21.2	0.652	0.389	0.1994	
360 minute summer	BASIN 1	1.023	S5	4.0	0.166	0.048	0.9418	
360 minute summer	BASIN 1	Infiltration		0.1				3.5
360 minute summer	BASIN 2	1.027	S7	3.8	0.576	0.046	0.1487	
360 minute summer	BASIN 2	71.000	BH1	1.1	0.559	0.180	0.1829	
360 minute summer	BASIN 2	Infiltration		0.0				0.0
360 minute summer	BASIN 3	1.034	BH2	1.3	0.352	0.011	0.4615	
360 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	BASIN 4	400	183.901	0.571	25.7	171.7032	0.0000	SURCHARGED
360 minute summer	SWALE 1	360	184.931	0.057	4.0	0.0809	0.0000	OK
360 minute summer	SWALE 2	416	184.429	0.054	3.8	0.0778	0.0000	OK
360 minute summer	SWALE 3	192	184.112	0.117	25.9	0.1678	0.0000	OK
360 minute summer	BH1	416	184.851	0.774	1.1	3.0459	0.0000	OK
360 minute summer	BH2	600	183.227	0.144	1.3	2.3197	0.0000	OK
360 minute summer	BH3	400	183.901	0.582	1.2	4.3231	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	BASIN 4	48.022	BH3	1.2	0.461	0.022	0.3211	
360 minute summer	BASIN 4	Infiltration		0.0				0.0
360 minute summer	SWALE 1	1.025	S6	4.0	0.396	0.048	0.3874	
360 minute summer	SWALE 2	1.029	S8	3.8	0.550	0.046	0.1830	
360 minute summer	SWALE 3	1.033	BASIN 3	25.7	0.894	0.206	1.2426	
360 minute summer	BH1	Infiltration		0.1				3.0
360 minute summer	BH2	Infiltration		0.2				2.2
360 minute summer	BH3	Infiltration		0.2				5.9

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.395	0.025	1.2	0.0369	0.0000	OK
360 minute winter	S2	192	187.140	0.101	11.1	0.1745	0.0000	OK
360 minute winter	S3	352	186.246	0.109	15.2	0.1444	0.0000	OK
360 minute winter	S4	360	186.247	0.869	26.1	1.1136	0.0000	SURCHARGED
360 minute winter	S5	352	186.247	1.337	4.0	1.9128	0.0000	SURCHARGED
360 minute winter	S6	400	184.865	0.057	4.0	0.0811	0.0000	OK
360 minute winter	S7	416	184.788	0.029	3.8	0.0418	0.0000	OK
360 minute winter	S8	416	184.361	0.031	3.8	0.0449	0.0000	OK
360 minute winter	S9	184	184.182	0.057	3.8	0.0812	0.0000	OK
360 minute winter	S10	184	184.182	0.069	18.7	0.1251	0.0000	OK
360 minute winter	S11	184	186.438	0.038	1.6	0.0593	0.0000	OK
360 minute winter	S12	184	186.242	0.066	4.5	0.0982	0.0000	OK
360 minute winter	S13	184	186.037	0.043	7.6	0.0651	0.0000	OK
360 minute winter	S14	184	185.252	0.077	10.0	0.1213	0.0000	OK
360 minute winter	S15	184	184.927	0.060	12.9	0.0950	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S1	1.000	J1	1.2	0.505	0.137	0.0200	
360 minute winter	S2	1.012	J12	11.1	0.714	0.373	0.0233	
360 minute winter	S3	1.019	J18	15.1	0.987	0.284	0.1318	
360 minute winter	S4	1.022	BASIN 1	25.9	1.052	0.155	1.1778	
360 minute winter	S5	1.024	SWALE 1	4.0	0.387	0.048	0.2101	
360 minute winter	S6	1.026	BASIN 2	4.0	0.473	0.046	0.0575	
360 minute winter	S7	1.028	SWALE 2	3.8	0.569	0.012	0.1146	
360 minute winter	S8	1.030	S9	3.8	0.601	0.014	0.0769	
360 minute winter	S9	1.031	S10	3.8	0.635	0.045	0.0811	
360 minute winter	S10	1.032	SWALE 3	18.7	1.018	0.057	0.0807	
360 minute winter	S11	32.000	J28	1.6	0.558	0.268	0.0130	
360 minute winter	S12	32.003	J30	4.5	0.579	0.333	0.0391	
360 minute winter	S13	32.007	J33	7.5	1.427	0.077	0.0688	
360 minute winter	S14	32.009	J34	10.0	0.800	0.197	0.0654	
360 minute winter	S15	32.013	J37	12.9	1.574	0.139	0.0764	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	184	184.537	0.050	15.2	0.0761	0.0000	OK
360 minute winter	S17	352	186.248	0.098	1.9	0.1559	0.0000	OK
360 minute winter	S18	352	186.248	0.424	5.2	0.6264	0.0000	SURCHARGED
360 minute winter	S19	360	186.246	0.480	8.3	0.6919	0.0000	SURCHARGED
360 minute winter	S20	200	184.666	0.024	0.7	0.0273	0.0000	OK
360 minute winter	S21	200	184.460	0.051	2.8	0.0673	0.0000	OK
360 minute winter	S22	200	184.318	0.087	5.7	0.1124	0.0000	OK
360 minute winter	S23	200	184.301	0.103	8.0	0.1325	0.0000	OK
360 minute winter	S24	200	184.145	0.128	15.4	0.1689	0.0000	OK
360 minute winter	S25	200	184.088	0.118	17.2	0.1626	0.0000	OK
360 minute winter	S26	184	185.404	0.027	1.7	0.0403	0.0000	OK
360 minute winter	FC1	200	188.556	0.306	0.6	0.3955	0.0000	SURCHARGED
360 minute winter	FC2	200	188.457	0.307	0.6	0.3967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S16	32.015	J38	15.2	0.950	0.048	0.0382	
360 minute winter	S17	23.001	J20	1.9	0.653	0.316	0.0559	
360 minute winter	S18	23.006	J24	5.2	0.449	0.163	0.0729	
360 minute winter	S19	23.010	J27	8.3	0.574	0.275	0.3541	
360 minute winter	S20	48.001	J41	0.7	0.498	0.119	0.0066	
360 minute winter	S21	48.004	J43	2.8	0.475	0.209	0.0301	
360 minute winter	S22	48.008	J46	5.7	0.394	0.180	0.0351	
360 minute winter	S23	48.011	J48	8.0	0.468	0.259	0.0193	
360 minute winter	S24	48.018	J56	15.4	0.547	0.288	0.1193	
360 minute winter	S25	48.021	BASIN 4	17.2	0.751	0.324	0.0885	
360 minute winter	S26	65.001	J54	1.7	0.672	0.162	0.0215	
360 minute winter	FC1	2.000	J1	0.5	0.270	0.087	0.0106	
360 minute winter	FC1	Infiltration		0.0				0.0
360 minute winter	FC2	3.000	J2	0.5	0.463	0.091	0.0053	
360 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC3	200	188.711	0.511	0.8	0.6906	0.0000	SURCHARGED
360 minute winter	FC4	208	188.370	0.170	0.4	0.2122	0.0000	SURCHARGED
360 minute winter	FC5	200	188.307	0.307	0.6	0.3968	0.0000	SURCHARGED
360 minute winter	FC6	208	188.019	0.168	0.4	0.2108	0.0000	SURCHARGED
360 minute winter	FC7	208	187.920	0.170	0.4	0.2126	0.0000	SURCHARGED
360 minute winter	FC8	200	188.053	0.303	0.6	0.3915	0.0000	SURCHARGED
360 minute winter	FC9	208	187.641	0.171	0.4	0.2145	0.0000	SURCHARGED
360 minute winter	FC10	200	187.981	0.511	0.8	0.6900	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC3	4.000	J3	0.7	0.522	0.113	0.0127	
360 minute winter	FC3	Infiltration		0.0				0.0
360 minute winter	FC4	5.000	J4	0.4	0.499	0.053	0.0058	
360 minute winter	FC4	Infiltration		0.0				0.0
360 minute winter	FC5	6.000	J5	0.5	0.461	0.091	0.0049	
360 minute winter	FC5	Infiltration		0.0				0.0
360 minute winter	FC6	7.000	J6	0.4	0.555	0.046	0.0052	
360 minute winter	FC6	Infiltration		0.0				0.0
360 minute winter	FC7	8.000	J7	0.4	0.482	0.056	0.0060	
360 minute winter	FC7	Infiltration		0.0				0.0
360 minute winter	FC8	9.000	J8	0.5	0.646	0.057	0.0035	
360 minute winter	FC8	Infiltration		0.0				0.0
360 minute winter	FC9	10.000	J9	0.4	0.426	0.067	0.0067	
360 minute winter	FC9	Infiltration		0.0				0.0
360 minute winter	FC10	11.000	J10	0.7	0.541	0.107	0.0081	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC11	200	187.627	0.307	0.6	0.3965	0.0000	SURCHARGED
360 minute winter	FC12	200	187.537	0.307	0.6	0.3965	0.0000	SURCHARGED
360 minute winter	FC13	200	187.307	0.307	0.6	0.3965	0.0000	SURCHARGED
360 minute winter	FC14	232	187.029	0.129	0.6	1.6484	0.0000	SURCHARGED
360 minute winter	FC15	208	187.365	0.165	0.4	0.2063	0.0000	SURCHARGED
360 minute winter	FC16	208	187.071	0.171	0.4	0.2138	0.0000	SURCHARGED
360 minute winter	FC17	208	187.166	0.166	0.4	0.2081	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC10	Infiltration		0.0				0.0
360 minute winter	FC11	12.000	J11	0.5	0.464	0.092	0.0090	
360 minute winter	FC11	Infiltration		0.0				0.0
360 minute winter	FC12	13.000	S2	0.5	0.464	0.092	0.0080	
360 minute winter	FC12	Infiltration		0.0				0.0
360 minute winter	FC13	14.000	J12	0.5	0.465	0.091	0.0080	
360 minute winter	FC13	Infiltration		0.0				0.0
360 minute winter	FC14	15.000	J13	0.3	0.407	0.057	0.0063	
360 minute winter	FC14	Infiltration		0.0				0.0
360 minute winter	FC15	16.000	J14	0.4	0.897	0.023	0.0021	
360 minute winter	FC15	Infiltration		0.0				0.0
360 minute winter	FC16	17.000	J15	0.4	0.445	0.063	0.0068	
360 minute winter	FC16	Infiltration		0.0				0.0
360 minute winter	FC17	18.000	J16	0.4	0.703	0.032	0.0027	
360 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC18	208	186.722	0.171	0.4	0.2145	0.0000	SURCHARGED
360 minute winter	FC19	200	186.707	0.307	0.6	0.3966	0.0000	SURCHARGED
360 minute winter	FC20	200	187.250	0.300	0.6	0.3871	0.0000	SURCHARGED
360 minute winter	FC21	200	186.607	0.307	0.6	0.3965	0.0000	SURCHARGED
360 minute winter	FC22	216	186.549	0.099	0.4	0.9603	0.0000	OK
360 minute winter	FC23	208	186.466	0.166	0.4	0.2075	0.0000	SURCHARGED
360 minute winter	FC24	200	186.601	0.301	0.6	0.3882	0.0000	SURCHARGED
360 minute winter	FC25	200	186.850	0.300	0.6	0.3872	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC18	19.000	J17	0.4	0.424	0.067	0.0066	
360 minute winter	FC18	Infiltration		0.0				0.0
360 minute winter	FC19	20.000	S3	0.5	0.463	0.092	0.0077	
360 minute winter	FC19	Infiltration		0.0				0.0
360 minute winter	FC20	21.000	J18	0.5	0.931	0.034	0.0025	
360 minute winter	FC20	Infiltration		0.0				0.0
360 minute winter	FC21	22.000	J19	0.5	0.464	0.092	0.0089	
360 minute winter	FC21	Infiltration		0.0				0.0
360 minute winter	FC22	23.000	S17	0.3	0.298	0.020	0.0191	
360 minute winter	FC22	Infiltration		0.0				0.0
360 minute winter	FC23	24.000	J20	0.4	0.744	0.030	0.0186	
360 minute winter	FC23	Infiltration		0.0				0.0
360 minute winter	FC24	25.000	J21	0.5	0.841	0.039	0.0191	
360 minute winter	FC24	Infiltration		0.0				0.0
360 minute winter	FC25	26.000	J22	0.5	0.924	0.034	0.0028	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC26	232	186.548	0.098	0.4	0.9844	0.0000	OK
360 minute winter	FC27	208	186.665	0.165	0.4	0.2063	0.0000	SURCHARGED
360 minute winter	FC28	200	186.800	0.300	0.6	0.3872	0.0000	SURCHARGED
360 minute winter	FC29	200	186.800	0.300	0.6	0.3874	0.0000	SURCHARGED
360 minute winter	FC30	200	187.050	0.300	0.6	0.3878	0.0000	SURCHARGED
360 minute winter	FC31	208	186.618	0.168	0.4	0.2102	0.0000	SURCHARGED
360 minute winter	FC32	208	186.616	0.166	0.4	0.2076	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC25	Infiltration		0.0				0.0
360 minute winter	FC26	27.000	J23	0.3	0.684	0.022	0.0027	
360 minute winter	FC26	Infiltration		0.0				0.0
360 minute winter	FC27	28.000	J24	0.4	1.043	0.018	0.0183	
360 minute winter	FC27	Infiltration		0.0				0.0
360 minute winter	FC28	29.000	J25	0.5	0.929	0.034	0.0082	
360 minute winter	FC28	Infiltration		0.0				0.0
360 minute winter	FC29	30.000	J26	0.5	0.904	0.035	0.0096	
360 minute winter	FC29	Infiltration		0.0				0.0
360 minute winter	FC30	31.000	J27	0.5	0.868	0.037	0.0027	
360 minute winter	FC30	Infiltration		0.0				0.0
360 minute winter	FC31	33.000	J28	0.4	0.251	0.044	0.0078	
360 minute winter	FC31	Infiltration		0.0				0.0
360 minute winter	FC32	34.000	J29	0.4	0.223	0.031	0.0086	
360 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC33	200	186.750	0.300	0.6	0.3878	0.0000	SURCHARGED
360 minute winter	FC34	200	186.757	0.307	0.6	0.3962	0.0000	SURCHARGED
360 minute winter	FC35	200	186.751	0.300	0.6	0.3879	0.0000	SURCHARGED
360 minute winter	FC36	200	186.750	0.300	0.6	0.3874	0.0000	SURCHARGED
360 minute winter	FC37	200	186.308	0.508	0.8	0.6863	0.0000	SURCHARGED
360 minute winter	FC38	232	185.541	0.091	0.4	1.0939	0.0000	OK
360 minute winter	FC39	208	185.616	0.165	0.4	0.2070	0.0000	SURCHARGED
360 minute winter	FC40	200	185.799	0.299	0.6	0.3861	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC33	35.000	S12	0.5	0.847	0.038	0.0030	
360 minute winter	FC33	Infiltration		0.0				0.0
360 minute winter	FC34	36.000	J30	0.5	0.476	0.088	0.0054	
360 minute winter	FC34	Infiltration		0.0				0.0
360 minute winter	FC35	37.000	J31	0.5	0.859	0.038	0.0032	
360 minute winter	FC35	Infiltration		0.0				0.0
360 minute winter	FC36	38.000	J32	0.5	0.900	0.035	0.0030	
360 minute winter	FC36	Infiltration		0.0				0.0
360 minute winter	FC37	39.000	J33	0.7	0.665	0.080	0.0070	
360 minute winter	FC37	Infiltration		0.0				0.0
360 minute winter	FC38	40.000	J34	0.3	0.649	0.023	0.0021	
360 minute winter	FC38	Infiltration		0.0				0.0
360 minute winter	FC39	41.000	J35	0.4	0.789	0.027	0.0022	
360 minute winter	FC39	Infiltration		0.0				0.0
360 minute winter	FC40	42.000	J36	0.5	1.056	0.028	0.0026	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC41	200	185.153	0.302	0.6	0.3905	0.0000	SURCHARGED
360 minute winter	FC42	200	184.904	0.304	0.6	0.3924	0.0000	SURCHARGED
360 minute winter	FC43	200	184.903	0.303	0.6	0.3907	0.0000	SURCHARGED
360 minute winter	FC44	168	184.614	0.014	0.4	0.0170	0.0000	OK
360 minute winter	FC45	208	184.766	0.166	0.4	0.2077	0.0000	SURCHARGED
360 minute winter	FC46	200	185.212	0.512	0.8	0.6915	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	200	185.100	0.300	0.6	0.3878	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC40	Infiltration		0.0				0.0
360 minute winter	FC41	43.000	J37	0.5	0.692	0.052	0.0039	
360 minute winter	FC41	Infiltration		0.0				0.0
360 minute winter	FC42	44.000	J38	0.5	0.602	0.063	0.0044	
360 minute winter	FC42	Infiltration		0.0				0.0
360 minute winter	FC43	45.000	J39	0.5	0.684	0.052	0.0034	
360 minute winter	FC43	Infiltration		0.0				0.0
360 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
360 minute winter	FC44	Infiltration		0.0				0.0
360 minute winter	FC45	47.000	S10	0.4	0.735	0.030	0.0025	
360 minute winter	FC45	Infiltration		0.0				0.0
360 minute winter	FC46	48.000	S20	0.7	0.489	0.119	0.0087	
360 minute winter	FC46	Infiltration		0.0				0.0
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0037	
360 minute winter	FC48	50.000	J42	0.5	0.404	0.039	0.0070	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC49	200	185.107	0.307	0.6	0.3968	0.0000	SURCHARGED
360 minute winter	FC50	200	185.107	0.307	0.6	0.3968	0.0000	SURCHARGED
360 minute winter	FC51	200	185.157	0.307	0.6	0.3966	0.0000	SURCHARGED
360 minute winter	FC52	200	185.553	0.303	0.6	0.3908	0.0000	SURCHARGED
360 minute winter	FC53	200	185.554	0.303	0.6	0.3918	0.0000	SURCHARGED
360 minute winter	FC54	208	185.417	0.167	0.4	0.2092	0.0000	SURCHARGED
360 minute winter	FC55	208	185.415	0.165	0.4	0.2068	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC48	Infiltration		0.0				0.0
360 minute winter	FC49	51.000	S21	0.5	0.461	0.091	0.0051	
360 minute winter	FC49	Infiltration		0.0				0.0
360 minute winter	FC50	52.000	J43	0.5	0.461	0.091	0.0055	
360 minute winter	FC50	Infiltration		0.0				0.0
360 minute winter	FC51	55.000	S22	0.5	0.463	0.092	0.0072	
360 minute winter	FC51	Infiltration		0.0				0.0
360 minute winter	FC52	58.000	S23	0.5	0.673	0.054	0.0044	
360 minute winter	FC52	Infiltration		0.0				0.0
360 minute winter	FC53	61.000	J50	0.5	0.632	0.058	0.0037	
360 minute winter	FC53	Infiltration		0.0				0.0
360 minute winter	FC54	62.000	J51	0.4	0.641	0.037	0.0025	
360 minute winter	FC54	Infiltration		0.0				0.0
360 minute winter	FC55	64.000	J53	0.4	0.807	0.027	0.0020	
360 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC56	208	185.515	0.165	0.4	0.2065	0.0000	SURCHARGED
360 minute winter	FC57	208	185.516	0.166	0.4	0.2071	0.0000	SURCHARGED
360 minute winter	FC58	208	185.516	0.166	0.4	0.2074	0.0000	SURCHARGED
360 minute winter	FC59	208	185.516	0.166	0.4	0.2082	0.0000	SURCHARGED
360 minute winter	FC60	200	185.652	0.302	0.6	0.3893	0.0000	SURCHARGED
360 minute winter	FC61	200	185.604	0.304	0.6	0.3923	0.0000	SURCHARGED
360 minute winter	FC62	200	185.759	0.509	0.8	0.6879	0.0000	SURCHARGED
360 minute winter	FC63	208	185.571	0.171	0.4	0.2141	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC56	53.000	J44	0.4	0.831	0.026	0.0031	
360 minute winter	FC56	Infiltration		0.0				0.0
360 minute winter	FC57	54.000	J45	0.4	0.780	0.028	0.0033	
360 minute winter	FC57	Infiltration		0.0				0.0
360 minute winter	FC58	56.000	J46	0.4	0.750	0.030	0.0033	
360 minute winter	FC58	Infiltration		0.0				0.0
360 minute winter	FC59	57.000	J47	0.4	0.696	0.033	0.0036	
360 minute winter	FC59	Infiltration		0.0				0.0
360 minute winter	FC60	59.000	J48	0.5	0.756	0.046	0.0047	
360 minute winter	FC60	Infiltration		0.0				0.0
360 minute winter	FC61	60.000	J49	0.5	0.606	0.063	0.0066	
360 minute winter	FC61	Infiltration		0.0				0.0
360 minute winter	FC62	63.000	J52	0.7	0.603	0.092	0.0110	
360 minute winter	FC62	Infiltration		0.0				0.0
360 minute winter	FC63	65.000	S26	0.4	0.318	0.067	0.0032	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC64	208	185.326	0.175	0.4	0.2195	0.0000	SURCHARGED
360 minute winter	FC65	200	185.453	0.303	0.6	0.3908	0.0000	SURCHARGED
360 minute winter	FC66	200	185.306	0.306	0.6	0.3951	0.0000	SURCHARGED
360 minute winter	FC67	232	184.900	0.100	0.4	1.0239	0.0000	OK
360 minute winter	FC68	208	184.719	0.169	0.4	0.2110	0.0000	SURCHARGED
360 minute winter	J1	192	188.244	0.044	2.9	0.0649	0.0000	OK
360 minute winter	J2	192	188.119	0.063	3.5	0.0714	0.0000	OK
360 minute winter	J3	192	188.108	0.058	4.2	0.0654	0.0000	OK
360 minute winter	J4	192	188.080	0.041	4.6	0.0461	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC63	Infiltration		0.0				0.0
360 minute winter	FC64	66.000	J54	0.4	0.202	0.068	0.0051	
360 minute winter	FC64	Infiltration		0.0				0.0
360 minute winter	FC65	67.000	J55	0.5	0.315	0.056	0.0043	
360 minute winter	FC65	Infiltration		0.0				0.0
360 minute winter	FC66	68.000	S24	0.5	0.518	0.075	0.0022	
360 minute winter	FC66	Infiltration		0.0				0.0
360 minute winter	FC67	69.000	J56	0.3	0.380	0.050	0.0016	
360 minute winter	FC67	Infiltration		0.0				0.0
360 minute winter	FC68	70.000	J57	0.4	0.557	0.044	0.0016	
360 minute winter	FC68	Infiltration		0.0				0.0
360 minute winter	J1	1.001	J2	2.9	0.923	0.354	0.0160	
360 minute winter	J2	1.002	J3	3.5	0.523	0.258	0.0069	
360 minute winter	J3	1.003	J4	4.2	0.828	0.313	0.0099	
360 minute winter	J4	1.004	J5	4.6	1.258	0.133	0.0128	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J5	192	187.947	0.037	5.1	0.0419	0.0000	OK
360 minute winter	J6	192	187.703	0.053	5.5	0.0595	0.0000	OK
360 minute winter	J7	192	187.589	0.064	5.9	0.0725	0.0000	OK
360 minute winter	J8	192	187.562	0.041	6.3	0.0461	0.0000	OK
360 minute winter	J9	192	187.343	0.068	6.8	0.0771	0.0000	OK
360 minute winter	J10	192	187.310	0.040	7.5	0.0451	0.0000	OK
360 minute winter	J11	192	187.177	0.056	8.0	0.0635	0.0000	OK
360 minute winter	J12	192	186.879	0.070	11.7	0.0786	0.0000	OK
360 minute winter	J13	192	186.738	0.111	12.0	0.1251	0.0000	OK
360 minute winter	J14	192	186.726	0.104	12.4	0.1174	0.0000	OK
360 minute winter	J15	192	186.709	0.092	12.7	0.1042	0.0000	OK
360 minute winter	J16	192	186.676	0.071	13.1	0.0799	0.0000	OK
360 minute winter	J17	192	186.333	0.050	13.5	0.0563	0.0000	OK
360 minute winter	J18	344	186.253	0.128	15.7	0.1450	0.0000	OK
360 minute winter	J19	328	186.251	0.224	19.0	0.2535	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J5	1.005	J6	5.1	1.152	0.133	0.0252	
360 minute winter	J6	1.006	J7	5.5	1.108	0.193	0.0097	
360 minute winter	J7	1.007	J8	5.8	0.854	0.187	0.0080	
360 minute winter	J8	1.008	J9	6.4	0.866	0.072	0.0636	
360 minute winter	J9	1.009	J10	6.8	0.928	0.203	0.0089	
360 minute winter	J10	1.010	J11	7.5	1.210	0.058	0.0152	
360 minute winter	J11	1.011	S2	8.0	0.652	0.124	0.0670	
360 minute winter	J12	1.013	J13	11.7	1.195	0.174	0.0632	
360 minute winter	J13	1.014	J14	12.0	0.530	0.211	0.0428	
360 minute winter	J14	1.015	J15	12.4	0.619	0.219	0.0383	
360 minute winter	J15	1.016	J16	12.7	0.826	0.239	0.0794	
360 minute winter	J16	1.017	J17	13.1	1.149	0.092	0.0385	
360 minute winter	J17	1.018	S3	13.5	1.012	0.043	0.0258	
360 minute winter	J18	1.020	J19	18.6	0.886	0.065	0.0613	
360 minute winter	J19	1.021	S4	16.2	0.740	0.294	0.2510	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J20	352	186.248	0.217	2.3	0.2453	0.0000	SURCHARGED
360 minute winter	J21	352	186.248	0.239	2.8	0.2701	0.0000	SURCHARGED
360 minute winter	J22	352	186.248	0.285	3.3	0.3222	0.0000	SURCHARGED
360 minute winter	J23	352	186.248	0.306	3.6	0.3457	0.0000	SURCHARGED
360 minute winter	J24	352	186.247	0.430	5.6	0.4866	0.0000	SURCHARGED
360 minute winter	J25	352	186.247	0.451	6.1	0.5096	0.0000	SURCHARGED
360 minute winter	J26	352	186.250	0.471	6.7	0.5324	0.0000	SURCHARGED
360 minute winter	J27	344	186.259	0.523	8.8	0.5913	0.0000	SURCHARGED
360 minute winter	J28	184	186.397	0.041	2.0	0.0463	0.0000	OK
360 minute winter	J29	184	186.318	0.047	2.4	0.0530	0.0000	OK
360 minute winter	J30	184	186.216	0.069	5.0	0.0776	0.0000	OK
360 minute winter	J31	184	186.112	0.068	5.5	0.0772	0.0000	OK
360 minute winter	J32	184	186.076	0.065	6.0	0.0739	0.0000	OK
360 minute winter	J33	184	185.578	0.043	8.2	0.0482	0.0000	OK
360 minute winter	J34	184	185.207	0.082	10.2	0.0922	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J20	23.002	J21	2.3	0.481	0.168	0.0665	
360 minute winter	J21	23.003	J22	2.8	0.510	0.209	0.1411	
360 minute winter	J22	23.004	J23	3.3	0.553	0.247	0.0633	
360 minute winter	J23	23.005	S18	3.6	0.626	0.269	0.1321	
360 minute winter	J24	23.007	J25	5.6	0.462	0.186	0.2458	
360 minute winter	J25	23.008	J26	6.1	0.459	0.203	0.1975	
360 minute winter	J26	23.009	S19	6.7	0.473	0.218	0.1474	
360 minute winter	J27	23.011	S4	8.8	0.668	0.294	0.0951	
360 minute winter	J28	32.001	J29	2.0	0.597	0.333	0.0292	
360 minute winter	J29	32.002	S12	2.3	0.683	0.396	0.0160	
360 minute winter	J30	32.004	J31	5.0	0.665	0.373	0.0370	
360 minute winter	J31	32.005	J32	5.5	0.554	0.181	0.0960	
360 minute winter	J32	32.006	S13	6.0	0.811	0.198	0.0395	
360 minute winter	J33	32.008	S14	8.2	0.974	0.079	0.0781	
360 minute winter	J34	32.010	J35	10.2	1.023	0.265	0.0909	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J35	184	185.128	0.053	10.6	0.0604	0.0000	OK
360 minute winter	J36	184	184.962	0.087	11.1	0.0980	0.0000	OK
360 minute winter	J37	184	184.589	0.089	13.4	0.1008	0.0000	OK
360 minute winter	J38	184	184.417	0.117	15.7	0.1322	0.0000	OK
360 minute winter	J39	184	184.381	0.107	16.2	0.1211	0.0000	OK
360 minute winter	J40	192	184.354	0.089	16.5	0.1003	0.0000	OK
360 minute winter	J41	200	184.620	0.023	0.7	0.0263	0.0000	OK
360 minute winter	J42	200	184.569	0.032	1.2	0.0365	0.0000	OK
360 minute winter	J43	200	184.440	0.060	3.3	0.0677	0.0000	OK
360 minute winter	J44	200	184.427	0.057	3.7	0.0645	0.0000	OK
360 minute winter	J45	200	184.383	0.063	4.1	0.0710	0.0000	OK
360 minute winter	J46	200	184.312	0.090	6.1	0.1017	0.0000	OK
360 minute winter	J47	200	184.306	0.099	6.4	0.1119	0.0000	OK
360 minute winter	J48	200	184.293	0.099	8.5	0.1116	0.0000	OK
360 minute winter	J49	200	184.280	0.111	9.1	0.1260	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J35	32.011	J36	10.6	1.007	0.119	0.0730	
360 minute winter	J36	32.012	S15	11.1	0.988	0.370	0.0268	
360 minute winter	J37	32.014	S16	13.4	1.085	0.242	0.0653	
360 minute winter	J38	32.016	J39	15.6	0.653	0.290	0.2594	
360 minute winter	J39	32.017	J40	16.1	0.809	0.295	0.0730	
360 minute winter	J40	32.018	S10	16.5	1.004	0.166	0.1576	
360 minute winter	J41	48.002	J42	0.7	0.401	0.119	0.0111	
360 minute winter	J42	48.003	S21	1.2	0.586	0.212	0.0174	
360 minute winter	J43	48.005	J44	3.3	0.525	0.239	0.0102	
360 minute winter	J44	48.006	J45	3.7	0.568	0.279	0.0576	
360 minute winter	J45	48.007	S22	4.1	0.632	0.304	0.0155	
360 minute winter	J46	48.009	J47	6.1	0.384	0.197	0.0666	
360 minute winter	J47	48.010	S23	6.4	0.374	0.214	0.0455	
360 minute winter	J48	48.012	J49	8.5	0.472	0.285	0.1353	
360 minute winter	J49	48.013	J50	9.1	0.476	0.296	0.0217	

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J50	200	184.272	0.107	9.6	0.1211	0.0000	OK
360 minute winter	J51	200	184.259	0.111	10.0	0.1258	0.0000	OK
360 minute winter	J52	200	184.248	0.104	10.7	0.1177	0.0000	OK
360 minute winter	J53	200	184.226	0.099	11.1	0.1115	0.0000	OK
360 minute winter	J54	184	185.173	0.044	2.1	0.0497	0.0000	OK
360 minute winter	J55	184	185.136	0.042	2.6	0.0473	0.0000	OK
360 minute winter	J56	200	184.131	0.124	15.7	0.1401	0.0000	OK
360 minute winter	J57	200	184.109	0.124	16.0	0.1403	0.0000	OK
360 minute winter	BASIN 1	352	186.247	1.322	26.7	173.5494	0.0000	SURCHARGED
360 minute winter	BASIN 2	416	184.851	0.551	4.1	55.7455	0.0000	OK
360 minute winter	BASIN 3	600	183.222	0.122	21.1	237.7081	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J50	48.014	J51	9.6	0.504	0.322	0.0968	
360 minute winter	J51	48.015	J52	10.0	0.534	0.327	0.0213	
360 minute winter	J52	48.016	J53	10.7	0.618	0.351	0.0845	
360 minute winter	J53	48.017	S24	11.1	0.724	0.368	0.1575	
360 minute winter	J54	65.002	J55	2.1	0.639	0.346	0.0117	
360 minute winter	J55	65.003	S24	2.6	0.849	0.336	0.0236	
360 minute winter	J56	48.019	J57	15.7	0.570	0.289	0.2495	
360 minute winter	J57	48.020	S25	16.0	0.605	0.294	0.1623	
360 minute winter	BASIN 1	1.023	S5	4.0	0.198	0.048	0.9418	
360 minute winter	BASIN 1	Infiltration		0.1				3.5
360 minute winter	BASIN 2	1.027	S7	3.8	0.574	0.046	0.1478	
360 minute winter	BASIN 2	71.000	BH1	1.1	0.557	0.192	0.1829	
360 minute winter	BASIN 2	Infiltration		0.0				0.0
360 minute winter	BASIN 3	1.034	BH2	1.2	0.342	0.010	0.4399	
360 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	BASIN 4	392	183.890	0.560	19.1	168.1596	0.0000	SURCHARGED
360 minute winter	SWALE 1	352	184.930	0.056	4.0	0.0808	0.0000	OK
360 minute winter	SWALE 2	416	184.429	0.054	3.8	0.0775	0.0000	OK
360 minute winter	SWALE 3	192	184.094	0.099	18.7	0.1418	0.0000	OK
360 minute winter	BH1	416	184.851	0.774	1.1	3.0452	0.0000	OK
360 minute winter	BH2	600	183.222	0.139	1.2	2.2970	0.0000	OK
360 minute winter	BH3	392	183.890	0.571	1.2	4.2718	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	BASIN 4	48.022	BH3	1.2	0.466	0.022	0.3211	
360 minute winter	BASIN 4	Infiltration		0.0				0.0
360 minute winter	SWALE 1	1.025	S6	4.0	0.395	0.048	0.3850	
360 minute winter	SWALE 2	1.029	S8	3.8	0.548	0.046	0.1818	
360 minute winter	SWALE 3	1.033	BASIN 3	18.7	0.819	0.149	0.9858	
360 minute winter	BH1	Infiltration		0.1				2.9
360 minute winter	BH2	Infiltration		0.2				2.1
360 minute winter	BH3	Infiltration		0.2				5.8

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.398	0.028	1.5	0.0413	0.0000	OK
480 minute summer	S2	248	187.148	0.109	12.8	0.1882	0.0000	OK
480 minute summer	S3	440	186.274	0.137	17.4	0.1826	0.0000	OK
480 minute summer	S4	448	186.279	0.901	30.1	1.1555	0.0000	SURCHARGED
480 minute summer	S5	448	186.275	1.365	4.0	1.9527	0.0000	SURCHARGED
480 minute summer	S6	464	184.866	0.058	4.0	0.0826	0.0000	OK
480 minute summer	S7	472	184.789	0.030	4.0	0.0430	0.0000	OK
480 minute summer	S8	480	184.362	0.032	4.0	0.0462	0.0000	OK
480 minute summer	S9	248	184.190	0.064	4.0	0.0923	0.0000	OK
480 minute summer	S10	248	184.190	0.076	22.2	0.1392	0.0000	OK
480 minute summer	S11	248	186.442	0.042	1.9	0.0658	0.0000	OK
480 minute summer	S12	248	186.250	0.074	5.3	0.1089	0.0000	OK
480 minute summer	S13	248	186.040	0.047	8.8	0.0706	0.0000	OK
480 minute summer	S14	248	185.260	0.085	11.8	0.1336	0.0000	OK
480 minute summer	S15	248	184.933	0.066	15.2	0.1040	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S1	1.000	J1	1.5	0.538	0.172	0.0233	
480 minute summer	S2	1.012	J12	12.8	0.744	0.429	0.0257	
480 minute summer	S3	1.019	J18	17.4	1.003	0.326	0.1747	
480 minute summer	S4	1.022	BASIN 1	29.8	0.913	0.178	1.1778	
480 minute summer	S5	1.024	SWALE 1	4.0	0.390	0.048	0.2110	
480 minute summer	S6	1.026	BASIN 2	4.0	0.474	0.046	0.0594	
480 minute summer	S7	1.028	SWALE 2	4.0	0.580	0.013	0.1192	
480 minute summer	S8	1.030	S9	4.0	0.609	0.015	0.0826	
480 minute summer	S9	1.031	S10	4.0	0.640	0.048	0.0958	
480 minute summer	S10	1.032	SWALE 3	22.2	1.054	0.067	0.0925	
480 minute summer	S11	32.000	J28	1.9	0.582	0.319	0.0149	
480 minute summer	S12	32.003	J30	5.3	0.601	0.394	0.0444	
480 minute summer	S13	32.007	J33	8.8	1.493	0.090	0.0770	
480 minute summer	S14	32.009	J34	11.8	0.834	0.232	0.0739	
480 minute summer	S15	32.013	J37	15.2	1.645	0.165	0.0864	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.543	0.056	18.0	0.0856	0.0000	OK
480 minute summer	S17	448	186.276	0.126	2.3	0.1999	0.0000	SURCHARGED
480 minute summer	S18	448	186.275	0.451	6.1	0.6670	0.0000	SURCHARGED
480 minute summer	S19	448	186.276	0.510	9.7	0.7343	0.0000	SURCHARGED
480 minute summer	S20	256	184.667	0.025	0.8	0.0286	0.0000	OK
480 minute summer	S21	248	184.464	0.055	3.2	0.0724	0.0000	OK
480 minute summer	S22	248	184.327	0.096	6.5	0.1239	0.0000	OK
480 minute summer	S23	248	184.310	0.112	9.2	0.1443	0.0000	OK
480 minute summer	S24	248	184.156	0.139	17.6	0.1829	0.0000	OK
480 minute summer	S25	248	184.097	0.127	19.9	0.1753	0.0000	OK
480 minute summer	S26	248	185.407	0.030	2.0	0.0446	0.0000	OK
480 minute summer	FC1	256	188.611	0.361	0.7	0.4666	0.0000	SURCHARGED
480 minute summer	FC2	256	188.512	0.362	0.7	0.4678	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S16	32.015	J38	18.0	0.977	0.057	0.0437	
480 minute summer	S17	23.001	J20	2.3	0.686	0.384	0.0560	
480 minute summer	S18	23.006	J24	6.1	0.460	0.191	0.0729	
480 minute summer	S19	23.010	J27	9.7	0.599	0.322	0.3541	
480 minute summer	S20	48.001	J41	0.8	0.510	0.130	0.0070	
480 minute summer	S21	48.004	J43	3.1	0.487	0.236	0.0330	
480 minute summer	S22	48.008	J46	6.4	0.397	0.205	0.0400	
480 minute summer	S23	48.011	J48	9.2	0.477	0.297	0.0216	
480 minute summer	S24	48.018	J56	17.6	0.564	0.329	0.1324	
480 minute summer	S25	48.021	BASIN 4	19.8	0.781	0.372	0.0978	
480 minute summer	S26	65.001	J54	2.0	0.710	0.197	0.0249	
480 minute summer	FC1	2.000	J1	0.6	0.282	0.095	0.0119	
480 minute summer	FC1	Infiltration		0.0				0.0
480 minute summer	FC2	3.000	J2	0.6	0.474	0.099	0.0056	
480 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC3	256	188.808	0.608	1.0	0.8218	0.0000	SURCHARGED
480 minute summer	FC4	256	188.430	0.230	0.5	0.2879	0.0000	SURCHARGED
480 minute summer	FC5	256	188.363	0.362	0.7	0.4679	0.0000	SURCHARGED
480 minute summer	FC6	256	188.079	0.229	0.5	0.2865	0.0000	SURCHARGED
480 minute summer	FC7	256	187.981	0.231	0.5	0.2884	0.0000	SURCHARGED
480 minute summer	FC8	256	188.108	0.358	0.7	0.4626	0.0000	SURCHARGED
480 minute summer	FC9	256	187.702	0.232	0.5	0.2902	0.0000	SURCHARGED
480 minute summer	FC10	256	188.078	0.608	1.0	0.8212	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC3	4.000	J3	0.8	0.535	0.124	0.0135	
480 minute summer	FC3	Infiltration		0.0				0.0
480 minute summer	FC4	5.000	J4	0.5	0.522	0.063	0.0066	
480 minute summer	FC4	Infiltration		0.0				0.0
480 minute summer	FC5	6.000	J5	0.6	0.472	0.099	0.0052	
480 minute summer	FC5	Infiltration		0.0				0.0
480 minute summer	FC6	7.000	J6	0.5	0.582	0.054	0.0059	
480 minute summer	FC6	Infiltration		0.0				0.0
480 minute summer	FC7	8.000	J7	0.5	0.505	0.066	0.0067	
480 minute summer	FC7	Infiltration		0.0				0.0
480 minute summer	FC8	9.000	J8	0.6	0.661	0.062	0.0037	
480 minute summer	FC8	Infiltration		0.0				0.0
480 minute summer	FC9	10.000	J9	0.5	0.446	0.078	0.0075	
480 minute summer	FC9	Infiltration		0.0				0.0
480 minute summer	FC10	11.000	J10	0.8	0.555	0.116	0.0087	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC11	256	187.682	0.362	0.7	0.4676	0.0000	SURCHARGED
480 minute summer	FC12	256	187.592	0.362	0.7	0.4677	0.0000	SURCHARGED
480 minute summer	FC13	256	187.362	0.362	0.7	0.4676	0.0000	SURCHARGED
480 minute summer	FC14	288	187.032	0.132	0.7	1.6810	0.0000	SURCHARGED
480 minute summer	FC15	256	187.425	0.225	0.5	0.2819	0.0000	SURCHARGED
480 minute summer	FC16	256	187.132	0.231	0.5	0.2896	0.0000	SURCHARGED
480 minute summer	FC17	256	187.227	0.227	0.5	0.2839	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC10	Infiltration		0.0				0.0
480 minute summer	FC11	12.000	J11	0.6	0.476	0.100	0.0096	
480 minute summer	FC11	Infiltration		0.0				0.0
480 minute summer	FC12	13.000	S2	0.6	0.475	0.100	0.0085	
480 minute summer	FC12	Infiltration		0.0				0.0
480 minute summer	FC13	14.000	J12	0.6	0.477	0.099	0.0085	
480 minute summer	FC13	Infiltration		0.0				0.0
480 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0064	
480 minute summer	FC14	Infiltration		0.0				0.0
480 minute summer	FC15	16.000	J14	0.5	0.941	0.027	0.0023	
480 minute summer	FC15	Infiltration		0.0				0.0
480 minute summer	FC16	17.000	J15	0.5	0.466	0.074	0.0076	
480 minute summer	FC16	Infiltration		0.0				0.0
480 minute summer	FC17	18.000	J16	0.5	0.737	0.038	0.0030	
480 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC18	256	186.782	0.232	0.5	0.2903	0.0000	SURCHARGED
480 minute summer	FC19	256	186.762	0.362	0.7	0.4677	0.0000	SURCHARGED
480 minute summer	FC20	256	187.305	0.355	0.7	0.4584	0.0000	SURCHARGED
480 minute summer	FC21	256	186.662	0.362	0.7	0.4676	0.0000	SURCHARGED
480 minute summer	FC22	272	186.556	0.106	0.5	1.0277	0.0000	SURCHARGED
480 minute summer	FC23	256	186.527	0.226	0.5	0.2833	0.0000	SURCHARGED
480 minute summer	FC24	256	186.656	0.356	0.7	0.4593	0.0000	SURCHARGED
480 minute summer	FC25	256	186.905	0.355	0.7	0.4584	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC18	19.000	J17	0.5	0.444	0.079	0.0073	
480 minute summer	FC18	Infiltration		0.0				0.0
480 minute summer	FC19	20.000	S3	0.6	0.474	0.100	0.0082	
480 minute summer	FC19	Infiltration		0.0				0.0
480 minute summer	FC20	21.000	J18	0.6	0.955	0.037	0.0027	
480 minute summer	FC20	Infiltration		0.0				0.0
480 minute summer	FC21	22.000	J19	0.6	0.475	0.100	0.0166	
480 minute summer	FC21	Infiltration		0.0				0.0
480 minute summer	FC22	23.000	S17	0.3	0.287	0.020	0.0194	
480 minute summer	FC22	Infiltration		0.0				0.0
480 minute summer	FC23	24.000	J20	0.5	0.782	0.035	0.0186	
480 minute summer	FC23	Infiltration		0.0				0.0
480 minute summer	FC24	25.000	J21	0.6	0.862	0.043	0.0192	
480 minute summer	FC24	Infiltration		0.0				0.0
480 minute summer	FC25	26.000	J22	0.6	0.948	0.037	0.0086	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC26	272	186.554	0.104	0.5	1.0484	0.0000	SURCHARGED
480 minute summer	FC27	256	186.725	0.225	0.5	0.2817	0.0000	SURCHARGED
480 minute summer	FC28	256	186.855	0.355	0.7	0.4584	0.0000	SURCHARGED
480 minute summer	FC29	256	186.855	0.355	0.7	0.4586	0.0000	SURCHARGED
480 minute summer	FC30	256	187.106	0.356	0.7	0.4590	0.0000	SURCHARGED
480 minute summer	FC31	256	186.679	0.229	0.5	0.2859	0.0000	SURCHARGED
480 minute summer	FC32	256	186.677	0.227	0.5	0.2834	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC25	Infiltration		0.0				0.0
480 minute summer	FC26	27.000	J23	0.3	0.691	0.023	0.0085	
480 minute summer	FC26	Infiltration		0.0				0.0
480 minute summer	FC27	28.000	J24	0.5	1.095	0.022	0.0184	
480 minute summer	FC27	Infiltration		0.0				0.0
480 minute summer	FC28	29.000	J25	0.6	0.953	0.037	0.0141	
480 minute summer	FC28	Infiltration		0.0				0.0
480 minute summer	FC29	30.000	J26	0.6	0.927	0.038	0.0153	
480 minute summer	FC29	Infiltration		0.0				0.0
480 minute summer	FC30	31.000	J27	0.6	0.889	0.041	0.0029	
480 minute summer	FC30	Infiltration		0.0				0.0
480 minute summer	FC31	33.000	J28	0.5	0.264	0.052	0.0089	
480 minute summer	FC31	Infiltration		0.0				0.0
480 minute summer	FC32	34.000	J29	0.5	0.234	0.037	0.0098	
480 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC33	256	186.806	0.355	0.7	0.4589	0.0000	SURCHARGED
480 minute summer	FC34	256	186.812	0.362	0.7	0.4673	0.0000	SURCHARGED
480 minute summer	FC35	256	186.806	0.356	0.7	0.4591	0.0000	SURCHARGED
480 minute summer	FC36	256	186.805	0.355	0.7	0.4587	0.0000	SURCHARGED
480 minute summer	FC37	256	186.405	0.605	1.0	0.8175	0.0000	SURCHARGED
480 minute summer	FC38	280	185.546	0.095	0.5	1.1451	0.0000	OK
480 minute summer	FC39	256	185.676	0.226	0.5	0.2829	0.0000	SURCHARGED
480 minute summer	FC40	256	185.854	0.354	0.7	0.4574	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC33	35.000	S12	0.6	0.853	0.042	0.0042	
480 minute summer	FC33	Infiltration		0.0				0.0
480 minute summer	FC34	36.000	J30	0.6	0.487	0.095	0.0058	
480 minute summer	FC34	Infiltration		0.0				0.0
480 minute summer	FC35	37.000	J31	0.6	0.880	0.041	0.0034	
480 minute summer	FC35	Infiltration		0.0				0.0
480 minute summer	FC36	38.000	J32	0.6	0.923	0.039	0.0032	
480 minute summer	FC36	Infiltration		0.0				0.0
480 minute summer	FC37	39.000	J33	0.8	0.682	0.087	0.0074	
480 minute summer	FC37	Infiltration		0.0				0.0
480 minute summer	FC38	40.000	J34	0.3	0.654	0.023	0.0021	
480 minute summer	FC38	Infiltration		0.0				0.0
480 minute summer	FC39	41.000	J35	0.5	0.828	0.032	0.0025	
480 minute summer	FC39	Infiltration		0.0				0.0
480 minute summer	FC40	42.000	J36	0.6	1.084	0.031	0.0028	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC41	256	185.208	0.358	0.7	0.4616	0.0000	SURCHARGED
480 minute summer	FC42	256	184.959	0.359	0.7	0.4636	0.0000	SURCHARGED
480 minute summer	FC43	256	184.958	0.358	0.7	0.4618	0.0000	SURCHARGED
480 minute summer	FC44	240	184.615	0.015	0.5	0.0190	0.0000	OK
480 minute summer	FC45	256	184.827	0.227	0.5	0.2835	0.0000	SURCHARGED
480 minute summer	FC46	256	185.309	0.609	1.0	0.8227	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.156	0.356	0.7	0.4590	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC40	Infiltration		0.0				0.0
480 minute summer	FC41	43.000	J37	0.6	0.708	0.056	0.0042	
480 minute summer	FC41	Infiltration		0.0				0.0
480 minute summer	FC42	44.000	J38	0.6	0.617	0.068	0.0047	
480 minute summer	FC42	Infiltration		0.0				0.0
480 minute summer	FC43	45.000	J39	0.6	0.700	0.057	0.0037	
480 minute summer	FC43	Infiltration		0.0				0.0
480 minute summer	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
480 minute summer	FC44	Infiltration		0.0				0.0
480 minute summer	FC45	47.000	S10	0.5	0.772	0.036	0.0028	
480 minute summer	FC45	Infiltration		0.0				0.0
480 minute summer	FC46	48.000	S20	0.8	0.500	0.130	0.0093	
480 minute summer	FC46	Infiltration		0.0				0.0
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
480 minute summer	FC48	50.000	J42	0.6	0.412	0.042	0.0075	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC49	256	185.162	0.362	0.7	0.4679	0.0000	SURCHARGED
480 minute summer	FC50	256	185.162	0.362	0.7	0.4679	0.0000	SURCHARGED
480 minute summer	FC51	256	185.212	0.362	0.7	0.4677	0.0000	SURCHARGED
480 minute summer	FC52	256	185.608	0.358	0.7	0.4620	0.0000	SURCHARGED
480 minute summer	FC53	256	185.609	0.359	0.7	0.4629	0.0000	SURCHARGED
480 minute summer	FC54	256	185.478	0.228	0.5	0.2849	0.0000	SURCHARGED
480 minute summer	FC55	256	185.476	0.226	0.5	0.2827	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC48	Infiltration		0.0				0.0
480 minute summer	FC49	51.000	S21	0.6	0.472	0.100	0.0054	
480 minute summer	FC49	Infiltration		0.0				0.0
480 minute summer	FC50	52.000	J43	0.6	0.473	0.100	0.0058	
480 minute summer	FC50	Infiltration		0.0				0.0
480 minute summer	FC51	55.000	S22	0.6	0.475	0.100	0.0076	
480 minute summer	FC51	Infiltration		0.0				0.0
480 minute summer	FC52	58.000	S23	0.6	0.689	0.059	0.0047	
480 minute summer	FC52	Infiltration		0.0				0.0
480 minute summer	FC53	61.000	J50	0.6	0.648	0.064	0.0039	
480 minute summer	FC53	Infiltration		0.0				0.0
480 minute summer	FC54	62.000	J51	0.5	0.672	0.043	0.0028	
480 minute summer	FC54	Infiltration		0.0				0.0
480 minute summer	FC55	64.000	J53	0.5	0.846	0.031	0.0023	
480 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC56	256	185.576	0.226	0.5	0.2824	0.0000	SURCHARGED
480 minute summer	FC57	256	185.576	0.226	0.5	0.2829	0.0000	SURCHARGED
480 minute summer	FC58	256	185.576	0.226	0.5	0.2832	0.0000	SURCHARGED
480 minute summer	FC59	256	185.577	0.227	0.5	0.2839	0.0000	SURCHARGED
480 minute summer	FC60	256	185.707	0.357	0.7	0.4605	0.0000	SURCHARGED
480 minute summer	FC61	256	185.659	0.359	0.7	0.4634	0.0000	SURCHARGED
480 minute summer	FC62	256	185.856	0.606	1.0	0.8191	0.0000	SURCHARGED
480 minute summer	FC63	256	185.632	0.232	0.5	0.2899	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC56	53.000	J44	0.5	0.873	0.030	0.0035	
480 minute summer	FC56	Infiltration		0.0				0.0
480 minute summer	FC57	54.000	J45	0.5	0.819	0.033	0.0037	
480 minute summer	FC57	Infiltration		0.0				0.0
480 minute summer	FC58	56.000	J46	0.5	0.788	0.035	0.0037	
480 minute summer	FC58	Infiltration		0.0				0.0
480 minute summer	FC59	57.000	J47	0.5	0.731	0.039	0.0041	
480 minute summer	FC59	Infiltration		0.0				0.0
480 minute summer	FC60	59.000	J48	0.6	0.775	0.050	0.0050	
480 minute summer	FC60	Infiltration		0.0				0.0
480 minute summer	FC61	60.000	J49	0.6	0.621	0.068	0.0070	
480 minute summer	FC61	Infiltration		0.0				0.0
480 minute summer	FC62	63.000	J52	0.8	0.619	0.101	0.0117	
480 minute summer	FC62	Infiltration		0.0				0.0
480 minute summer	FC63	65.000	S26	0.5	0.334	0.079	0.0036	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC64	256	185.389	0.239	0.5	0.2991	0.0000	SURCHARGED
480 minute summer	FC65	256	185.508	0.358	0.7	0.4619	0.0000	SURCHARGED
480 minute summer	FC66	256	185.361	0.361	0.7	0.4662	0.0000	SURCHARGED
480 minute summer	FC67	272	184.905	0.105	0.5	1.0783	0.0000	SURCHARGED
480 minute summer	FC68	256	184.779	0.229	0.5	0.2867	0.0000	SURCHARGED
480 minute summer	J1	248	188.250	0.050	3.6	0.0730	0.0000	OK
480 minute summer	J2	248	188.125	0.069	4.1	0.0783	0.0000	OK
480 minute summer	J3	248	188.113	0.063	4.9	0.0710	0.0000	OK
480 minute summer	J4	248	188.083	0.044	5.3	0.0502	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC63	Infiltration		0.0				0.0
480 minute summer	FC64	66.000	J54	0.5	0.209	0.080	0.0062	
480 minute summer	FC64	Infiltration		0.0				0.0
480 minute summer	FC65	67.000	J55	0.6	0.299	0.061	0.0048	
480 minute summer	FC65	Infiltration		0.0				0.0
480 minute summer	FC66	68.000	S24	0.6	0.530	0.082	0.0024	
480 minute summer	FC66	Infiltration		0.0				0.0
480 minute summer	FC67	69.000	J56	0.3	0.383	0.051	0.0016	
480 minute summer	FC67	Infiltration		0.0				0.0
480 minute summer	FC68	70.000	J57	0.5	0.583	0.052	0.0018	
480 minute summer	FC68	Infiltration		0.0				0.0
480 minute summer	J1	1.001	J2	3.6	0.967	0.430	0.0185	
480 minute summer	J2	1.002	J3	4.1	0.553	0.307	0.0078	
480 minute summer	J3	1.003	J4	4.9	0.861	0.366	0.0110	
480 minute summer	J4	1.004	J5	5.3	1.307	0.156	0.0144	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J5	248	187.950	0.040	5.9	0.0453	0.0000	OK
480 minute summer	J6	248	187.707	0.057	6.3	0.0647	0.0000	OK
480 minute summer	J7	248	187.594	0.069	6.8	0.0779	0.0000	OK
480 minute summer	J8	248	187.565	0.044	7.3	0.0492	0.0000	OK
480 minute summer	J9	248	187.348	0.073	7.8	0.0827	0.0000	OK
480 minute summer	J10	248	187.313	0.043	8.5	0.0485	0.0000	OK
480 minute summer	J11	256	187.182	0.061	9.1	0.0687	0.0000	OK
480 minute summer	J12	248	186.884	0.075	13.4	0.0848	0.0000	OK
480 minute summer	J13	248	186.746	0.119	13.7	0.1344	0.0000	OK
480 minute summer	J14	248	186.733	0.111	14.1	0.1258	0.0000	OK
480 minute summer	J15	248	186.716	0.099	14.5	0.1115	0.0000	OK
480 minute summer	J16	248	186.681	0.076	15.0	0.0859	0.0000	OK
480 minute summer	J17	248	186.337	0.054	15.4	0.0615	0.0000	OK
480 minute summer	J18	448	186.280	0.155	17.9	0.1751	0.0000	OK
480 minute summer	J19	440	186.278	0.251	20.5	0.2834	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J5	1.005	J6	5.9	1.188	0.153	0.0282	
480 minute summer	J6	1.006	J7	6.3	1.146	0.222	0.0108	
480 minute summer	J7	1.007	J8	6.7	0.880	0.218	0.0088	
480 minute summer	J8	1.008	J9	7.3	0.899	0.082	0.0700	
480 minute summer	J9	1.009	J10	7.8	0.960	0.233	0.0099	
480 minute summer	J10	1.010	J11	8.5	1.240	0.066	0.0169	
480 minute summer	J11	1.011	S2	9.0	0.670	0.141	0.0739	
480 minute summer	J12	1.013	J13	13.4	1.236	0.199	0.0699	
480 minute summer	J13	1.014	J14	13.6	0.549	0.241	0.0471	
480 minute summer	J14	1.015	J15	14.1	0.643	0.250	0.0420	
480 minute summer	J15	1.016	J16	14.5	0.854	0.272	0.0875	
480 minute summer	J16	1.017	J17	15.0	1.187	0.105	0.0424	
480 minute summer	J17	1.018	S3	15.4	1.035	0.050	0.0314	
480 minute summer	J18	1.020	J19	20.2	0.906	0.071	0.0726	
480 minute summer	J19	1.021	S4	18.5	0.768	0.335	0.2785	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J20	448	186.275	0.244	2.7	0.2764	0.0000	SURCHARGED
480 minute summer	J21	448	186.276	0.267	3.3	0.3015	0.0000	SURCHARGED
480 minute summer	J22	448	186.276	0.312	3.9	0.3534	0.0000	SURCHARGED
480 minute summer	J23	448	186.276	0.333	4.1	0.3771	0.0000	SURCHARGED
480 minute summer	J24	448	186.275	0.458	6.6	0.5182	0.0000	SURCHARGED
480 minute summer	J25	448	186.275	0.479	7.1	0.5418	0.0000	SURCHARGED
480 minute summer	J26	440	186.275	0.496	7.7	0.5610	0.0000	SURCHARGED
480 minute summer	J27	440	186.277	0.541	10.2	0.6118	0.0000	SURCHARGED
480 minute summer	J28	248	186.401	0.045	2.3	0.0514	0.0000	OK
480 minute summer	J29	248	186.323	0.052	2.8	0.0588	0.0000	OK
480 minute summer	J30	248	186.223	0.076	5.8	0.0855	0.0000	OK
480 minute summer	J31	248	186.118	0.074	6.4	0.0840	0.0000	OK
480 minute summer	J32	248	186.082	0.070	6.9	0.0797	0.0000	OK
480 minute summer	J33	248	185.581	0.046	9.6	0.0520	0.0000	OK
480 minute summer	J34	248	185.214	0.089	12.0	0.1004	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J20	23.002	J21	2.7	0.503	0.202	0.0665	
480 minute summer	J21	23.003	J22	3.3	0.532	0.245	0.1411	
480 minute summer	J22	23.004	J23	3.8	0.574	0.285	0.0633	
480 minute summer	J23	23.005	S18	4.1	0.647	0.307	0.1321	
480 minute summer	J24	23.007	J25	6.6	0.474	0.218	0.2458	
480 minute summer	J25	23.008	J26	7.1	0.470	0.235	0.1975	
480 minute summer	J26	23.009	S19	8.0	0.482	0.263	0.1474	
480 minute summer	J27	23.011	S4	10.2	0.697	0.342	0.0951	
480 minute summer	J28	32.001	J29	2.3	0.620	0.396	0.0334	
480 minute summer	J29	32.002	S12	2.8	0.712	0.471	0.0183	
480 minute summer	J30	32.004	J31	5.8	0.692	0.439	0.0418	
480 minute summer	J31	32.005	J32	6.4	0.580	0.212	0.1073	
480 minute summer	J32	32.006	S13	6.9	0.842	0.231	0.0441	
480 minute summer	J33	32.008	S14	9.6	1.003	0.092	0.0884	
480 minute summer	J34	32.010	J35	12.0	1.063	0.312	0.1027	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J35	248	185.134	0.059	12.5	0.0664	0.0000	OK
480 minute summer	J36	248	184.969	0.094	13.0	0.1067	0.0000	OK
480 minute summer	J37	248	184.597	0.097	15.8	0.1094	0.0000	OK
480 minute summer	J38	248	184.429	0.128	18.5	0.1453	0.0000	OK
480 minute summer	J39	248	184.392	0.118	19.1	0.1329	0.0000	OK
480 minute summer	J40	248	184.362	0.097	19.6	0.1101	0.0000	OK
480 minute summer	J41	256	184.621	0.024	0.8	0.0275	0.0000	OK
480 minute summer	J42	256	184.571	0.034	1.4	0.0382	0.0000	OK
480 minute summer	J43	248	184.444	0.064	3.7	0.0722	0.0000	OK
480 minute summer	J44	248	184.431	0.061	4.2	0.0686	0.0000	OK
480 minute summer	J45	256	184.387	0.067	4.6	0.0756	0.0000	OK
480 minute summer	J46	248	184.321	0.099	6.9	0.1120	0.0000	OK
480 minute summer	J47	248	184.315	0.108	7.3	0.1223	0.0000	OK
480 minute summer	J48	248	184.302	0.108	9.7	0.1216	0.0000	OK
480 minute summer	J49	248	184.289	0.120	10.3	0.1358	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J35	32.011	J36	12.5	1.048	0.140	0.0824	
480 minute summer	J36	32.012	S15	13.0	1.026	0.434	0.0302	
480 minute summer	J37	32.014	S16	15.8	1.117	0.286	0.0745	
480 minute summer	J38	32.016	J39	18.5	0.682	0.343	0.2941	
480 minute summer	J39	32.017	J40	19.1	0.842	0.349	0.0829	
480 minute summer	J40	32.018	S10	19.6	1.049	0.196	0.1786	
480 minute summer	J41	48.002	J42	0.8	0.409	0.130	0.0118	
480 minute summer	J42	48.003	S21	1.4	0.599	0.231	0.0186	
480 minute summer	J43	48.005	J44	3.7	0.536	0.265	0.0111	
480 minute summer	J44	48.006	J45	4.1	0.582	0.311	0.0625	
480 minute summer	J45	48.007	S22	4.6	0.650	0.339	0.0168	
480 minute summer	J46	48.009	J47	6.9	0.386	0.223	0.0752	
480 minute summer	J47	48.010	S23	7.3	0.380	0.242	0.0509	
480 minute summer	J48	48.012	J49	9.7	0.482	0.325	0.1499	
480 minute summer	J49	48.013	J50	10.3	0.489	0.335	0.0238	

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J50	248	184.280	0.115	10.8	0.1304	0.0000	OK
480 minute summer	J51	256	184.267	0.119	11.3	0.1347	0.0000	OK
480 minute summer	J52	256	184.255	0.111	12.0	0.1260	0.0000	OK
480 minute summer	J53	256	184.232	0.105	12.5	0.1191	0.0000	OK
480 minute summer	J54	248	185.178	0.049	2.5	0.0558	0.0000	OK
480 minute summer	J55	248	185.140	0.046	3.1	0.0525	0.0000	OK
480 minute summer	J56	248	184.141	0.134	17.9	0.1515	0.0000	OK
480 minute summer	J57	248	184.119	0.134	18.3	0.1513	0.0000	OK
480 minute summer	BASIN 1	448	186.275	1.350	30.8	178.3203	0.0000	SURCHARGED
480 minute summer	BASIN 2	472	184.852	0.552	4.1	55.9151	0.0000	OK
480 minute summer	BASIN 3	720	183.315	0.215	25.2	276.2034	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J50	48.014	J51	10.8	0.518	0.362	0.1059	
480 minute summer	J51	48.015	J52	11.2	0.551	0.367	0.0232	
480 minute summer	J52	48.016	J53	12.0	0.636	0.394	0.0921	
480 minute summer	J53	48.017	S24	12.5	0.748	0.414	0.1712	
480 minute summer	J54	65.002	J55	2.5	0.673	0.420	0.0135	
480 minute summer	J55	65.003	S24	3.1	0.888	0.401	0.0270	
480 minute summer	J56	48.019	J57	17.8	0.586	0.329	0.2763	
480 minute summer	J57	48.020	S25	18.3	0.625	0.334	0.1794	
480 minute summer	BASIN 1	1.023	S5	4.0	0.159	0.048	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				4.2
480 minute summer	BASIN 2	1.027	S7	4.0	0.585	0.048	0.1538	
480 minute summer	BASIN 2	71.000	BH1	1.1	0.549	0.179	0.1829	
480 minute summer	BASIN 2	Infiltration		0.0				0.0
480 minute summer	BASIN 3	1.034	BH2	2.1	0.396	0.017	0.9053	
480 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	BASIN 4	512	183.942	0.611	22.3	184.7026	0.0000	SURCHARGED
480 minute summer	SWALE 1	392	184.931	0.057	4.0	0.0810	0.0000	OK
480 minute summer	SWALE 2	480	184.431	0.056	4.0	0.0796	0.0000	OK
480 minute summer	SWALE 3	248	184.103	0.108	22.2	0.1551	0.0000	OK
480 minute summer	BH1	472	184.852	0.775	1.1	3.0494	0.0000	OK
480 minute summer	BH2	720	183.315	0.232	2.1	2.7582	0.0000	OK
480 minute summer	BH3	512	183.942	0.622	1.1	4.5101	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	BASIN 4	48.022	BH3	1.1	0.421	0.020	0.3211	
480 minute summer	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	4.0	0.396	0.048	0.3926	
480 minute summer	SWALE 2	1.029	S8	4.0	0.558	0.048	0.1892	
480 minute summer	SWALE 3	1.033	BASIN 3	22.1	0.858	0.177	1.1152	
480 minute summer	BH1	Infiltration		0.1				3.6
480 minute summer	BH2	Infiltration		0.2				3.3
480 minute summer	BH3	Infiltration		0.2				7.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	240	188.393	0.023	1.0	0.0337	0.0000	OK
480 minute winter	S2	256	187.131	0.091	9.3	0.1583	0.0000	OK
480 minute winter	S3	456	186.293	0.156	12.6	0.2070	0.0000	OK
480 minute winter	S4	464	186.296	0.918	21.6	1.1767	0.0000	SURCHARGED
480 minute winter	S5	464	186.293	1.383	4.0	1.9785	0.0000	SURCHARGED
480 minute winter	S6	464	184.866	0.058	4.0	0.0829	0.0000	OK
480 minute winter	S7	464	184.789	0.030	4.0	0.0432	0.0000	OK
480 minute winter	S8	464	184.362	0.032	4.0	0.0463	0.0000	OK
480 minute winter	S9	440	184.178	0.053	4.0	0.0759	0.0000	OK
480 minute winter	S10	248	184.175	0.062	15.8	0.1133	0.0000	OK
480 minute winter	S11	248	186.434	0.034	1.3	0.0528	0.0000	OK
480 minute winter	S12	248	186.235	0.059	3.7	0.0873	0.0000	OK
480 minute winter	S13	248	186.033	0.040	6.3	0.0596	0.0000	OK
480 minute winter	S14	248	185.245	0.070	8.4	0.1098	0.0000	OK
480 minute winter	S15	248	184.922	0.055	10.9	0.0868	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S1	1.000	J1	1.0	0.482	0.115	0.0175	
480 minute winter	S2	1.012	J12	9.3	0.676	0.311	0.0205	
480 minute winter	S3	1.019	J18	12.6	0.995	0.237	0.2011	
480 minute winter	S4	1.022	BASIN 1	21.5	1.028	0.128	1.1778	
480 minute winter	S5	1.024	SWALE 1	4.0	0.391	0.048	0.2116	
480 minute winter	S6	1.026	BASIN 2	4.0	0.474	0.047	0.0597	
480 minute winter	S7	1.028	SWALE 2	4.0	0.581	0.013	0.1197	
480 minute winter	S8	1.030	S9	4.0	0.610	0.015	0.0842	
480 minute winter	S9	1.031	S10	4.0	0.642	0.048	0.0692	
480 minute winter	S10	1.032	SWALE 3	15.8	0.981	0.048	0.0710	
480 minute winter	S11	32.000	J28	1.3	0.534	0.219	0.0110	
480 minute winter	S12	32.003	J30	3.7	0.553	0.274	0.0337	
480 minute winter	S13	32.007	J33	6.3	1.357	0.065	0.0607	
480 minute winter	S14	32.009	J34	8.4	0.765	0.165	0.0575	
480 minute winter	S15	32.013	J37	10.9	1.506	0.118	0.0674	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	248	184.532	0.045	12.8	0.0680	0.0000	OK
480 minute winter	S17	464	186.294	0.144	1.5	0.2286	0.0000	SURCHARGED
480 minute winter	S18	464	186.293	0.469	4.3	0.6933	0.0000	SURCHARGED
480 minute winter	S19	464	186.293	0.527	6.8	0.7598	0.0000	SURCHARGED
480 minute winter	S20	272	184.664	0.022	0.6	0.0248	0.0000	OK
480 minute winter	S21	248	184.455	0.046	2.4	0.0613	0.0000	OK
480 minute winter	S22	248	184.307	0.076	4.8	0.0989	0.0000	OK
480 minute winter	S23	248	184.290	0.092	6.7	0.1182	0.0000	OK
480 minute winter	S24	248	184.132	0.115	12.8	0.1513	0.0000	OK
480 minute winter	S25	256	184.077	0.107	14.3	0.1474	0.0000	OK
480 minute winter	S26	264	185.401	0.024	1.3	0.0354	0.0000	OK
480 minute winter	FC1	256	188.489	0.238	0.5	0.3079	0.0000	SURCHARGED
480 minute winter	FC2	256	188.389	0.239	0.5	0.3090	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S16	32.015	J38	12.8	0.920	0.040	0.0335	
480 minute winter	S17	23.001	J20	1.5	0.621	0.261	0.0560	
480 minute winter	S18	23.006	J24	4.3	0.437	0.135	0.0729	
480 minute winter	S19	23.010	J27	6.8	0.546	0.227	0.3541	
480 minute winter	S20	48.001	J41	0.6	0.473	0.099	0.0057	
480 minute winter	S21	48.004	J43	2.4	0.461	0.179	0.0264	
480 minute winter	S22	48.008	J46	4.8	0.396	0.152	0.0295	
480 minute winter	S23	48.011	J48	6.7	0.457	0.219	0.0166	
480 minute winter	S24	48.018	J56	12.8	0.526	0.239	0.1030	
480 minute winter	S25	48.021	BASIN 4	14.3	0.711	0.268	0.0775	
480 minute winter	S26	65.001	J54	1.3	0.631	0.125	0.0178	
480 minute winter	FC1	2.000	J1	0.5	0.256	0.076	0.0093	
480 minute winter	FC1	Infiltration		0.0				0.0
480 minute winter	FC2	3.000	J2	0.5	0.445	0.080	0.0048	
480 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC3	272	188.558	0.358	0.6	0.4842	0.0000	SURCHARGED
480 minute winter	FC4	288	188.302	0.102	0.3	0.1276	0.0000	SURCHARGED
480 minute winter	FC5	256	188.239	0.239	0.5	0.3091	0.0000	SURCHARGED
480 minute winter	FC6	288	187.951	0.101	0.3	0.1264	0.0000	SURCHARGED
480 minute winter	FC7	288	187.852	0.102	0.3	0.1281	0.0000	SURCHARGED
480 minute winter	FC8	256	187.986	0.235	0.5	0.3040	0.0000	SURCHARGED
480 minute winter	FC9	288	187.574	0.104	0.3	0.1297	0.0000	SURCHARGED
480 minute winter	FC10	272	187.828	0.358	0.6	0.4836	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC3	4.000	J3	0.6	0.495	0.094	0.0111	
480 minute winter	FC3	Infiltration		0.0				0.0
480 minute winter	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
480 minute winter	FC4	Infiltration		0.0				0.0
480 minute winter	FC5	6.000	J5	0.5	0.444	0.080	0.0044	
480 minute winter	FC5	Infiltration		0.0				0.0
480 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
480 minute winter	FC6	Infiltration		0.0				0.0
480 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
480 minute winter	FC7	Infiltration		0.0				0.0
480 minute winter	FC8	9.000	J8	0.5	0.622	0.049	0.0032	
480 minute winter	FC8	Infiltration		0.0				0.0
480 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
480 minute winter	FC9	Infiltration		0.0				0.0
480 minute winter	FC10	11.000	J10	0.6	0.514	0.089	0.0071	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC11	256	187.559	0.239	0.5	0.3088	0.0000	SURCHARGED
480 minute winter	FC12	256	187.469	0.239	0.5	0.3088	0.0000	SURCHARGED
480 minute winter	FC13	256	187.239	0.239	0.5	0.3088	0.0000	SURCHARGED
480 minute winter	FC14	296	187.020	0.120	0.5	1.5240	0.0000	SURCHARGED
480 minute winter	FC15	288	187.299	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC16	288	187.003	0.103	0.3	0.1291	0.0000	SURCHARGED
480 minute winter	FC17	288	187.099	0.099	0.3	0.1241	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC10	Infiltration		0.0				0.0
480 minute winter	FC11	12.000	J11	0.5	0.447	0.080	0.0082	
480 minute winter	FC11	Infiltration		0.0				0.0
480 minute winter	FC12	13.000	S2	0.5	0.446	0.080	0.0073	
480 minute winter	FC12	Infiltration		0.0				0.0
480 minute winter	FC13	14.000	J12	0.5	0.447	0.080	0.0072	
480 minute winter	FC13	Infiltration		0.0				0.0
480 minute winter	FC14	15.000	J13	0.3	0.402	0.055	0.0061	
480 minute winter	FC14	Infiltration		0.0				0.0
480 minute winter	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
480 minute winter	FC15	Infiltration		0.0				0.0
480 minute winter	FC16	17.000	J15	0.3	0.410	0.048	0.0056	
480 minute winter	FC16	Infiltration		0.0				0.0
480 minute winter	FC17	18.000	J16	0.3	0.648	0.025	0.0022	
480 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC18	288	186.654	0.104	0.3	0.1297	0.0000	SURCHARGED
480 minute winter	FC19	256	186.639	0.239	0.5	0.3089	0.0000	SURCHARGED
480 minute winter	FC20	256	187.182	0.232	0.5	0.2999	0.0000	SURCHARGED
480 minute winter	FC21	256	186.539	0.239	0.5	0.3088	0.0000	SURCHARGED
480 minute winter	FC22	288	186.529	0.079	0.3	0.7602	0.0000	OK
480 minute winter	FC23	288	186.399	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC24	256	186.533	0.233	0.5	0.3009	0.0000	SURCHARGED
480 minute winter	FC25	256	186.782	0.232	0.5	0.3000	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
480 minute winter	FC18	Infiltration		0.0				0.0
480 minute winter	FC19	20.000	S3	0.5	0.445	0.080	0.0070	
480 minute winter	FC19	Infiltration		0.0				0.0
480 minute winter	FC20	21.000	J18	0.5	0.894	0.030	0.0023	
480 minute winter	FC20	Infiltration		0.0				0.0
480 minute winter	FC21	22.000	J19	0.5	0.446	0.080	0.0240	
480 minute winter	FC21	Infiltration		0.0				0.0
480 minute winter	FC22	23.000	S17	0.3	0.250	0.017	0.0194	
480 minute winter	FC22	Infiltration		0.0				0.0
480 minute winter	FC23	24.000	J20	0.3	0.686	0.023	0.0187	
480 minute winter	FC23	Infiltration		0.0				0.0
480 minute winter	FC24	25.000	J21	0.5	0.809	0.034	0.0192	
480 minute winter	FC24	Infiltration		0.0				0.0
480 minute winter	FC25	26.000	J22	0.5	0.887	0.030	0.0128	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC26	288	186.528	0.078	0.3	0.7813	0.0000	OK
480 minute winter	FC27	288	186.599	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC28	256	186.732	0.232	0.5	0.2999	0.0000	SURCHARGED
480 minute winter	FC29	256	186.733	0.233	0.5	0.3002	0.0000	SURCHARGED
480 minute winter	FC30	256	186.983	0.233	0.5	0.3006	0.0000	SURCHARGED
480 minute winter	FC31	288	186.551	0.101	0.3	0.1259	0.0000	SURCHARGED
480 minute winter	FC32	288	186.549	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC25	Infiltration		0.0				0.0
480 minute winter	FC26	27.000	J23	0.3	0.657	0.020	0.0125	
480 minute winter	FC26	Infiltration		0.0				0.0
480 minute winter	FC27	28.000	J24	0.3	0.961	0.014	0.0183	
480 minute winter	FC27	Infiltration		0.0				0.0
480 minute winter	FC28	29.000	J25	0.5	0.892	0.030	0.0169	
480 minute winter	FC28	Infiltration		0.0				0.0
480 minute winter	FC29	30.000	J26	0.5	0.868	0.031	0.0183	
480 minute winter	FC29	Infiltration		0.0				0.0
480 minute winter	FC30	31.000	J27	0.5	0.834	0.033	0.0025	
480 minute winter	FC30	Infiltration		0.0				0.0
480 minute winter	FC31	33.000	J28	0.3	0.228	0.033	0.0066	
480 minute winter	FC31	Infiltration		0.0				0.0
480 minute winter	FC32	34.000	J29	0.3	0.205	0.024	0.0073	
480 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC33	256	186.683	0.233	0.5	0.3008	0.0000	SURCHARGED
480 minute winter	FC34	256	186.689	0.239	0.5	0.3085	0.0000	SURCHARGED
480 minute winter	FC35	256	186.683	0.233	0.5	0.3007	0.0000	SURCHARGED
480 minute winter	FC36	256	186.683	0.233	0.5	0.3002	0.0000	SURCHARGED
480 minute winter	FC37	272	186.155	0.355	0.6	0.4800	0.0000	SURCHARGED
480 minute winter	FC38	288	185.523	0.073	0.3	0.8787	0.0000	OK
480 minute winter	FC39	288	185.549	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC40	256	185.732	0.232	0.5	0.2991	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC33	35.000	S12	0.5	0.820	0.033	0.0024	
480 minute winter	FC33	Infiltration		0.0				0.0
480 minute winter	FC34	36.000	J30	0.5	0.458	0.077	0.0049	
480 minute winter	FC34	Infiltration		0.0				0.0
480 minute winter	FC35	37.000	J31	0.5	0.825	0.033	0.0029	
480 minute winter	FC35	Infiltration		0.0				0.0
480 minute winter	FC36	38.000	J32	0.5	0.865	0.031	0.0027	
480 minute winter	FC36	Infiltration		0.0				0.0
480 minute winter	FC37	39.000	J33	0.6	0.630	0.066	0.0061	
480 minute winter	FC37	Infiltration		0.0				0.0
480 minute winter	FC38	40.000	J34	0.3	0.625	0.020	0.0019	
480 minute winter	FC38	Infiltration		0.0				0.0
480 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
480 minute winter	FC39	Infiltration		0.0				0.0
480 minute winter	FC40	42.000	J36	0.5	1.016	0.025	0.0024	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC41	256	185.085	0.235	0.5	0.3031	0.0000	SURCHARGED
480 minute winter	FC42	256	184.836	0.236	0.5	0.3049	0.0000	SURCHARGED
480 minute winter	FC43	256	184.835	0.235	0.5	0.3033	0.0000	SURCHARGED
480 minute winter	FC44	208	184.612	0.012	0.3	0.0148	0.0000	OK
480 minute winter	FC45	288	184.699	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC46	272	185.059	0.359	0.6	0.4850	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	256	185.033	0.233	0.5	0.3005	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC40	Infiltration		0.0				0.0
480 minute winter	FC41	43.000	J37	0.5	0.665	0.045	0.0036	
480 minute winter	FC41	Infiltration		0.0				0.0
480 minute winter	FC42	44.000	J38	0.5	0.580	0.055	0.0040	
480 minute winter	FC42	Infiltration		0.0				0.0
480 minute winter	FC43	45.000	J39	0.5	0.658	0.046	0.0031	
480 minute winter	FC43	Infiltration		0.0				0.0
480 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
480 minute winter	FC44	Infiltration		0.0				0.0
480 minute winter	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
480 minute winter	FC45	Infiltration		0.0				0.0
480 minute winter	FC46	48.000	S20	0.6	0.465	0.099	0.0076	
480 minute winter	FC46	Infiltration		0.0				0.0
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
480 minute winter	FC48	50.000	J42	0.5	0.397	0.034	0.0062	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC49	256	185.039	0.239	0.5	0.3091	0.0000	SURCHARGED
480 minute winter	FC50	256	185.039	0.239	0.5	0.3090	0.0000	SURCHARGED
480 minute winter	FC51	256	185.089	0.239	0.5	0.3089	0.0000	SURCHARGED
480 minute winter	FC52	256	185.485	0.235	0.5	0.3034	0.0000	SURCHARGED
480 minute winter	FC53	256	185.486	0.236	0.5	0.3043	0.0000	SURCHARGED
480 minute winter	FC54	288	185.350	0.100	0.3	0.1250	0.0000	OK
480 minute winter	FC55	288	185.349	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC48	Infiltration		0.0				0.0
480 minute winter	FC49	51.000	S21	0.5	0.444	0.080	0.0047	
480 minute winter	FC49	Infiltration		0.0				0.0
480 minute winter	FC50	52.000	J43	0.5	0.444	0.080	0.0050	
480 minute winter	FC50	Infiltration		0.0				0.0
480 minute winter	FC51	55.000	S22	0.5	0.446	0.080	0.0065	
480 minute winter	FC51	Infiltration		0.0				0.0
480 minute winter	FC52	58.000	S23	0.5	0.648	0.047	0.0040	
480 minute winter	FC52	Infiltration		0.0				0.0
480 minute winter	FC53	61.000	J50	0.5	0.609	0.051	0.0033	
480 minute winter	FC53	Infiltration		0.0				0.0
480 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
480 minute winter	FC54	Infiltration		0.0				0.0
480 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
480 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC56	288	185.449	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC57	288	185.449	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC58	288	185.449	0.099	0.3	0.1240	0.0000	OK
480 minute winter	FC59	288	185.449	0.099	0.3	0.1241	0.0000	OK
480 minute winter	FC60	256	185.584	0.234	0.5	0.3020	0.0000	SURCHARGED
480 minute winter	FC61	256	185.536	0.236	0.5	0.3048	0.0000	SURCHARGED
480 minute winter	FC62	272	185.606	0.356	0.6	0.4815	0.0000	SURCHARGED
480 minute winter	FC63	288	185.503	0.103	0.3	0.1294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
480 minute winter	FC56	Infiltration		0.0				0.0
480 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
480 minute winter	FC57	Infiltration		0.0				0.0
480 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
480 minute winter	FC58	Infiltration		0.0				0.0
480 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
480 minute winter	FC59	Infiltration		0.0				0.0
480 minute winter	FC60	59.000	J48	0.5	0.727	0.040	0.0043	
480 minute winter	FC60	Infiltration		0.0				0.0
480 minute winter	FC61	60.000	J49	0.5	0.583	0.055	0.0060	
480 minute winter	FC61	Infiltration		0.0				0.0
480 minute winter	FC62	63.000	J52	0.6	0.572	0.077	0.0096	
480 minute winter	FC62	Infiltration		0.0				0.0
480 minute winter	FC63	65.000	S26	0.3	0.297	0.051	0.0026	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC64	264	185.255	0.105	0.3	0.1310	0.0000	SURCHARGED
480 minute winter	FC65	256	185.385	0.235	0.5	0.3034	0.0000	SURCHARGED
480 minute winter	FC66	256	185.238	0.238	0.5	0.3074	0.0000	SURCHARGED
480 minute winter	FC67	288	184.879	0.079	0.3	0.8143	0.0000	OK
480 minute winter	FC68	288	184.651	0.101	0.3	0.1266	0.0000	SURCHARGED
480 minute winter	J1	256	188.240	0.040	2.5	0.0588	0.0000	OK
480 minute winter	J2	256	188.114	0.057	2.9	0.0650	0.0000	OK
480 minute winter	J3	256	188.103	0.053	3.5	0.0598	0.0000	OK
480 minute winter	J4	256	188.076	0.037	3.8	0.0418	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC63	Infiltration		0.0				0.0
480 minute winter	FC64	66.000	J54	0.3	0.192	0.052	0.0040	
480 minute winter	FC64	Infiltration		0.0				0.0
480 minute winter	FC65	67.000	J55	0.5	0.292	0.049	0.0037	
480 minute winter	FC65	Infiltration		0.0				0.0
480 minute winter	FC66	68.000	S24	0.5	0.499	0.066	0.0020	
480 minute winter	FC66	Infiltration		0.0				0.0
480 minute winter	FC67	69.000	J56	0.3	0.366	0.043	0.0015	
480 minute winter	FC67	Infiltration		0.0				0.0
480 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
480 minute winter	FC68	Infiltration		0.0				0.0
480 minute winter	J1	1.001	J2	2.5	0.884	0.298	0.0140	
480 minute winter	J2	1.002	J3	2.9	0.501	0.219	0.0061	
480 minute winter	J3	1.003	J4	3.5	0.795	0.265	0.0087	
480 minute winter	J4	1.004	J5	3.8	1.202	0.112	0.0112	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J5	256	187.944	0.034	4.3	0.0384	0.0000	OK
480 minute winter	J6	256	187.698	0.048	4.6	0.0538	0.0000	OK
480 minute winter	J7	256	187.584	0.059	4.9	0.0662	0.0000	OK
480 minute winter	J8	256	187.558	0.037	5.4	0.0422	0.0000	OK
480 minute winter	J9	256	187.337	0.062	5.7	0.0703	0.0000	OK
480 minute winter	J10	256	187.306	0.036	6.2	0.0407	0.0000	OK
480 minute winter	J11	256	187.171	0.050	6.7	0.0571	0.0000	OK
480 minute winter	J12	256	186.872	0.063	9.8	0.0712	0.0000	OK
480 minute winter	J13	256	186.728	0.101	10.1	0.1137	0.0000	OK
480 minute winter	J14	256	186.717	0.095	10.4	0.1069	0.0000	OK
480 minute winter	J15	256	186.701	0.084	10.6	0.0951	0.0000	OK
480 minute winter	J16	256	186.669	0.064	10.9	0.0723	0.0000	OK
480 minute winter	J17	256	186.327	0.044	11.2	0.0499	0.0000	OK
480 minute winter	J18	464	186.296	0.171	13.1	0.1935	0.0000	OK
480 minute winter	J19	456	186.298	0.271	21.2	0.3064	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J5	1.005	J6	4.3	1.111	0.112	0.0221	
480 minute winter	J6	1.006	J7	4.6	1.062	0.161	0.0085	
480 minute winter	J7	1.007	J8	4.9	0.820	0.161	0.0071	
480 minute winter	J8	1.008	J9	5.4	0.825	0.060	0.0559	
480 minute winter	J9	1.009	J10	5.7	0.888	0.170	0.0078	
480 minute winter	J10	1.010	J11	6.2	1.175	0.048	0.0131	
480 minute winter	J11	1.011	S2	6.7	0.626	0.104	0.0584	
480 minute winter	J12	1.013	J13	9.8	1.142	0.146	0.0553	
480 minute winter	J13	1.014	J14	10.1	0.507	0.177	0.0376	
480 minute winter	J14	1.015	J15	10.4	0.589	0.184	0.0337	
480 minute winter	J15	1.016	J16	10.6	0.790	0.200	0.0695	
480 minute winter	J16	1.017	J17	10.9	1.097	0.077	0.0336	
480 minute winter	J17	1.018	S3	11.2	0.976	0.036	0.0366	
480 minute winter	J18	1.020	J19	21.0	0.860	0.073	0.0794	
480 minute winter	J19	1.021	S4	13.6	0.704	0.246	0.2951	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J20	464	186.293	0.262	1.8	0.2968	0.0000	SURCHARGED
480 minute winter	J21	464	186.293	0.284	2.3	0.3217	0.0000	SURCHARGED
480 minute winter	J22	464	186.293	0.330	2.8	0.3737	0.0000	SURCHARGED
480 minute winter	J23	464	186.293	0.351	3.0	0.3974	0.0000	SURCHARGED
480 minute winter	J24	464	186.293	0.476	4.6	0.5385	0.0000	SURCHARGED
480 minute winter	J25	464	186.293	0.497	5.1	0.5622	0.0000	SURCHARGED
480 minute winter	J26	464	186.293	0.514	8.0	0.5813	0.0000	SURCHARGED
480 minute winter	J27	456	186.295	0.559	7.3	0.6317	0.0000	SURCHARGED
480 minute winter	J28	248	186.392	0.036	1.6	0.0411	0.0000	OK
480 minute winter	J29	248	186.312	0.041	1.9	0.0468	0.0000	OK
480 minute winter	J30	248	186.209	0.062	4.1	0.0697	0.0000	OK
480 minute winter	J31	248	186.106	0.062	4.6	0.0703	0.0000	OK
480 minute winter	J32	248	186.071	0.060	5.0	0.0680	0.0000	OK
480 minute winter	J33	248	185.574	0.039	6.9	0.0443	0.0000	OK
480 minute winter	J34	248	185.200	0.075	8.6	0.0845	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J20	23.002	J21	1.8	0.459	0.137	0.0665	
480 minute winter	J21	23.003	J22	2.3	0.488	0.173	0.1411	
480 minute winter	J22	23.004	J23	2.8	0.529	0.206	0.0633	
480 minute winter	J23	23.005	S18	3.0	0.598	0.226	0.1321	
480 minute winter	J24	23.007	J25	4.6	0.448	0.153	0.2458	
480 minute winter	J25	23.008	J26	5.3	0.444	0.176	0.1975	
480 minute winter	J26	23.009	S19	5.5	0.456	0.180	0.1474	
480 minute winter	J27	23.011	S4	8.7	0.632	0.290	0.0951	
480 minute winter	J28	32.001	J29	1.6	0.569	0.270	0.0248	
480 minute winter	J29	32.002	S12	1.9	0.648	0.320	0.0136	
480 minute winter	J30	32.004	J31	4.1	0.635	0.310	0.0322	
480 minute winter	J31	32.005	J32	4.6	0.525	0.152	0.0848	
480 minute winter	J32	32.006	S13	5.0	0.769	0.167	0.0350	
480 minute winter	J33	32.008	S14	6.9	0.934	0.066	0.0684	
480 minute winter	J34	32.010	J35	8.6	0.981	0.224	0.0801	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J35	248	185.123	0.048	8.9	0.0547	0.0000	OK
480 minute winter	J36	248	184.954	0.079	9.4	0.0898	0.0000	OK
480 minute winter	J37	248	184.582	0.082	11.3	0.0930	0.0000	OK
480 minute winter	J38	248	184.407	0.107	13.3	0.1209	0.0000	OK
480 minute winter	J39	248	184.372	0.098	13.7	0.1111	0.0000	OK
480 minute winter	J40	248	184.346	0.081	14.0	0.0919	0.0000	OK
480 minute winter	J41	272	184.618	0.021	0.6	0.0240	0.0000	OK
480 minute winter	J42	264	184.566	0.029	1.0	0.0332	0.0000	OK
480 minute winter	J43	248	184.434	0.054	2.8	0.0614	0.0000	OK
480 minute winter	J44	248	184.422	0.052	3.1	0.0585	0.0000	OK
480 minute winter	J45	248	184.377	0.057	3.4	0.0640	0.0000	OK
480 minute winter	J46	248	184.301	0.079	5.1	0.0893	0.0000	OK
480 minute winter	J47	248	184.295	0.088	5.4	0.0993	0.0000	OK
480 minute winter	J48	248	184.282	0.088	7.2	0.0992	0.0000	OK
480 minute winter	J49	248	184.269	0.100	7.7	0.1130	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J35	32.011	J36	8.9	0.963	0.100	0.0644	
480 minute winter	J36	32.012	S15	9.4	0.942	0.313	0.0238	
480 minute winter	J37	32.014	S16	11.3	1.046	0.205	0.0575	
480 minute winter	J38	32.016	J39	13.3	0.625	0.246	0.2301	
480 minute winter	J39	32.017	J40	13.7	0.778	0.251	0.0647	
480 minute winter	J40	32.018	S10	14.0	0.961	0.141	0.1399	
480 minute winter	J41	48.002	J42	0.6	0.381	0.099	0.0097	
480 minute winter	J42	48.003	S21	1.0	0.559	0.178	0.0153	
480 minute winter	J43	48.005	J44	2.8	0.511	0.203	0.0089	
480 minute winter	J44	48.006	J45	3.1	0.548	0.235	0.0503	
480 minute winter	J45	48.007	S22	3.4	0.603	0.253	0.0136	
480 minute winter	J46	48.009	J47	5.1	0.381	0.165	0.0563	
480 minute winter	J47	48.010	S23	5.4	0.365	0.178	0.0390	
480 minute winter	J48	48.012	J49	7.2	0.460	0.240	0.1166	
480 minute winter	J49	48.013	J50	7.6	0.462	0.250	0.0188	

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J50	248	184.261	0.096	8.1	0.1084	0.0000	OK
480 minute winter	J51	248	184.248	0.100	8.4	0.1132	0.0000	OK
480 minute winter	J52	248	184.238	0.094	9.0	0.1060	0.0000	OK
480 minute winter	J53	248	184.216	0.089	9.3	0.1008	0.0000	OK
480 minute winter	J54	264	185.167	0.038	1.6	0.0431	0.0000	OK
480 minute winter	J55	256	185.131	0.037	2.1	0.0420	0.0000	OK
480 minute winter	J56	256	184.118	0.111	13.0	0.1256	0.0000	OK
480 minute winter	J57	256	184.097	0.112	13.3	0.1264	0.0000	OK
480 minute winter	BASIN 1	464	186.293	1.368	22.1	181.4187	0.0000	SURCHARGED
480 minute winter	BASIN 2	464	184.852	0.552	4.2	55.9327	0.0000	OK
480 minute winter	BASIN 3	720	183.321	0.221	17.8	278.7910	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J50	48.014	J51	8.1	0.489	0.271	0.0841	
480 minute winter	J51	48.015	J52	8.4	0.514	0.274	0.0186	
480 minute winter	J52	48.016	J53	9.0	0.593	0.294	0.0737	
480 minute winter	J53	48.017	S24	9.3	0.688	0.307	0.1381	
480 minute winter	J54	65.002	J55	1.6	0.601	0.270	0.0098	
480 minute winter	J55	65.003	S24	2.1	0.805	0.272	0.0202	
480 minute winter	J56	48.019	J57	13.0	0.546	0.240	0.2162	
480 minute winter	J57	48.020	S25	13.3	0.574	0.244	0.1416	
480 minute winter	BASIN 1	1.023	S5	4.0	0.167	0.049	0.9418	
480 minute winter	BASIN 1	Infiltration		0.1				4.2
480 minute winter	BASIN 2	1.027	S7	4.0	0.586	0.049	0.1544	
480 minute winter	BASIN 2	71.000	BH1	1.1	0.553	0.193	0.1829	
480 minute winter	BASIN 2	Infiltration		0.0				0.0
480 minute winter	BASIN 3	1.034	BH2	2.2	0.405	0.018	0.9372	
480 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	BASIN 4	504	183.950	0.620	15.9	187.5125	0.0000	SURCHARGED
480 minute winter	SWALE 1	384	184.931	0.057	4.0	0.0811	0.0000	OK
480 minute winter	SWALE 2	464	184.431	0.056	4.0	0.0798	0.0000	OK
480 minute winter	SWALE 3	248	184.086	0.091	15.8	0.1303	0.0000	OK
480 minute winter	BH1	464	184.852	0.775	1.1	3.0499	0.0000	OK
480 minute winter	BH2	720	183.321	0.238	2.2	2.7887	0.0000	OK
480 minute winter	BH3	504	183.950	0.631	1.2	4.5503	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	BASIN 4	48.022	BH3	1.2	0.459	0.022	0.3211	
480 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	4.0	0.397	0.049	0.3946	
480 minute winter	SWALE 2	1.029	S8	4.0	0.559	0.049	0.1899	
480 minute winter	SWALE 3	1.033	BASIN 3	15.8	0.781	0.127	0.8750	
480 minute winter	BH1	Infiltration		0.1				3.6
480 minute winter	BH2	Infiltration		0.2				3.3
480 minute winter	BH3	Infiltration		0.2				7.1

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.395	0.025	1.2	0.0369	0.0000	OK
600 minute summer	S2	315	187.140	0.101	11.2	0.1752	0.0000	OK
600 minute summer	S3	510	186.310	0.173	15.3	0.2294	0.0000	OK
600 minute summer	S4	480	186.308	0.930	26.0	1.1925	0.0000	SURCHARGED
600 minute summer	S5	510	186.309	1.399	4.1	2.0016	0.0000	SURCHARGED
600 minute summer	S6	510	184.866	0.058	4.1	0.0832	0.0000	OK
600 minute summer	S7	525	184.789	0.030	4.1	0.0433	0.0000	OK
600 minute summer	S8	525	184.363	0.032	4.1	0.0465	0.0000	OK
600 minute summer	S9	315	184.183	0.058	4.1	0.0828	0.0000	OK
600 minute summer	S10	315	184.183	0.070	19.2	0.1272	0.0000	OK
600 minute summer	S11	315	186.438	0.038	1.6	0.0595	0.0000	OK
600 minute summer	S12	315	186.243	0.067	4.5	0.0992	0.0000	OK
600 minute summer	S13	315	186.037	0.044	7.7	0.0659	0.0000	OK
600 minute summer	S14	315	185.253	0.078	10.2	0.1229	0.0000	OK
600 minute summer	S15	315	184.928	0.061	13.2	0.0962	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S1	1.000	J1	1.2	0.504	0.137	0.0200	
600 minute summer	S2	1.012	J12	11.2	0.715	0.376	0.0235	
600 minute summer	S3	1.019	J18	15.3	1.037	0.288	0.2232	
600 minute summer	S4	1.022	BASIN 1	25.7	0.910	0.154	1.1778	
600 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2121	
600 minute summer	S6	1.026	BASIN 2	4.1	0.475	0.047	0.0600	
600 minute summer	S7	1.028	SWALE 2	4.1	0.582	0.013	0.1203	
600 minute summer	S8	1.030	S9	4.1	0.610	0.016	0.0837	
600 minute summer	S9	1.031	S10	4.1	0.641	0.048	0.0831	
600 minute summer	S10	1.032	SWALE 3	19.2	1.022	0.058	0.0824	
600 minute summer	S11	32.000	J28	1.6	0.559	0.269	0.0130	
600 minute summer	S12	32.003	J30	4.5	0.580	0.338	0.0396	
600 minute summer	S13	32.007	J33	7.7	1.437	0.079	0.0700	
600 minute summer	S14	32.009	J34	10.2	0.804	0.201	0.0665	
600 minute summer	S15	32.013	J37	13.2	1.585	0.143	0.0777	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.538	0.051	15.5	0.0773	0.0000	OK
600 minute summer	S17	510	186.310	0.160	2.0	0.2543	0.0000	SURCHARGED
600 minute summer	S18	495	186.309	0.485	5.4	0.7173	0.0000	SURCHARGED
600 minute summer	S19	510	186.309	0.543	8.4	0.7827	0.0000	SURCHARGED
600 minute summer	S20	330	184.666	0.024	0.7	0.0269	0.0000	OK
600 minute summer	S21	315	184.460	0.051	2.8	0.0681	0.0000	OK
600 minute summer	S22	315	184.319	0.088	5.8	0.1142	0.0000	OK
600 minute summer	S23	315	184.302	0.104	8.2	0.1344	0.0000	OK
600 minute summer	S24	315	184.147	0.130	15.7	0.1708	0.0000	OK
600 minute summer	S25	315	184.089	0.119	17.6	0.1644	0.0000	OK
600 minute summer	S26	315	185.404	0.027	1.7	0.0404	0.0000	OK
600 minute summer	FC1	330	188.559	0.309	0.6	0.3992	0.0000	SURCHARGED
600 minute summer	FC2	330	188.460	0.310	0.6	0.4005	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S16	32.015	J38	15.5	0.952	0.049	0.0389	
600 minute summer	S17	23.001	J20	2.0	0.661	0.333	0.0560	
600 minute summer	S18	23.006	J24	5.4	0.451	0.169	0.0729	
600 minute summer	S19	23.010	J27	8.1	0.573	0.271	0.3541	
600 minute summer	S20	48.001	J41	0.7	0.493	0.115	0.0064	
600 minute summer	S21	48.004	J43	2.8	0.477	0.213	0.0305	
600 minute summer	S22	48.008	J46	5.8	0.394	0.184	0.0359	
600 minute summer	S23	48.011	J48	8.2	0.468	0.266	0.0197	
600 minute summer	S24	48.018	J56	15.7	0.550	0.293	0.1210	
600 minute summer	S25	48.021	BASIN 4	17.6	0.755	0.330	0.0898	
600 minute summer	S26	65.001	J54	1.7	0.673	0.163	0.0217	
600 minute summer	FC1	2.000	J1	0.5	0.279	0.088	0.0106	
600 minute summer	FC1	Infiltration		0.0				0.0
600 minute summer	FC2	3.000	J2	0.5	0.463	0.091	0.0053	
600 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC3	330	188.678	0.478	0.8	0.6452	0.0000	SURCHARGED
600 minute summer	FC4	330	188.369	0.169	0.4	0.2118	0.0000	SURCHARGED
600 minute summer	FC5	330	188.310	0.310	0.6	0.4006	0.0000	SURCHARGED
600 minute summer	FC6	330	188.018	0.168	0.4	0.2104	0.0000	SURCHARGED
600 minute summer	FC7	330	187.920	0.170	0.4	0.2123	0.0000	SURCHARGED
600 minute summer	FC8	330	188.056	0.306	0.6	0.3951	0.0000	SURCHARGED
600 minute summer	FC9	330	187.641	0.171	0.4	0.2141	0.0000	SURCHARGED
600 minute summer	FC10	330	187.947	0.477	0.8	0.6446	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC3	4.000	J3	0.7	0.517	0.109	0.0124	
600 minute summer	FC3	Infiltration		0.0				0.0
600 minute summer	FC4	5.000	J4	0.4	0.499	0.053	0.0058	
600 minute summer	FC4	Infiltration		0.0				0.0
600 minute summer	FC5	6.000	J5	0.5	0.461	0.092	0.0049	
600 minute summer	FC5	Infiltration		0.0				0.0
600 minute summer	FC6	7.000	J6	0.4	0.555	0.046	0.0052	
600 minute summer	FC6	Infiltration		0.0				0.0
600 minute summer	FC7	8.000	J7	0.4	0.482	0.056	0.0060	
600 minute summer	FC7	Infiltration		0.0				0.0
600 minute summer	FC8	9.000	J8	0.5	0.647	0.057	0.0035	
600 minute summer	FC8	Infiltration		0.0				0.0
600 minute summer	FC9	10.000	J9	0.4	0.426	0.067	0.0067	
600 minute summer	FC9	Infiltration		0.0				0.0
600 minute summer	FC10	11.000	J10	0.7	0.537	0.103	0.0079	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC11	330	187.630	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC12	330	187.540	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC13	330	187.310	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC14	360	187.033	0.133	0.6	1.6970	0.0000	SURCHARGED
600 minute summer	FC15	330	187.365	0.165	0.4	0.2060	0.0000	SURCHARGED
600 minute summer	FC16	330	187.071	0.171	0.4	0.2135	0.0000	SURCHARGED
600 minute summer	FC17	330	187.166	0.166	0.4	0.2078	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC10	Infiltration		0.0				0.0
600 minute summer	FC11	12.000	J11	0.5	0.465	0.092	0.0091	
600 minute summer	FC11	Infiltration		0.0				0.0
600 minute summer	FC12	13.000	S2	0.5	0.465	0.092	0.0081	
600 minute summer	FC12	Infiltration		0.0				0.0
600 minute summer	FC13	14.000	J12	0.5	0.466	0.092	0.0080	
600 minute summer	FC13	Infiltration		0.0				0.0
600 minute summer	FC14	15.000	J13	0.3	0.409	0.058	0.0064	
600 minute summer	FC14	Infiltration		0.0				0.0
600 minute summer	FC15	16.000	J14	0.4	0.896	0.023	0.0021	
600 minute summer	FC15	Infiltration		0.0				0.0
600 minute summer	FC16	17.000	J15	0.4	0.444	0.063	0.0068	
600 minute summer	FC16	Infiltration		0.0				0.0
600 minute summer	FC17	18.000	J16	0.4	0.703	0.032	0.0027	
600 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC18	330	186.721	0.171	0.4	0.2142	0.0000	SURCHARGED
600 minute summer	FC19	330	186.710	0.310	0.6	0.4004	0.0000	SURCHARGED
600 minute summer	FC20	330	187.253	0.303	0.6	0.3906	0.0000	SURCHARGED
600 minute summer	FC21	330	186.610	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC22	345	186.550	0.099	0.4	0.9628	0.0000	OK
600 minute summer	FC23	330	186.466	0.166	0.4	0.2072	0.0000	SURCHARGED
600 minute summer	FC24	330	186.603	0.303	0.6	0.3917	0.0000	SURCHARGED
600 minute summer	FC25	330	186.853	0.303	0.6	0.3907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC18	19.000	J17	0.4	0.424	0.067	0.0065	
600 minute summer	FC18	Infiltration		0.0				0.0
600 minute summer	FC19	20.000	S3	0.5	0.463	0.092	0.0078	
600 minute summer	FC19	Infiltration		0.0				0.0
600 minute summer	FC20	21.000	J18	0.5	0.932	0.034	0.0025	
600 minute summer	FC20	Infiltration		0.0				0.0
600 minute summer	FC21	22.000	J19	0.5	0.465	0.092	0.0289	
600 minute summer	FC21	Infiltration		0.0				0.0
600 minute summer	FC22	23.000	S17	0.3	0.275	0.020	0.0195	
600 minute summer	FC22	Infiltration		0.0				0.0
600 minute summer	FC23	24.000	J20	0.4	0.744	0.030	0.0188	
600 minute summer	FC23	Infiltration		0.0				0.0
600 minute summer	FC24	25.000	J21	0.5	0.842	0.039	0.0194	
600 minute summer	FC24	Infiltration		0.0				0.0
600 minute summer	FC25	26.000	J22	0.5	0.925	0.034	0.0162	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC26	345	186.548	0.098	0.4	0.9852	0.0000	OK
600 minute summer	FC27	330	186.665	0.165	0.4	0.2060	0.0000	SURCHARGED
600 minute summer	FC28	330	186.803	0.303	0.6	0.3906	0.0000	SURCHARGED
600 minute summer	FC29	330	186.803	0.303	0.6	0.3909	0.0000	SURCHARGED
600 minute summer	FC30	330	187.053	0.303	0.6	0.3914	0.0000	SURCHARGED
600 minute summer	FC31	330	186.618	0.168	0.4	0.2098	0.0000	SURCHARGED
600 minute summer	FC32	330	186.616	0.166	0.4	0.2073	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC25	Infiltration		0.0				0.0
600 minute summer	FC26	27.000	J23	0.3	0.684	0.022	0.0159	
600 minute summer	FC26	Infiltration		0.0				0.0
600 minute summer	FC27	28.000	J24	0.4	1.039	0.018	0.0184	
600 minute summer	FC27	Infiltration		0.0				0.0
600 minute summer	FC28	29.000	J25	0.5	0.930	0.034	0.0174	
600 minute summer	FC28	Infiltration		0.0				0.0
600 minute summer	FC29	30.000	J26	0.5	0.905	0.035	0.0189	
600 minute summer	FC29	Infiltration		0.0				0.0
600 minute summer	FC30	31.000	J27	0.5	0.869	0.037	0.0028	
600 minute summer	FC30	Infiltration		0.0				0.0
600 minute summer	FC31	33.000	J28	0.4	0.259	0.044	0.0079	
600 minute summer	FC31	Infiltration		0.0				0.0
600 minute summer	FC32	34.000	J29	0.4	0.230	0.031	0.0087	
600 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC33	330	186.753	0.303	0.6	0.3913	0.0000	SURCHARGED
600 minute summer	FC34	330	186.760	0.310	0.6	0.4000	0.0000	SURCHARGED
600 minute summer	FC35	330	186.753	0.303	0.6	0.3915	0.0000	SURCHARGED
600 minute summer	FC36	330	186.753	0.303	0.6	0.3910	0.0000	SURCHARGED
600 minute summer	FC37	330	186.274	0.474	0.8	0.6409	0.0000	SURCHARGED
600 minute summer	FC38	345	185.541	0.091	0.4	1.0868	0.0000	OK
600 minute summer	FC39	330	185.615	0.165	0.4	0.2067	0.0000	SURCHARGED
600 minute summer	FC40	330	185.802	0.302	0.6	0.3894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC33	35.000	S12	0.5	0.854	0.038	0.0031	
600 minute summer	FC33	Infiltration		0.0				0.0
600 minute summer	FC34	36.000	J30	0.5	0.477	0.088	0.0054	
600 minute summer	FC34	Infiltration		0.0				0.0
600 minute summer	FC35	37.000	J31	0.5	0.860	0.038	0.0032	
600 minute summer	FC35	Infiltration		0.0				0.0
600 minute summer	FC36	38.000	J32	0.5	0.902	0.036	0.0030	
600 minute summer	FC36	Infiltration		0.0				0.0
600 minute summer	FC37	39.000	J33	0.7	0.658	0.077	0.0068	
600 minute summer	FC37	Infiltration		0.0				0.0
600 minute summer	FC38	40.000	J34	0.3	0.648	0.023	0.0021	
600 minute summer	FC38	Infiltration		0.0				0.0
600 minute summer	FC39	41.000	J35	0.4	0.789	0.027	0.0022	
600 minute summer	FC39	Infiltration		0.0				0.0
600 minute summer	FC40	42.000	J36	0.5	1.057	0.028	0.0026	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC41	330	185.155	0.305	0.6	0.3941	0.0000	SURCHARGED
600 minute summer	FC42	330	184.907	0.307	0.6	0.3961	0.0000	SURCHARGED
600 minute summer	FC43	330	184.905	0.305	0.6	0.3943	0.0000	SURCHARGED
600 minute summer	FC44	300	184.614	0.014	0.4	0.0170	0.0000	OK
600 minute summer	FC45	330	184.766	0.166	0.4	0.2074	0.0000	SURCHARGED
600 minute summer	FC46	330	185.178	0.478	0.8	0.6461	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	185.103	0.303	0.6	0.3913	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC40	Infiltration		0.0				0.0
600 minute summer	FC41	43.000	J37	0.5	0.693	0.052	0.0040	
600 minute summer	FC41	Infiltration		0.0				0.0
600 minute summer	FC42	44.000	J38	0.5	0.603	0.063	0.0045	
600 minute summer	FC42	Infiltration		0.0				0.0
600 minute summer	FC43	45.000	J39	0.5	0.685	0.053	0.0034	
600 minute summer	FC43	Infiltration		0.0				0.0
600 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
600 minute summer	FC44	Infiltration		0.0				0.0
600 minute summer	FC45	47.000	S10	0.4	0.734	0.030	0.0025	
600 minute summer	FC45	Infiltration		0.0				0.0
600 minute summer	FC46	48.000	S20	0.7	0.484	0.115	0.0085	
600 minute summer	FC46	Infiltration		0.0				0.0
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0036	
600 minute summer	FC48	50.000	J42	0.5	0.410	0.039	0.0070	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC49	330	185.110	0.310	0.6	0.4006	0.0000	SURCHARGED
600 minute summer	FC50	330	185.110	0.310	0.6	0.4005	0.0000	SURCHARGED
600 minute summer	FC51	330	185.160	0.310	0.6	0.4004	0.0000	SURCHARGED
600 minute summer	FC52	330	185.556	0.306	0.6	0.3945	0.0000	SURCHARGED
600 minute summer	FC53	330	185.556	0.306	0.6	0.3954	0.0000	SURCHARGED
600 minute summer	FC54	330	185.417	0.167	0.4	0.2088	0.0000	SURCHARGED
600 minute summer	FC55	330	185.415	0.165	0.4	0.2065	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC48	Infiltration		0.0				0.0
600 minute summer	FC49	51.000	S21	0.5	0.462	0.092	0.0051	
600 minute summer	FC49	Infiltration		0.0				0.0
600 minute summer	FC50	52.000	J43	0.5	0.462	0.092	0.0055	
600 minute summer	FC50	Infiltration		0.0				0.0
600 minute summer	FC51	55.000	S22	0.5	0.464	0.092	0.0072	
600 minute summer	FC51	Infiltration		0.0				0.0
600 minute summer	FC52	58.000	S23	0.5	0.674	0.054	0.0044	
600 minute summer	FC52	Infiltration		0.0				0.0
600 minute summer	FC53	61.000	J50	0.5	0.633	0.059	0.0037	
600 minute summer	FC53	Infiltration		0.0				0.0
600 minute summer	FC54	62.000	J51	0.4	0.641	0.037	0.0025	
600 minute summer	FC54	Infiltration		0.0				0.0
600 minute summer	FC55	64.000	J53	0.4	0.806	0.026	0.0020	
600 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC56	330	185.515	0.165	0.4	0.2062	0.0000	SURCHARGED
600 minute summer	FC57	330	185.515	0.165	0.4	0.2067	0.0000	SURCHARGED
600 minute summer	FC58	330	185.516	0.166	0.4	0.2071	0.0000	SURCHARGED
600 minute summer	FC59	330	185.516	0.166	0.4	0.2079	0.0000	SURCHARGED
600 minute summer	FC60	330	185.654	0.304	0.6	0.3929	0.0000	SURCHARGED
600 minute summer	FC61	330	185.607	0.307	0.6	0.3959	0.0000	SURCHARGED
600 minute summer	FC62	330	185.726	0.476	0.8	0.6425	0.0000	SURCHARGED
600 minute summer	FC63	330	185.571	0.171	0.4	0.2138	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC56	53.000	J44	0.4	0.831	0.026	0.0031	
600 minute summer	FC56	Infiltration		0.0				0.0
600 minute summer	FC57	54.000	J45	0.4	0.780	0.028	0.0033	
600 minute summer	FC57	Infiltration		0.0				0.0
600 minute summer	FC58	56.000	J46	0.4	0.750	0.030	0.0033	
600 minute summer	FC58	Infiltration		0.0				0.0
600 minute summer	FC59	57.000	J47	0.4	0.696	0.033	0.0036	
600 minute summer	FC59	Infiltration		0.0				0.0
600 minute summer	FC60	59.000	J48	0.5	0.757	0.046	0.0047	
600 minute summer	FC60	Infiltration		0.0				0.0
600 minute summer	FC61	60.000	J49	0.5	0.607	0.063	0.0066	
600 minute summer	FC61	Infiltration		0.0				0.0
600 minute summer	FC62	63.000	J52	0.7	0.597	0.089	0.0107	
600 minute summer	FC62	Infiltration		0.0				0.0
600 minute summer	FC63	65.000	S26	0.4	0.327	0.067	0.0032	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC64	330	185.326	0.176	0.4	0.2196	0.0000	SURCHARGED
600 minute summer	FC65	330	185.456	0.306	0.6	0.3944	0.0000	SURCHARGED
600 minute summer	FC66	330	185.309	0.309	0.6	0.3988	0.0000	SURCHARGED
600 minute summer	FC67	345	184.899	0.099	0.4	1.0196	0.0000	OK
600 minute summer	FC68	330	184.718	0.168	0.4	0.2106	0.0000	SURCHARGED
600 minute summer	J1	315	188.244	0.044	2.9	0.0650	0.0000	OK
600 minute summer	J2	315	188.119	0.063	3.5	0.0714	0.0000	OK
600 minute summer	J3	315	188.108	0.058	4.2	0.0653	0.0000	OK
600 minute summer	J4	315	188.080	0.041	4.5	0.0460	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC63	Infiltration		0.0				0.0
600 minute summer	FC64	66.000	J54	0.4	0.214	0.068	0.0052	
600 minute summer	FC64	Infiltration		0.0				0.0
600 minute summer	FC65	67.000	J55	0.5	0.304	0.056	0.0044	
600 minute summer	FC65	Infiltration		0.0				0.0
600 minute summer	FC66	68.000	S24	0.5	0.519	0.076	0.0022	
600 minute summer	FC66	Infiltration		0.0				0.0
600 minute summer	FC67	69.000	J56	0.3	0.380	0.049	0.0016	
600 minute summer	FC67	Infiltration		0.0				0.0
600 minute summer	FC68	70.000	J57	0.4	0.557	0.044	0.0016	
600 minute summer	FC68	Infiltration		0.0				0.0
600 minute summer	J1	1.001	J2	2.9	0.923	0.354	0.0160	
600 minute summer	J2	1.002	J3	3.5	0.524	0.259	0.0069	
600 minute summer	J3	1.003	J4	4.2	0.827	0.313	0.0098	
600 minute summer	J4	1.004	J5	4.5	1.257	0.133	0.0128	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J5	315	187.947	0.037	5.1	0.0419	0.0000	OK
600 minute summer	J6	315	187.703	0.053	5.5	0.0595	0.0000	OK
600 minute summer	J7	315	187.589	0.064	5.9	0.0725	0.0000	OK
600 minute summer	J8	315	187.562	0.041	6.5	0.0461	0.0000	OK
600 minute summer	J9	315	187.343	0.068	6.8	0.0771	0.0000	OK
600 minute summer	J10	315	187.310	0.040	7.5	0.0450	0.0000	OK
600 minute summer	J11	315	187.177	0.056	8.0	0.0632	0.0000	OK
600 minute summer	J12	315	186.879	0.070	11.8	0.0790	0.0000	OK
600 minute summer	J13	315	186.738	0.111	12.1	0.1256	0.0000	OK
600 minute summer	J14	315	186.726	0.104	12.5	0.1178	0.0000	OK
600 minute summer	J15	315	186.710	0.092	12.8	0.1046	0.0000	OK
600 minute summer	J16	315	186.676	0.071	13.2	0.0802	0.0000	OK
600 minute summer	J17	315	186.333	0.050	13.6	0.0566	0.0000	OK
600 minute summer	J18	480	186.309	0.184	16.7	0.2077	0.0000	OK
600 minute summer	J19	495	186.313	0.286	16.4	0.3235	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J5	1.005	J6	5.1	1.151	0.133	0.0252	
600 minute summer	J6	1.006	J7	5.5	1.108	0.192	0.0097	
600 minute summer	J7	1.007	J8	6.0	0.853	0.194	0.0080	
600 minute summer	J8	1.008	J9	6.4	0.865	0.072	0.0635	
600 minute summer	J9	1.009	J10	6.8	0.929	0.203	0.0089	
600 minute summer	J10	1.010	J11	7.5	1.211	0.058	0.0152	
600 minute summer	J11	1.011	S2	8.0	0.650	0.124	0.0671	
600 minute summer	J12	1.013	J13	11.8	1.198	0.176	0.0636	
600 minute summer	J13	1.014	J14	12.1	0.531	0.213	0.0431	
600 minute summer	J14	1.015	J15	12.5	0.621	0.221	0.0385	
600 minute summer	J15	1.016	J16	12.8	0.828	0.241	0.0798	
600 minute summer	J16	1.017	J17	13.2	1.151	0.093	0.0387	
600 minute summer	J17	1.018	S3	13.6	1.010	0.044	0.0422	
600 minute summer	J18	1.020	J19	15.9	0.888	0.055	0.0849	
600 minute summer	J19	1.021	S4	16.4	0.743	0.298	0.3056	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J20	510	186.310	0.279	2.4	0.3151	0.0000	SURCHARGED
600 minute summer	J21	510	186.309	0.300	2.9	0.3398	0.0000	SURCHARGED
600 minute summer	J22	510	186.310	0.347	3.4	0.3919	0.0000	SURCHARGED
600 minute summer	J23	510	186.310	0.367	3.7	0.4156	0.0000	SURCHARGED
600 minute summer	J24	510	186.309	0.492	5.8	0.5567	0.0000	SURCHARGED
600 minute summer	J25	510	186.309	0.513	6.3	0.5805	0.0000	SURCHARGED
600 minute summer	J26	510	186.309	0.530	6.8	0.5999	0.0000	SURCHARGED
600 minute summer	J27	510	186.310	0.574	8.7	0.6486	0.0000	SURCHARGED
600 minute summer	J28	315	186.397	0.041	2.0	0.0465	0.0000	OK
600 minute summer	J29	315	186.318	0.047	2.4	0.0533	0.0000	OK
600 minute summer	J30	315	186.217	0.069	5.1	0.0786	0.0000	OK
600 minute summer	J31	315	186.113	0.069	5.6	0.0783	0.0000	OK
600 minute summer	J32	315	186.077	0.066	6.1	0.0750	0.0000	OK
600 minute summer	J33	315	185.578	0.043	8.4	0.0488	0.0000	OK
600 minute summer	J34	315	185.208	0.083	10.5	0.0933	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J20	23.002	J21	2.4	0.486	0.175	0.0665	
600 minute summer	J21	23.003	J22	2.9	0.515	0.217	0.1411	
600 minute summer	J22	23.004	J23	3.4	0.558	0.254	0.0633	
600 minute summer	J23	23.005	S18	3.7	0.630	0.277	0.1321	
600 minute summer	J24	23.007	J25	5.8	0.464	0.192	0.2458	
600 minute summer	J25	23.008	J26	6.2	0.458	0.207	0.1975	
600 minute summer	J26	23.009	S19	6.7	0.466	0.218	0.1474	
600 minute summer	J27	23.011	S4	8.6	0.664	0.288	0.0951	
600 minute summer	J28	32.001	J29	2.0	0.597	0.336	0.0294	
600 minute summer	J29	32.002	S12	2.4	0.685	0.401	0.0162	
600 minute summer	J30	32.004	J31	5.1	0.669	0.381	0.0376	
600 minute summer	J31	32.005	J32	5.6	0.557	0.186	0.0979	
600 minute summer	J32	32.006	S13	6.1	0.816	0.204	0.0403	
600 minute summer	J33	32.008	S14	8.4	0.979	0.081	0.0795	
600 minute summer	J34	32.010	J35	10.5	1.029	0.271	0.0925	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J35	315	185.129	0.054	10.8	0.0612	0.0000	OK
600 minute summer	J36	315	184.963	0.088	11.4	0.0993	0.0000	OK
600 minute summer	J37	315	184.590	0.090	13.7	0.1021	0.0000	OK
600 minute summer	J38	315	184.419	0.119	16.1	0.1341	0.0000	OK
600 minute summer	J39	315	184.383	0.109	16.6	0.1229	0.0000	OK
600 minute summer	J40	315	184.355	0.090	17.0	0.1018	0.0000	OK
600 minute summer	J41	330	184.620	0.023	0.7	0.0259	0.0000	OK
600 minute summer	J42	330	184.569	0.032	1.2	0.0362	0.0000	OK
600 minute summer	J43	315	184.440	0.060	3.4	0.0683	0.0000	OK
600 minute summer	J44	315	184.427	0.057	3.8	0.0649	0.0000	OK
600 minute summer	J45	315	184.383	0.063	4.2	0.0713	0.0000	OK
600 minute summer	J46	315	184.313	0.091	6.2	0.1033	0.0000	OK
600 minute summer	J47	315	184.307	0.100	6.6	0.1135	0.0000	OK
600 minute summer	J48	315	184.294	0.100	8.7	0.1132	0.0000	OK
600 minute summer	J49	315	184.282	0.113	9.3	0.1274	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J35	32.011	J36	10.8	1.012	0.122	0.0744	
600 minute summer	J36	32.012	S15	11.4	0.994	0.380	0.0273	
600 minute summer	J37	32.014	S16	13.7	1.090	0.249	0.0666	
600 minute summer	J38	32.016	J39	16.1	0.657	0.297	0.2645	
600 minute summer	J39	32.017	J40	16.6	0.815	0.303	0.0745	
600 minute summer	J40	32.018	S10	17.0	1.011	0.171	0.1609	
600 minute summer	J41	48.002	J42	0.7	0.393	0.115	0.0109	
600 minute summer	J42	48.003	S21	1.2	0.584	0.209	0.0173	
600 minute summer	J43	48.005	J44	3.4	0.528	0.242	0.0103	
600 minute summer	J44	48.006	J45	3.8	0.570	0.282	0.0580	
600 minute summer	J45	48.007	S22	4.2	0.634	0.306	0.0156	
600 minute summer	J46	48.009	J47	6.2	0.383	0.200	0.0679	
600 minute summer	J47	48.010	S23	6.6	0.374	0.218	0.0463	
600 minute summer	J48	48.012	J49	8.7	0.473	0.292	0.1375	
600 minute summer	J49	48.013	J50	9.3	0.478	0.302	0.0220	

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J50	315	184.273	0.108	9.8	0.1223	0.0000	OK
600 minute summer	J51	315	184.260	0.112	10.2	0.1268	0.0000	OK
600 minute summer	J52	315	184.249	0.105	10.9	0.1185	0.0000	OK
600 minute summer	J53	315	184.226	0.099	11.2	0.1122	0.0000	OK
600 minute summer	J54	315	185.173	0.044	2.1	0.0501	0.0000	OK
600 minute summer	J55	315	185.136	0.042	2.6	0.0480	0.0000	OK
600 minute summer	J56	315	184.132	0.125	15.9	0.1416	0.0000	OK
600 minute summer	J57	315	184.110	0.125	16.3	0.1418	0.0000	OK
600 minute summer	BASIN 1	510	186.309	1.384	26.5	184.2205	0.0000	SURCHARGED
600 minute summer	BASIN 2	525	184.853	0.553	4.2	55.9549	0.0000	OK
600 minute summer	BASIN 3	840	183.406	0.306	21.6	314.7539	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J50	48.014	J51	9.8	0.508	0.328	0.0979	
600 minute summer	J51	48.015	J52	10.2	0.538	0.332	0.0215	
600 minute summer	J52	48.016	J53	10.8	0.621	0.356	0.0852	
600 minute summer	J53	48.017	S24	11.2	0.726	0.372	0.1587	
600 minute summer	J54	65.002	J55	2.1	0.640	0.351	0.0118	
600 minute summer	J55	65.003	S24	2.6	0.854	0.344	0.0241	
600 minute summer	J56	48.019	J57	15.9	0.572	0.294	0.2530	
600 minute summer	J57	48.020	S25	16.3	0.606	0.299	0.1646	
600 minute summer	BASIN 1	1.023	S5	4.1	0.078	0.049	0.9418	
600 minute summer	BASIN 1	Infiltration		0.1				4.9
600 minute summer	BASIN 2	1.027	S7	4.1	0.587	0.049	0.1551	
600 minute summer	BASIN 2	71.000	BH1	1.1	0.536	0.179	0.1829	
600 minute summer	BASIN 2	Infiltration		0.0				0.0
600 minute summer	BASIN 3	1.034	BH2	1.7	0.404	0.014	1.3643	
600 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	BASIN 4	630	183.989	0.659	19.6	200.3035	0.0000	SURCHARGED
600 minute summer	SWALE 1	420	184.931	0.057	4.1	0.0813	0.0000	OK
600 minute summer	SWALE 2	525	184.431	0.056	4.1	0.0801	0.0000	OK
600 minute summer	SWALE 3	315	184.095	0.100	19.2	0.1437	0.0000	OK
600 minute summer	BH1	525	184.852	0.775	1.1	3.0504	0.0000	OK
600 minute summer	BH2	840	183.406	0.323	1.7	3.2110	0.0000	OK
600 minute summer	BH3	630	183.989	0.670	0.7	4.7323	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	BASIN 4	48.022	BH3	0.7	0.366	0.012	0.3211	
600 minute summer	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	4.1	0.397	0.049	0.3964	
600 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1909	
600 minute summer	SWALE 3	1.033	BASIN 3	19.1	0.824	0.153	1.0040	
600 minute summer	BH1	Infiltration		0.1				4.2
600 minute summer	BH2	Infiltration		0.2				4.3
600 minute summer	BH3	Infiltration		0.2				8.2

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	300	188.391	0.020	0.8	0.0302	0.0000	OK
600 minute winter	S2	315	187.123	0.084	7.9	0.1452	0.0000	OK
600 minute winter	S3	570	186.309	0.171	10.9	0.2279	0.0000	OK
600 minute winter	S4	555	186.306	0.928	18.5	1.1892	0.0000	SURCHARGED
600 minute winter	S5	570	186.306	1.396	4.1	1.9982	0.0000	SURCHARGED
600 minute winter	S6	570	184.866	0.058	4.1	0.0831	0.0000	OK
600 minute winter	S7	570	184.789	0.030	4.1	0.0433	0.0000	OK
600 minute winter	S8	570	184.363	0.032	4.1	0.0465	0.0000	OK
600 minute winter	S9	480	184.178	0.053	4.1	0.0763	0.0000	OK
600 minute winter	S10	315	184.169	0.056	13.4	0.1027	0.0000	OK
600 minute winter	S11	315	186.431	0.031	1.1	0.0481	0.0000	OK
600 minute winter	S12	315	186.230	0.054	3.2	0.0805	0.0000	OK
600 minute winter	S13	315	186.030	0.037	5.5	0.0552	0.0000	OK
600 minute winter	S14	315	185.239	0.064	7.1	0.1001	0.0000	OK
600 minute winter	S15	315	184.918	0.051	9.3	0.0796	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S1	1.000	J1	0.8	0.455	0.092	0.0149	
600 minute winter	S2	1.012	J12	7.9	0.647	0.265	0.0183	
600 minute winter	S3	1.019	J18	10.9	0.987	0.205	0.2192	
600 minute winter	S4	1.022	BASIN 1	18.4	0.942	0.110	1.1778	
600 minute winter	S5	1.024	SWALE 1	4.1	0.391	0.049	0.2107	
600 minute winter	S6	1.026	BASIN 2	4.1	0.473	0.047	0.0600	
600 minute winter	S7	1.028	SWALE 2	4.1	0.582	0.013	0.1203	
600 minute winter	S8	1.030	S9	4.1	0.609	0.016	0.0847	
600 minute winter	S9	1.031	S10	4.1	0.642	0.049	0.0591	
600 minute winter	S10	1.032	SWALE 3	13.4	0.947	0.041	0.0624	
600 minute winter	S11	32.000	J28	1.1	0.507	0.185	0.0098	
600 minute winter	S12	32.003	J30	3.2	0.537	0.239	0.0302	
600 minute winter	S13	32.007	J33	5.5	1.301	0.056	0.0546	
600 minute winter	S14	32.009	J34	7.1	0.733	0.141	0.0511	
600 minute winter	S15	32.013	J37	9.3	1.443	0.100	0.0599	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.527	0.040	10.9	0.0610	0.0000	OK
600 minute winter	S17	555	186.308	0.157	1.3	0.2505	0.0000	SURCHARGED
600 minute winter	S18	555	186.307	0.483	3.8	0.7138	0.0000	SURCHARGED
600 minute winter	S19	555	186.307	0.541	6.6	0.7791	0.0000	SURCHARGED
600 minute winter	S20	345	184.662	0.020	0.5	0.0228	0.0000	OK
600 minute winter	S21	330	184.451	0.042	2.0	0.0551	0.0000	OK
600 minute winter	S22	330	184.300	0.068	4.1	0.0887	0.0000	OK
600 minute winter	S23	330	184.281	0.083	5.8	0.1072	0.0000	OK
600 minute winter	S24	330	184.124	0.107	11.2	0.1407	0.0000	OK
600 minute winter	S25	330	184.070	0.100	12.7	0.1384	0.0000	OK
600 minute winter	S26	330	185.400	0.023	1.2	0.0340	0.0000	OK
600 minute winter	FC1	330	188.421	0.171	0.4	0.2204	0.0000	SURCHARGED
600 minute winter	FC2	330	188.322	0.172	0.4	0.2214	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S16	32.015	J38	10.8	0.891	0.034	0.0294	
600 minute winter	S17	23.001	J20	1.3	0.599	0.228	0.0560	
600 minute winter	S18	23.006	J24	3.7	0.424	0.117	0.0729	
600 minute winter	S19	23.010	J27	5.8	0.526	0.195	0.3541	
600 minute winter	S20	48.001	J41	0.5	0.452	0.084	0.0051	
600 minute winter	S21	48.004	J43	2.0	0.443	0.149	0.0229	
600 minute winter	S22	48.008	J46	4.1	0.390	0.130	0.0254	
600 minute winter	S23	48.011	J48	5.8	0.448	0.187	0.0145	
600 minute winter	S24	48.018	J56	11.2	0.510	0.210	0.0935	
600 minute winter	S25	48.021	BASIN 4	12.7	0.688	0.238	0.0710	
600 minute winter	S26	65.001	J54	1.2	0.613	0.116	0.0169	
600 minute winter	FC1	2.000	J1	0.4	0.242	0.064	0.0080	
600 minute winter	FC1	Infiltration		0.0				0.0
600 minute winter	FC2	3.000	J2	0.4	0.423	0.067	0.0042	
600 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC3	345	188.462	0.262	0.5	0.3538	0.0000	SURCHARGED
600 minute winter	FC4	345	188.302	0.102	0.3	0.1276	0.0000	SURCHARGED
600 minute winter	FC5	330	188.172	0.172	0.4	0.2215	0.0000	SURCHARGED
600 minute winter	FC6	345	187.951	0.101	0.3	0.1264	0.0000	SURCHARGED
600 minute winter	FC7	345	187.852	0.102	0.3	0.1280	0.0000	SURCHARGED
600 minute winter	FC8	330	187.918	0.168	0.4	0.2167	0.0000	SURCHARGED
600 minute winter	FC9	345	187.574	0.104	0.3	0.1296	0.0000	SURCHARGED
600 minute winter	FC10	345	187.731	0.261	0.5	0.3532	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC3	4.000	J3	0.5	0.472	0.080	0.0099	
600 minute winter	FC3	Infiltration		0.0				0.0
600 minute winter	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
600 minute winter	FC4	Infiltration		0.0				0.0
600 minute winter	FC5	6.000	J5	0.4	0.421	0.067	0.0039	
600 minute winter	FC5	Infiltration		0.0				0.0
600 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
600 minute winter	FC6	Infiltration		0.0				0.0
600 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
600 minute winter	FC7	Infiltration		0.0				0.0
600 minute winter	FC8	9.000	J8	0.4	0.590	0.041	0.0028	
600 minute winter	FC8	Infiltration		0.0				0.0
600 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
600 minute winter	FC9	Infiltration		0.0				0.0
600 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC11	330	187.491	0.171	0.4	0.2213	0.0000	SURCHARGED
600 minute winter	FC12	330	187.401	0.171	0.4	0.2213	0.0000	SURCHARGED
600 minute winter	FC13	330	187.171	0.171	0.4	0.2212	0.0000	SURCHARGED
600 minute winter	FC14	375	187.000	0.100	0.4	1.2730	0.0000	OK
600 minute winter	FC15	345	187.299	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC16	345	187.003	0.103	0.3	0.1290	0.0000	SURCHARGED
600 minute winter	FC17	345	187.099	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC10	Infiltration		0.0				0.0
600 minute winter	FC11	12.000	J11	0.4	0.424	0.067	0.0072	
600 minute winter	FC11	Infiltration		0.0				0.0
600 minute winter	FC12	13.000	S2	0.4	0.424	0.067	0.0064	
600 minute winter	FC12	Infiltration		0.0				0.0
600 minute winter	FC13	14.000	J12	0.4	0.425	0.067	0.0064	
600 minute winter	FC13	Infiltration		0.0				0.0
600 minute winter	FC14	15.000	J13	0.3	0.391	0.050	0.0057	
600 minute winter	FC14	Infiltration		0.0				0.0
600 minute winter	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
600 minute winter	FC15	Infiltration		0.0				0.0
600 minute winter	FC16	17.000	J15	0.3	0.410	0.047	0.0056	
600 minute winter	FC16	Infiltration		0.0				0.0
600 minute winter	FC17	18.000	J16	0.3	0.648	0.024	0.0022	
600 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC18	345	186.654	0.104	0.3	0.1297	0.0000	SURCHARGED
600 minute winter	FC19	330	186.571	0.171	0.4	0.2213	0.0000	SURCHARGED
600 minute winter	FC20	330	187.115	0.165	0.4	0.2129	0.0000	SURCHARGED
600 minute winter	FC21	330	186.471	0.171	0.4	0.2213	0.0000	SURCHARGED
600 minute winter	FC22	345	186.527	0.076	0.3	0.7405	0.0000	OK
600 minute winter	FC23	345	186.399	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC24	330	186.466	0.166	0.4	0.2137	0.0000	SURCHARGED
600 minute winter	FC25	330	186.715	0.165	0.4	0.2129	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
600 minute winter	FC18	Infiltration		0.0				0.0
600 minute winter	FC19	20.000	S3	0.4	0.423	0.067	0.0062	
600 minute winter	FC19	Infiltration		0.0				0.0
600 minute winter	FC20	21.000	J18	0.4	0.849	0.025	0.0020	
600 minute winter	FC20	Infiltration		0.0				0.0
600 minute winter	FC21	22.000	J19	0.4	0.424	0.067	0.0277	
600 minute winter	FC21	Infiltration		0.0				0.0
600 minute winter	FC22	23.000	S17	0.3	0.245	0.017	0.0194	
600 minute winter	FC22	Infiltration		0.0				0.0
600 minute winter	FC23	24.000	J20	0.3	0.686	0.023	0.0187	
600 minute winter	FC23	Infiltration		0.0				0.0
600 minute winter	FC24	25.000	J21	0.4	0.767	0.029	0.0191	
600 minute winter	FC24	Infiltration		0.0				0.0
600 minute winter	FC25	26.000	J22	0.4	0.842	0.025	0.0158	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC26	345	186.526	0.076	0.3	0.7608	0.0000	OK
600 minute winter	FC27	345	186.599	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC28	330	186.665	0.165	0.4	0.2129	0.0000	SURCHARGED
600 minute winter	FC29	330	186.665	0.165	0.4	0.2131	0.0000	SURCHARGED
600 minute winter	FC30	330	186.915	0.165	0.4	0.2134	0.0000	SURCHARGED
600 minute winter	FC31	345	186.551	0.101	0.3	0.1259	0.0000	SURCHARGED
600 minute winter	FC32	345	186.549	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC25	Infiltration		0.0				0.0
600 minute winter	FC26	27.000	J23	0.3	0.654	0.019	0.0154	
600 minute winter	FC26	Infiltration		0.0				0.0
600 minute winter	FC27	28.000	J24	0.3	0.961	0.014	0.0182	
600 minute winter	FC27	Infiltration		0.0				0.0
600 minute winter	FC28	29.000	J25	0.4	0.847	0.025	0.0174	
600 minute winter	FC28	Infiltration		0.0				0.0
600 minute winter	FC29	30.000	J26	0.4	0.824	0.026	0.0189	
600 minute winter	FC29	Infiltration		0.0				0.0
600 minute winter	FC30	31.000	J27	0.4	0.791	0.027	0.0022	
600 minute winter	FC30	Infiltration		0.0				0.0
600 minute winter	FC31	33.000	J28	0.3	0.229	0.033	0.0061	
600 minute winter	FC31	Infiltration		0.0				0.0
600 minute winter	FC32	34.000	J29	0.3	0.207	0.024	0.0068	
600 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC33	330	186.616	0.165	0.4	0.2136	0.0000	SURCHARGED
600 minute winter	FC34	330	186.621	0.171	0.4	0.2209	0.0000	SURCHARGED
600 minute winter	FC35	330	186.615	0.165	0.4	0.2135	0.0000	SURCHARGED
600 minute winter	FC36	330	186.615	0.165	0.4	0.2131	0.0000	SURCHARGED
600 minute winter	FC37	345	186.059	0.259	0.5	0.3498	0.0000	SURCHARGED
600 minute winter	FC38	360	185.521	0.071	0.3	0.8551	0.0000	OK
600 minute winter	FC39	345	185.549	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC40	330	185.665	0.165	0.4	0.2128	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC33	35.000	S12	0.4	0.777	0.028	0.0021	
600 minute winter	FC33	Infiltration		0.0				0.0
600 minute winter	FC34	36.000	J30	0.4	0.435	0.064	0.0043	
600 minute winter	FC34	Infiltration		0.0				0.0
600 minute winter	FC35	37.000	J31	0.4	0.782	0.028	0.0026	
600 minute winter	FC35	Infiltration		0.0				0.0
600 minute winter	FC36	38.000	J32	0.4	0.820	0.026	0.0024	
600 minute winter	FC36	Infiltration		0.0				0.0
600 minute winter	FC37	39.000	J33	0.5	0.601	0.056	0.0054	
600 minute winter	FC37	Infiltration		0.0				0.0
600 minute winter	FC38	40.000	J34	0.2	0.622	0.020	0.0019	
600 minute winter	FC38	Infiltration		0.0				0.0
600 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
600 minute winter	FC39	Infiltration		0.0				0.0
600 minute winter	FC40	42.000	J36	0.4	0.963	0.021	0.0021	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC41	330	185.017	0.167	0.4	0.2158	0.0000	SURCHARGED
600 minute winter	FC42	330	184.769	0.169	0.4	0.2176	0.0000	SURCHARGED
600 minute winter	FC43	330	184.767	0.167	0.4	0.2160	0.0000	SURCHARGED
600 minute winter	FC44	285	184.612	0.012	0.3	0.0148	0.0000	OK
600 minute winter	FC45	345	184.699	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC46	345	184.962	0.262	0.5	0.3546	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	330	184.965	0.165	0.4	0.2134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC40	Infiltration		0.0				0.0
600 minute winter	FC41	43.000	J37	0.4	0.632	0.038	0.0032	
600 minute winter	FC41	Infiltration		0.0				0.0
600 minute winter	FC42	44.000	J38	0.4	0.551	0.046	0.0036	
600 minute winter	FC42	Infiltration		0.0				0.0
600 minute winter	FC43	45.000	J39	0.4	0.625	0.038	0.0027	
600 minute winter	FC43	Infiltration		0.0				0.0
600 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
600 minute winter	FC44	Infiltration		0.0				0.0
600 minute winter	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
600 minute winter	FC45	Infiltration		0.0				0.0
600 minute winter	FC46	48.000	S20	0.5	0.445	0.084	0.0067	
600 minute winter	FC46	Infiltration		0.0				0.0
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0029	
600 minute winter	FC48	50.000	J42	0.4	0.375	0.028	0.0055	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC49	330	184.972	0.172	0.4	0.2215	0.0000	SURCHARGED
600 minute winter	FC50	330	184.972	0.172	0.4	0.2214	0.0000	SURCHARGED
600 minute winter	FC51	330	185.021	0.171	0.4	0.2213	0.0000	SURCHARGED
600 minute winter	FC52	330	185.417	0.167	0.4	0.2162	0.0000	SURCHARGED
600 minute winter	FC53	330	185.418	0.168	0.4	0.2169	0.0000	SURCHARGED
600 minute winter	FC54	345	185.350	0.100	0.3	0.1249	0.0000	OK
600 minute winter	FC55	345	185.349	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC48	Infiltration		0.0				0.0
600 minute winter	FC49	51.000	S21	0.4	0.422	0.067	0.0041	
600 minute winter	FC49	Infiltration		0.0				0.0
600 minute winter	FC50	52.000	J43	0.4	0.422	0.067	0.0044	
600 minute winter	FC50	Infiltration		0.0				0.0
600 minute winter	FC51	55.000	S22	0.4	0.423	0.067	0.0057	
600 minute winter	FC51	Infiltration		0.0				0.0
600 minute winter	FC52	58.000	S23	0.4	0.614	0.039	0.0035	
600 minute winter	FC52	Infiltration		0.0				0.0
600 minute winter	FC53	61.000	J50	0.4	0.578	0.043	0.0029	
600 minute winter	FC53	Infiltration		0.0				0.0
600 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
600 minute winter	FC54	Infiltration		0.0				0.0
600 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
600 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC56	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC57	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC58	345	185.449	0.099	0.3	0.1240	0.0000	OK
600 minute winter	FC59	345	185.449	0.099	0.3	0.1241	0.0000	OK
600 minute winter	FC60	330	185.516	0.166	0.4	0.2148	0.0000	SURCHARGED
600 minute winter	FC61	330	185.468	0.168	0.4	0.2174	0.0000	SURCHARGED
600 minute winter	FC62	345	185.510	0.260	0.5	0.3513	0.0000	SURCHARGED
600 minute winter	FC63	345	185.503	0.103	0.3	0.1294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
600 minute winter	FC56	Infiltration		0.0				0.0
600 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
600 minute winter	FC57	Infiltration		0.0				0.0
600 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
600 minute winter	FC58	Infiltration		0.0				0.0
600 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
600 minute winter	FC59	Infiltration		0.0				0.0
600 minute winter	FC60	59.000	J48	0.4	0.689	0.033	0.0038	
600 minute winter	FC60	Infiltration		0.0				0.0
600 minute winter	FC61	60.000	J49	0.4	0.554	0.046	0.0053	
600 minute winter	FC61	Infiltration		0.0				0.0
600 minute winter	FC62	63.000	J52	0.5	0.545	0.065	0.0086	
600 minute winter	FC62	Infiltration		0.0				0.0
600 minute winter	FC63	65.000	S26	0.3	0.297	0.051	0.0025	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC64	345	185.253	0.103	0.3	0.1294	0.0000	SURCHARGED
600 minute winter	FC65	330	185.317	0.167	0.4	0.2162	0.0000	SURCHARGED
600 minute winter	FC66	330	185.170	0.170	0.4	0.2199	0.0000	SURCHARGED
600 minute winter	FC67	345	184.877	0.077	0.3	0.7916	0.0000	OK
600 minute winter	FC68	345	184.651	0.101	0.3	0.1265	0.0000	SURCHARGED
600 minute winter	J1	330	188.235	0.035	2.0	0.0521	0.0000	OK
600 minute winter	J2	330	188.107	0.051	2.4	0.0581	0.0000	OK
600 minute winter	J3	330	188.098	0.048	2.9	0.0541	0.0000	OK
600 minute winter	J4	330	188.073	0.034	3.2	0.0379	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC63	Infiltration		0.0				0.0
600 minute winter	FC64	66.000	J54	0.3	0.192	0.051	0.0037	
600 minute winter	FC64	Infiltration		0.0				0.0
600 minute winter	FC65	67.000	J55	0.4	0.265	0.041	0.0034	
600 minute winter	FC65	Infiltration		0.0				0.0
600 minute winter	FC66	68.000	S24	0.4	0.475	0.055	0.0018	
600 minute winter	FC66	Infiltration		0.0				0.0
600 minute winter	FC67	69.000	J56	0.3	0.364	0.043	0.0015	
600 minute winter	FC67	Infiltration		0.0				0.0
600 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
600 minute winter	FC68	Infiltration		0.0				0.0
600 minute winter	J1	1.001	J2	2.0	0.837	0.241	0.0120	
600 minute winter	J2	1.002	J3	2.4	0.471	0.178	0.0053	
600 minute winter	J3	1.003	J4	2.9	0.750	0.217	0.0076	
600 minute winter	J4	1.004	J5	3.2	1.147	0.093	0.0098	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J5	330	187.941	0.031	3.6	0.0351	0.0000	OK
600 minute winter	J6	330	187.693	0.043	3.9	0.0488	0.0000	OK
600 minute winter	J7	330	187.579	0.054	4.2	0.0612	0.0000	OK
600 minute winter	J8	330	187.556	0.035	4.7	0.0391	0.0000	OK
600 minute winter	J9	330	187.333	0.058	4.9	0.0652	0.0000	OK
600 minute winter	J10	330	187.303	0.033	5.4	0.0374	0.0000	OK
600 minute winter	J11	330	187.167	0.046	5.8	0.0524	0.0000	OK
600 minute winter	J12	315	186.867	0.058	8.3	0.0652	0.0000	OK
600 minute winter	J13	315	186.720	0.093	8.6	0.1047	0.0000	OK
600 minute winter	J14	315	186.709	0.087	8.9	0.0988	0.0000	OK
600 minute winter	J15	315	186.695	0.078	9.2	0.0883	0.0000	OK
600 minute winter	J16	315	186.664	0.059	9.5	0.0668	0.0000	OK
600 minute winter	J17	315	186.323	0.040	9.8	0.0455	0.0000	OK
600 minute winter	J18	555	186.305	0.180	11.7	0.2037	0.0000	OK
600 minute winter	J19	570	186.309	0.282	11.7	0.3192	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J5	1.005	J6	3.6	1.058	0.094	0.0193	
600 minute winter	J6	1.006	J7	3.9	1.020	0.136	0.0075	
600 minute winter	J7	1.007	J8	4.3	0.780	0.140	0.0063	
600 minute winter	J8	1.008	J9	4.6	0.784	0.051	0.0502	
600 minute winter	J9	1.009	J10	4.9	0.856	0.146	0.0070	
600 minute winter	J10	1.010	J11	5.4	1.145	0.042	0.0116	
600 minute winter	J11	1.011	S2	5.8	0.608	0.090	0.0518	
600 minute winter	J12	1.013	J13	8.3	1.095	0.124	0.0491	
600 minute winter	J13	1.014	J14	8.6	0.483	0.151	0.0336	
600 minute winter	J14	1.015	J15	8.9	0.562	0.157	0.0303	
600 minute winter	J15	1.016	J16	9.2	0.757	0.172	0.0623	
600 minute winter	J16	1.017	J17	9.5	1.056	0.066	0.0301	
600 minute winter	J17	1.018	S3	9.8	0.947	0.031	0.0414	
600 minute winter	J18	1.020	J19	11.3	0.839	0.040	0.0840	
600 minute winter	J19	1.021	S4	11.7	0.675	0.213	0.3042	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	555	186.307	0.276	1.6	0.3125	0.0000	SURCHARGED
600 minute winter	J21	555	186.307	0.298	2.0	0.3373	0.0000	SURCHARGED
600 minute winter	J22	555	186.307	0.344	2.4	0.3892	0.0000	SURCHARGED
600 minute winter	J23	555	186.307	0.365	2.7	0.4130	0.0000	SURCHARGED
600 minute winter	J24	555	186.307	0.490	4.0	0.5541	0.0000	SURCHARGED
600 minute winter	J25	570	186.307	0.511	4.4	0.5781	0.0000	SURCHARGED
600 minute winter	J26	555	186.307	0.528	4.7	0.5971	0.0000	SURCHARGED
600 minute winter	J27	570	186.308	0.572	7.9	0.6473	0.0000	SURCHARGED
600 minute winter	J28	315	186.390	0.034	1.4	0.0381	0.0000	OK
600 minute winter	J29	315	186.310	0.039	1.7	0.0439	0.0000	OK
600 minute winter	J30	315	186.204	0.057	3.6	0.0643	0.0000	OK
600 minute winter	J31	315	186.102	0.058	4.0	0.0652	0.0000	OK
600 minute winter	J32	315	186.067	0.056	4.4	0.0634	0.0000	OK
600 minute winter	J33	315	185.571	0.036	5.9	0.0412	0.0000	OK
600 minute winter	J34	315	185.194	0.069	7.4	0.0780	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	1.6	0.451	0.122	0.0665	
600 minute winter	J21	23.003	J22	2.0	0.475	0.153	0.1411	
600 minute winter	J22	23.004	J23	2.4	0.510	0.180	0.0633	
600 minute winter	J23	23.005	S18	2.7	0.579	0.201	0.1321	
600 minute winter	J24	23.007	J25	4.0	0.439	0.134	0.2458	
600 minute winter	J25	23.008	J26	4.4	0.435	0.144	0.1975	
600 minute winter	J26	23.009	S19	6.0	0.443	0.198	0.1474	
600 minute winter	J27	23.011	S4	6.2	0.607	0.208	0.0951	
600 minute winter	J28	32.001	J29	1.4	0.547	0.236	0.0226	
600 minute winter	J29	32.002	S12	1.7	0.630	0.286	0.0126	
600 minute winter	J30	32.004	J31	3.6	0.613	0.270	0.0291	
600 minute winter	J31	32.005	J32	4.0	0.505	0.132	0.0766	
600 minute winter	J32	32.006	S13	4.4	0.738	0.145	0.0316	
600 minute winter	J33	32.008	S14	5.9	0.908	0.057	0.0606	
600 minute winter	J34	32.010	J35	7.4	0.941	0.191	0.0715	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J35	315	185.120	0.044	7.7	0.0503	0.0000	OK
600 minute winter	J36	315	184.949	0.073	8.1	0.0831	0.0000	OK
600 minute winter	J37	315	184.576	0.076	9.7	0.0861	0.0000	OK
600 minute winter	J38	315	184.398	0.098	11.2	0.1105	0.0000	OK
600 minute winter	J39	315	184.364	0.090	11.6	0.1019	0.0000	OK
600 minute winter	J40	315	184.339	0.074	11.9	0.0842	0.0000	OK
600 minute winter	J41	345	184.617	0.020	0.5	0.0221	0.0000	OK
600 minute winter	J42	330	184.564	0.027	0.9	0.0305	0.0000	OK
600 minute winter	J43	330	184.429	0.049	2.4	0.0557	0.0000	OK
600 minute winter	J44	330	184.417	0.047	2.7	0.0535	0.0000	OK
600 minute winter	J45	330	184.372	0.052	3.0	0.0592	0.0000	OK
600 minute winter	J46	330	184.293	0.071	4.4	0.0801	0.0000	OK
600 minute winter	J47	330	184.286	0.079	4.7	0.0897	0.0000	OK
600 minute winter	J48	330	184.273	0.079	6.2	0.0896	0.0000	OK
600 minute winter	J49	330	184.260	0.091	6.6	0.1030	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J35	32.011	J36	7.7	0.927	0.086	0.0577	
600 minute winter	J36	32.012	S15	8.1	0.907	0.269	0.0212	
600 minute winter	J37	32.014	S16	9.7	1.011	0.175	0.0508	
600 minute winter	J38	32.016	J39	11.2	0.597	0.208	0.2037	
600 minute winter	J39	32.017	J40	11.6	0.742	0.213	0.0574	
600 minute winter	J40	32.018	S10	11.9	0.920	0.120	0.1241	
600 minute winter	J41	48.002	J42	0.5	0.366	0.084	0.0086	
600 minute winter	J42	48.003	S21	0.9	0.534	0.151	0.0136	
600 minute winter	J43	48.005	J44	2.4	0.487	0.171	0.0079	
600 minute winter	J44	48.006	J45	2.7	0.525	0.201	0.0449	
600 minute winter	J45	48.007	S22	3.0	0.581	0.220	0.0122	
600 minute winter	J46	48.009	J47	4.4	0.378	0.142	0.0488	
600 minute winter	J47	48.010	S23	4.7	0.362	0.155	0.0341	
600 minute winter	J48	48.012	J49	6.2	0.448	0.206	0.1025	
600 minute winter	J49	48.013	J50	6.6	0.448	0.214	0.0166	

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J50	330	184.252	0.087	7.0	0.0988	0.0000	OK
600 minute winter	J51	330	184.240	0.092	7.3	0.1042	0.0000	OK
600 minute winter	J52	330	184.230	0.086	7.7	0.0976	0.0000	OK
600 minute winter	J53	330	184.210	0.083	8.0	0.0934	0.0000	OK
600 minute winter	J54	330	185.166	0.037	1.5	0.0415	0.0000	OK
600 minute winter	J55	330	185.129	0.035	1.9	0.0400	0.0000	OK
600 minute winter	J56	330	184.110	0.103	11.5	0.1170	0.0000	OK
600 minute winter	J57	330	184.090	0.105	11.8	0.1183	0.0000	OK
600 minute winter	BASIN 1	570	186.306	1.381	18.9	183.8011	0.0000	SURCHARGED
600 minute winter	BASIN 2	570	184.853	0.552	4.2	55.9537	0.0000	OK
600 minute winter	BASIN 3	840	183.399	0.299	15.1	311.7308	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J50	48.014	J51	7.0	0.471	0.233	0.0749	
600 minute winter	J51	48.015	J52	7.3	0.496	0.237	0.0166	
600 minute winter	J52	48.016	J53	7.7	0.570	0.254	0.0663	
600 minute winter	J53	48.017	S24	8.0	0.662	0.267	0.1247	
600 minute winter	J54	65.002	J55	1.5	0.594	0.253	0.0092	
600 minute winter	J55	65.003	S24	1.9	0.786	0.249	0.0190	
600 minute winter	J56	48.019	J57	11.5	0.530	0.212	0.1970	
600 minute winter	J57	48.020	S25	11.8	0.556	0.216	0.1296	
600 minute winter	BASIN 1	1.023	S5	4.1	0.148	0.049	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.8
600 minute winter	BASIN 2	1.027	S7	4.1	0.587	0.049	0.1551	
600 minute winter	BASIN 2	71.000	BH1	0.9	0.517	0.151	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
600 minute winter	BASIN 3	1.034	BH2	2.2	0.429	0.018	1.3304	
600 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	BASIN 4	615	183.992	0.662	14.0	201.1626	0.0000	SURCHARGED
600 minute winter	SWALE 1	420	184.931	0.056	4.1	0.0808	0.0000	OK
600 minute winter	SWALE 2	570	184.431	0.056	4.1	0.0801	0.0000	OK
600 minute winter	SWALE 3	315	184.079	0.084	13.4	0.1197	0.0000	OK
600 minute winter	BH1	570	184.852	0.775	0.9	3.0504	0.0000	OK
600 minute winter	BH2	840	183.399	0.316	2.2	3.1757	0.0000	OK
600 minute winter	BH3	615	183.992	0.673	1.1	4.7444	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	BASIN 4	48.022	BH3	1.1	0.424	0.020	0.3211	
600 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute winter	SWALE 1	1.025	S6	4.1	0.395	0.049	0.3962	
600 minute winter	SWALE 2	1.029	S8	4.1	0.560	0.049	0.1909	
600 minute winter	SWALE 3	1.033	BASIN 3	13.4	0.746	0.107	0.7771	
600 minute winter	BH1	Infiltration		0.1				4.2
600 minute winter	BH2	Infiltration		0.2				4.2
600 minute winter	BH3	Infiltration		0.2				8.2

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.394	0.024	1.1	0.0353	0.0000	OK
720 minute summer	S2	375	187.135	0.096	10.1	0.1655	0.0000	OK
720 minute summer	S3	585	186.304	0.167	13.9	0.2216	0.0000	OK
720 minute summer	S4	585	186.302	0.924	23.1	1.1847	0.0000	SURCHARGED
720 minute summer	S5	585	186.302	1.392	4.1	1.9923	0.0000	SURCHARGED
720 minute summer	S6	585	184.866	0.058	4.1	0.0831	0.0000	OK
720 minute summer	S7	585	184.789	0.030	4.1	0.0433	0.0000	OK
720 minute summer	S8	600	184.362	0.032	4.1	0.0464	0.0000	OK
720 minute summer	S9	525	184.178	0.053	4.1	0.0764	0.0000	OK
720 minute summer	S10	375	184.178	0.065	17.0	0.1184	0.0000	OK
720 minute summer	S11	375	186.435	0.035	1.4	0.0551	0.0000	OK
720 minute summer	S12	375	186.238	0.062	4.0	0.0922	0.0000	OK
720 minute summer	S13	375	186.034	0.041	6.8	0.0617	0.0000	OK
720 minute summer	S14	375	185.248	0.073	9.0	0.1143	0.0000	OK
720 minute summer	S15	375	184.924	0.057	11.7	0.0902	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S1	1.000	J1	1.1	0.496	0.126	0.0186	
720 minute summer	S2	1.012	J12	10.1	0.693	0.338	0.0218	
720 minute summer	S3	1.019	J18	13.9	0.965	0.261	0.2130	
720 minute summer	S4	1.022	BASIN 1	22.9	0.874	0.137	1.1778	
720 minute summer	S5	1.024	SWALE 1	4.1	0.391	0.049	0.2105	
720 minute summer	S6	1.026	BASIN 2	4.1	0.473	0.047	0.0599	
720 minute summer	S7	1.028	SWALE 2	4.1	0.582	0.013	0.1201	
720 minute summer	S8	1.030	S9	4.1	0.606	0.016	0.0848	
720 minute summer	S9	1.031	S10	4.1	0.638	0.048	0.0743	
720 minute summer	S10	1.032	SWALE 3	17.0	0.997	0.052	0.0751	
720 minute summer	S11	32.000	J28	1.4	0.542	0.235	0.0118	
720 minute summer	S12	32.003	J30	4.0	0.566	0.300	0.0360	
720 minute summer	S13	32.007	J33	6.8	1.383	0.069	0.0639	
720 minute summer	S14	32.009	J34	9.0	0.779	0.178	0.0607	
720 minute summer	S15	32.013	J37	11.7	1.535	0.127	0.0711	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.534	0.047	13.7	0.0712	0.0000	OK
720 minute summer	S17	585	186.303	0.153	1.8	0.2440	0.0000	SURCHARGED
720 minute summer	S18	585	186.303	0.479	4.8	0.7076	0.0000	SURCHARGED
720 minute summer	S19	585	186.302	0.536	7.3	0.7730	0.0000	SURCHARGED
720 minute summer	S20	390	184.665	0.023	0.6	0.0258	0.0000	OK
720 minute summer	S21	375	184.457	0.048	2.5	0.0636	0.0000	OK
720 minute summer	S22	375	184.313	0.081	5.2	0.1056	0.0000	OK
720 minute summer	S23	375	184.295	0.097	7.4	0.1253	0.0000	OK
720 minute summer	S24	375	184.140	0.123	14.2	0.1611	0.0000	OK
720 minute summer	S25	375	184.083	0.113	16.0	0.1563	0.0000	OK
720 minute summer	S26	375	185.403	0.026	1.6	0.0390	0.0000	OK
720 minute summer	FC1	375	188.479	0.229	0.5	0.2960	0.0000	SURCHARGED
720 minute summer	FC2	375	188.380	0.230	0.5	0.2971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S16	32.015	J38	13.7	0.933	0.043	0.0353	
720 minute summer	S17	23.001	J20	1.8	0.642	0.297	0.0560	
720 minute summer	S18	23.006	J24	4.8	0.443	0.150	0.0729	
720 minute summer	S19	23.010	J27	7.2	0.556	0.240	0.3541	
720 minute summer	S20	48.001	J41	0.6	0.483	0.106	0.0061	
720 minute summer	S21	48.004	J43	2.5	0.467	0.191	0.0278	
720 minute summer	S22	48.008	J46	5.2	0.395	0.166	0.0323	
720 minute summer	S23	48.011	J48	7.4	0.465	0.240	0.0179	
720 minute summer	S24	48.018	J56	14.2	0.538	0.265	0.1120	
720 minute summer	S25	48.021	BASIN 4	16.0	0.734	0.300	0.0839	
720 minute summer	S26	65.001	J54	1.6	0.661	0.152	0.0206	
720 minute summer	FC1	2.000	J1	0.5	0.262	0.075	0.0097	
720 minute summer	FC1	Infiltration		0.0				0.0
720 minute summer	FC2	3.000	J2	0.5	0.443	0.078	0.0047	
720 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC3	390	188.613	0.413	0.7	0.5583	0.0000	SURCHARGED
720 minute summer	FC4	375	188.354	0.154	0.4	0.1927	0.0000	SURCHARGED
720 minute summer	FC5	375	188.230	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC6	375	188.003	0.153	0.4	0.1914	0.0000	SURCHARGED
720 minute summer	FC7	375	187.904	0.154	0.4	0.1931	0.0000	SURCHARGED
720 minute summer	FC8	375	187.976	0.226	0.5	0.2923	0.0000	SURCHARGED
720 minute summer	FC9	375	187.626	0.156	0.4	0.1948	0.0000	SURCHARGED
720 minute summer	FC10	390	187.883	0.413	0.7	0.5577	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC3	4.000	J3	0.6	0.506	0.101	0.0117	
720 minute summer	FC3	Infiltration		0.0				0.0
720 minute summer	FC4	5.000	J4	0.4	0.492	0.050	0.0056	
720 minute summer	FC4	Infiltration		0.0				0.0
720 minute summer	FC5	6.000	J5	0.5	0.441	0.078	0.0044	
720 minute summer	FC5	Infiltration		0.0				0.0
720 minute summer	FC6	7.000	J6	0.4	0.547	0.043	0.0050	
720 minute summer	FC6	Infiltration		0.0				0.0
720 minute summer	FC7	8.000	J7	0.4	0.475	0.053	0.0057	
720 minute summer	FC7	Infiltration		0.0				0.0
720 minute summer	FC8	9.000	J8	0.5	0.618	0.048	0.0031	
720 minute summer	FC8	Infiltration		0.0				0.0
720 minute summer	FC9	10.000	J9	0.4	0.419	0.063	0.0065	
720 minute summer	FC9	Infiltration		0.0				0.0
720 minute summer	FC10	11.000	J10	0.6	0.525	0.095	0.0075	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC11	375	187.550	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC12	375	187.460	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC13	375	187.230	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC14	420	187.015	0.115	0.5	1.4668	0.0000	SURCHARGED
720 minute summer	FC15	375	187.350	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC16	375	187.055	0.155	0.4	0.1942	0.0000	SURCHARGED
720 minute summer	FC17	375	187.151	0.151	0.4	0.1890	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC10	Infiltration		0.0				0.0
720 minute summer	FC11	12.000	J11	0.5	0.444	0.079	0.0081	
720 minute summer	FC11	Infiltration		0.0				0.0
720 minute summer	FC12	13.000	S2	0.5	0.444	0.078	0.0072	
720 minute summer	FC12	Infiltration		0.0				0.0
720 minute summer	FC13	14.000	J12	0.5	0.445	0.078	0.0071	
720 minute summer	FC13	Infiltration		0.0				0.0
720 minute summer	FC14	15.000	J13	0.3	0.400	0.054	0.0060	
720 minute summer	FC14	Infiltration		0.0				0.0
720 minute summer	FC15	16.000	J14	0.4	0.883	0.022	0.0020	
720 minute summer	FC15	Infiltration		0.0				0.0
720 minute summer	FC16	17.000	J15	0.4	0.438	0.059	0.0065	
720 minute summer	FC16	Infiltration		0.0				0.0
720 minute summer	FC17	18.000	J16	0.4	0.692	0.031	0.0026	
720 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC18	375	186.706	0.156	0.4	0.1949	0.0000	SURCHARGED
720 minute summer	FC19	375	186.630	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC20	375	187.173	0.223	0.5	0.2884	0.0000	SURCHARGED
720 minute summer	FC21	375	186.530	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC22	405	186.537	0.087	0.4	0.8433	0.0000	OK
720 minute summer	FC23	375	186.451	0.151	0.4	0.1886	0.0000	SURCHARGED
720 minute summer	FC24	375	186.524	0.224	0.5	0.2893	0.0000	SURCHARGED
720 minute summer	FC25	375	186.773	0.223	0.5	0.2884	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC18	19.000	J17	0.4	0.417	0.064	0.0063	
720 minute summer	FC18	Infiltration		0.0				0.0
720 minute summer	FC19	20.000	S3	0.5	0.443	0.079	0.0069	
720 minute summer	FC19	Infiltration		0.0				0.0
720 minute summer	FC20	21.000	J18	0.5	0.889	0.029	0.0023	
720 minute summer	FC20	Infiltration		0.0				0.0
720 minute summer	FC21	22.000	J19	0.5	0.444	0.079	0.0261	
720 minute summer	FC21	Infiltration		0.0				0.0
720 minute summer	FC22	23.000	S17	0.3	0.250	0.018	0.0194	
720 minute summer	FC22	Infiltration		0.0				0.0
720 minute summer	FC23	24.000	J20	0.4	0.733	0.028	0.0187	
720 minute summer	FC23	Infiltration		0.0				0.0
720 minute summer	FC24	25.000	J21	0.5	0.804	0.033	0.0191	
720 minute summer	FC24	Infiltration		0.0				0.0
720 minute summer	FC25	26.000	J22	0.5	0.882	0.029	0.0149	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC26	405	186.536	0.086	0.4	0.8645	0.0000	OK
720 minute summer	FC27	375	186.650	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC28	375	186.723	0.223	0.5	0.2884	0.0000	SURCHARGED
720 minute summer	FC29	375	186.724	0.224	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC30	375	186.974	0.224	0.5	0.2890	0.0000	SURCHARGED
720 minute summer	FC31	375	186.603	0.153	0.4	0.1909	0.0000	SURCHARGED
720 minute summer	FC32	375	186.601	0.151	0.4	0.1886	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC25	Infiltration		0.0				0.0
720 minute summer	FC26	27.000	J23	0.3	0.669	0.021	0.0146	
720 minute summer	FC26	Infiltration		0.0				0.0
720 minute summer	FC27	28.000	J24	0.4	1.028	0.018	0.0183	
720 minute summer	FC27	Infiltration		0.0				0.0
720 minute summer	FC28	29.000	J25	0.5	0.887	0.029	0.0174	
720 minute summer	FC28	Infiltration		0.0				0.0
720 minute summer	FC29	30.000	J26	0.5	0.863	0.030	0.0189	
720 minute summer	FC29	Infiltration		0.0				0.0
720 minute summer	FC30	31.000	J27	0.5	0.829	0.032	0.0025	
720 minute summer	FC30	Infiltration		0.0				0.0
720 minute summer	FC31	33.000	J28	0.4	0.238	0.042	0.0073	
720 minute summer	FC31	Infiltration		0.0				0.0
720 minute summer	FC32	34.000	J29	0.4	0.213	0.030	0.0081	
720 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC33	375	186.674	0.224	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC34	375	186.680	0.230	0.5	0.2967	0.0000	SURCHARGED
720 minute summer	FC35	375	186.674	0.224	0.5	0.2890	0.0000	SURCHARGED
720 minute summer	FC36	375	186.674	0.224	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC37	390	186.210	0.410	0.7	0.5540	0.0000	SURCHARGED
720 minute summer	FC38	405	185.530	0.080	0.4	0.9609	0.0000	OK
720 minute summer	FC39	375	185.601	0.150	0.4	0.1882	0.0000	SURCHARGED
720 minute summer	FC40	375	185.723	0.223	0.5	0.2877	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC33	35.000	S12	0.5	0.815	0.033	0.0024	
720 minute summer	FC33	Infiltration		0.0				0.0
720 minute summer	FC34	36.000	J30	0.5	0.455	0.075	0.0049	
720 minute summer	FC34	Infiltration		0.0				0.0
720 minute summer	FC35	37.000	J31	0.5	0.820	0.033	0.0029	
720 minute summer	FC35	Infiltration		0.0				0.0
720 minute summer	FC36	38.000	J32	0.5	0.859	0.030	0.0027	
720 minute summer	FC36	Infiltration		0.0				0.0
720 minute summer	FC37	39.000	J33	0.6	0.644	0.071	0.0065	
720 minute summer	FC37	Infiltration		0.0				0.0
720 minute summer	FC38	40.000	J34	0.3	0.635	0.021	0.0020	
720 minute summer	FC38	Infiltration		0.0				0.0
720 minute summer	FC39	41.000	J35	0.4	0.777	0.026	0.0021	
720 minute summer	FC39	Infiltration		0.0				0.0
720 minute summer	FC40	42.000	J36	0.5	1.010	0.024	0.0023	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC41	375	185.076	0.226	0.5	0.2914	0.0000	SURCHARGED
720 minute summer	FC42	375	184.827	0.227	0.5	0.2932	0.0000	SURCHARGED
720 minute summer	FC43	375	184.826	0.226	0.5	0.2916	0.0000	SURCHARGED
720 minute summer	FC44	375	184.614	0.014	0.4	0.0170	0.0000	OK
720 minute summer	FC45	375	184.751	0.151	0.4	0.1887	0.0000	SURCHARGED
720 minute summer	FC46	390	185.114	0.414	0.7	0.5592	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	185.024	0.224	0.5	0.2889	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC40	Infiltration		0.0				0.0
720 minute summer	FC41	43.000	J37	0.5	0.661	0.044	0.0035	
720 minute summer	FC41	Infiltration		0.0				0.0
720 minute summer	FC42	44.000	J38	0.5	0.576	0.054	0.0040	
720 minute summer	FC42	Infiltration		0.0				0.0
720 minute summer	FC43	45.000	J39	0.5	0.654	0.045	0.0031	
720 minute summer	FC43	Infiltration		0.0				0.0
720 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
720 minute summer	FC44	Infiltration		0.0				0.0
720 minute summer	FC45	47.000	S10	0.4	0.723	0.029	0.0024	
720 minute summer	FC45	Infiltration		0.0				0.0
720 minute summer	FC46	48.000	S20	0.6	0.475	0.107	0.0080	
720 minute summer	FC46	Infiltration		0.0				0.0
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0034	
720 minute summer	FC48	50.000	J42	0.5	0.384	0.033	0.0063	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC49	375	185.030	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC50	375	185.030	0.230	0.5	0.2972	0.0000	SURCHARGED
720 minute summer	FC51	375	185.080	0.230	0.5	0.2970	0.0000	SURCHARGED
720 minute summer	FC52	375	185.476	0.226	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC53	375	185.477	0.227	0.5	0.2925	0.0000	SURCHARGED
720 minute summer	FC54	375	185.402	0.152	0.4	0.1899	0.0000	SURCHARGED
720 minute summer	FC55	375	185.400	0.150	0.4	0.1881	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC48	Infiltration		0.0				0.0
720 minute summer	FC49	51.000	S21	0.5	0.441	0.078	0.0046	
720 minute summer	FC49	Infiltration		0.0				0.0
720 minute summer	FC50	52.000	J43	0.5	0.441	0.078	0.0049	
720 minute summer	FC50	Infiltration		0.0				0.0
720 minute summer	FC51	55.000	S22	0.5	0.443	0.078	0.0064	
720 minute summer	FC51	Infiltration		0.0				0.0
720 minute summer	FC52	58.000	S23	0.5	0.643	0.046	0.0039	
720 minute summer	FC52	Infiltration		0.0				0.0
720 minute summer	FC53	61.000	J50	0.5	0.606	0.050	0.0033	
720 minute summer	FC53	Infiltration		0.0				0.0
720 minute summer	FC54	62.000	J51	0.4	0.631	0.035	0.0024	
720 minute summer	FC54	Infiltration		0.0				0.0
720 minute summer	FC55	64.000	J53	0.4	0.795	0.025	0.0020	
720 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC56	375	185.500	0.150	0.4	0.1881	0.0000	SURCHARGED
720 minute summer	FC57	375	185.501	0.150	0.4	0.1883	0.0000	SURCHARGED
720 minute summer	FC58	375	185.501	0.151	0.4	0.1885	0.0000	SURCHARGED
720 minute summer	FC59	375	185.501	0.151	0.4	0.1891	0.0000	SURCHARGED
720 minute summer	FC60	375	185.575	0.225	0.5	0.2903	0.0000	SURCHARGED
720 minute summer	FC61	375	185.527	0.227	0.5	0.2930	0.0000	SURCHARGED
720 minute summer	FC62	390	185.661	0.411	0.7	0.5556	0.0000	SURCHARGED
720 minute summer	FC63	375	185.556	0.156	0.4	0.1946	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC56	53.000	J44	0.4	0.819	0.024	0.0030	
720 minute summer	FC56	Infiltration		0.0				0.0
720 minute summer	FC57	54.000	J45	0.4	0.769	0.027	0.0032	
720 minute summer	FC57	Infiltration		0.0				0.0
720 minute summer	FC58	56.000	J46	0.4	0.739	0.028	0.0032	
720 minute summer	FC58	Infiltration		0.0				0.0
720 minute summer	FC59	57.000	J47	0.4	0.686	0.031	0.0035	
720 minute summer	FC59	Infiltration		0.0				0.0
720 minute summer	FC60	59.000	J48	0.5	0.722	0.039	0.0042	
720 minute summer	FC60	Infiltration		0.0				0.0
720 minute summer	FC61	60.000	J49	0.5	0.580	0.054	0.0059	
720 minute summer	FC61	Infiltration		0.0				0.0
720 minute summer	FC62	63.000	J52	0.6	0.584	0.083	0.0102	
720 minute summer	FC62	Infiltration		0.0				0.0
720 minute summer	FC63	65.000	S26	0.4	0.308	0.064	0.0030	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC64	375	185.309	0.159	0.4	0.1990	0.0000	SURCHARGED
720 minute summer	FC65	375	185.376	0.226	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC66	375	185.229	0.229	0.5	0.2956	0.0000	SURCHARGED
720 minute summer	FC67	405	184.887	0.087	0.4	0.8965	0.0000	OK
720 minute summer	FC68	375	184.703	0.153	0.4	0.1916	0.0000	SURCHARGED
720 minute summer	J1	375	188.242	0.042	2.7	0.0613	0.0000	OK
720 minute summer	J2	375	188.116	0.060	3.1	0.0673	0.0000	OK
720 minute summer	J3	375	188.105	0.055	3.7	0.0619	0.0000	OK
720 minute summer	J4	375	188.078	0.039	4.1	0.0436	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC63	Infiltration		0.0				0.0
720 minute summer	FC64	66.000	J54	0.4	0.199	0.063	0.0048	
720 minute summer	FC64	Infiltration		0.0				0.0
720 minute summer	FC65	67.000	J55	0.5	0.281	0.048	0.0041	
720 minute summer	FC65	Infiltration		0.0				0.0
720 minute summer	FC66	68.000	S24	0.5	0.496	0.064	0.0020	
720 minute summer	FC66	Infiltration		0.0				0.0
720 minute summer	FC67	69.000	J56	0.3	0.372	0.046	0.0015	
720 minute summer	FC67	Infiltration		0.0				0.0
720 minute summer	FC68	70.000	J57	0.4	0.549	0.042	0.0016	
720 minute summer	FC68	Infiltration		0.0				0.0
720 minute summer	J1	1.001	J2	2.7	0.901	0.321	0.0148	
720 minute summer	J2	1.002	J3	3.1	0.508	0.233	0.0064	
720 minute summer	J3	1.003	J4	3.7	0.803	0.282	0.0091	
720 minute summer	J4	1.004	J5	4.1	1.230	0.121	0.0119	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J5	375	187.945	0.035	4.6	0.0397	0.0000	OK
720 minute summer	J6	375	187.700	0.050	5.0	0.0562	0.0000	OK
720 minute summer	J7	375	187.586	0.061	5.3	0.0691	0.0000	OK
720 minute summer	J8	375	187.560	0.039	5.9	0.0439	0.0000	OK
720 minute summer	J9	375	187.340	0.065	6.2	0.0734	0.0000	OK
720 minute summer	J10	375	187.308	0.038	6.8	0.0427	0.0000	OK
720 minute summer	J11	375	187.174	0.053	7.2	0.0597	0.0000	OK
720 minute summer	J12	375	186.875	0.066	10.6	0.0744	0.0000	OK
720 minute summer	J13	375	186.732	0.105	10.8	0.1188	0.0000	OK
720 minute summer	J14	375	186.721	0.099	11.2	0.1116	0.0000	OK
720 minute summer	J15	375	186.705	0.088	11.6	0.0993	0.0000	OK
720 minute summer	J16	375	186.672	0.067	12.0	0.0759	0.0000	OK
720 minute summer	J17	375	186.330	0.047	12.3	0.0530	0.0000	OK
720 minute summer	J18	570	186.302	0.177	14.4	0.2000	0.0000	OK
720 minute summer	J19	585	186.304	0.277	21.8	0.3134	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J5	1.005	J6	4.6	1.122	0.120	0.0233	
720 minute summer	J6	1.006	J7	5.0	1.082	0.174	0.0090	
720 minute summer	J7	1.007	J8	5.5	0.835	0.177	0.0075	
720 minute summer	J8	1.008	J9	5.8	0.839	0.065	0.0593	
720 minute summer	J9	1.009	J10	6.2	0.907	0.185	0.0083	
720 minute summer	J10	1.010	J11	6.8	1.194	0.053	0.0140	
720 minute summer	J11	1.011	S2	7.2	0.635	0.113	0.0621	
720 minute summer	J12	1.013	J13	10.6	1.165	0.158	0.0587	
720 minute summer	J13	1.014	J14	10.8	0.515	0.191	0.0399	
720 minute summer	J14	1.015	J15	11.2	0.602	0.199	0.0358	
720 minute summer	J15	1.016	J16	11.6	0.806	0.217	0.0740	
720 minute summer	J16	1.017	J17	12.0	1.122	0.084	0.0359	
720 minute summer	J17	1.018	S3	12.3	0.992	0.040	0.0395	
720 minute summer	J18	1.020	J19	21.5	0.874	0.075	0.0826	
720 minute summer	J19	1.021	S4	14.8	0.720	0.268	0.3017	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J20	570	186.303	0.272	2.1	0.3078	0.0000	SURCHARGED
720 minute summer	J21	585	186.303	0.294	2.6	0.3326	0.0000	SURCHARGED
720 minute summer	J22	585	186.303	0.340	3.1	0.3845	0.0000	SURCHARGED
720 minute summer	J23	585	186.303	0.361	3.3	0.4082	0.0000	SURCHARGED
720 minute summer	J24	585	186.303	0.486	5.2	0.5495	0.0000	SURCHARGED
720 minute summer	J25	585	186.303	0.507	5.6	0.5734	0.0000	SURCHARGED
720 minute summer	J26	570	186.302	0.523	6.0	0.5920	0.0000	SURCHARGED
720 minute summer	J27	585	186.304	0.568	9.7	0.6423	0.0000	SURCHARGED
720 minute summer	J28	375	186.395	0.039	1.8	0.0436	0.0000	OK
720 minute summer	J29	375	186.315	0.044	2.2	0.0503	0.0000	OK
720 minute summer	J30	375	186.212	0.065	4.5	0.0731	0.0000	OK
720 minute summer	J31	375	186.109	0.065	4.9	0.0732	0.0000	OK
720 minute summer	J32	375	186.073	0.062	5.4	0.0704	0.0000	OK
720 minute summer	J33	375	185.576	0.041	7.4	0.0459	0.0000	OK
720 minute summer	J34	375	185.203	0.077	9.3	0.0876	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J20	23.002	J21	2.1	0.477	0.158	0.0665	
720 minute summer	J21	23.003	J22	2.6	0.504	0.194	0.1411	
720 minute summer	J22	23.004	J23	3.1	0.542	0.226	0.0633	
720 minute summer	J23	23.005	S18	3.3	0.612	0.247	0.1321	
720 minute summer	J24	23.007	J25	5.1	0.457	0.171	0.2458	
720 minute summer	J25	23.008	J26	5.5	0.449	0.182	0.1975	
720 minute summer	J26	23.009	S19	5.8	0.454	0.189	0.1474	
720 minute summer	J27	23.011	S4	10.5	0.640	0.351	0.0951	
720 minute summer	J28	32.001	J29	1.8	0.579	0.300	0.0271	
720 minute summer	J29	32.002	S12	2.1	0.668	0.362	0.0150	
720 minute summer	J30	32.004	J31	4.5	0.649	0.337	0.0343	
720 minute summer	J31	32.005	J32	4.9	0.538	0.164	0.0893	
720 minute summer	J32	32.006	S13	5.4	0.785	0.179	0.0368	
720 minute summer	J33	32.008	S14	7.4	0.950	0.071	0.0722	
720 minute summer	J34	32.010	J35	9.3	0.997	0.240	0.0845	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J35	375	185.126	0.051	9.6	0.0572	0.0000	OK
720 minute summer	J36	375	184.958	0.082	10.1	0.0933	0.0000	OK
720 minute summer	J37	375	184.585	0.085	12.2	0.0962	0.0000	OK
720 minute summer	J38	375	184.411	0.111	14.2	0.1254	0.0000	OK
720 minute summer	J39	375	184.376	0.102	14.7	0.1152	0.0000	OK
720 minute summer	J40	375	184.349	0.084	15.1	0.0954	0.0000	OK
720 minute summer	J41	390	184.619	0.022	0.6	0.0250	0.0000	OK
720 minute summer	J42	390	184.567	0.030	1.1	0.0339	0.0000	OK
720 minute summer	J43	375	184.436	0.056	3.0	0.0637	0.0000	OK
720 minute summer	J44	375	184.424	0.054	3.4	0.0609	0.0000	OK
720 minute summer	J45	375	184.380	0.059	3.8	0.0673	0.0000	OK
720 minute summer	J46	375	184.307	0.084	5.6	0.0955	0.0000	OK
720 minute summer	J47	375	184.300	0.093	6.0	0.1056	0.0000	OK
720 minute summer	J48	375	184.287	0.093	7.9	0.1052	0.0000	OK
720 minute summer	J49	375	184.274	0.105	8.3	0.1191	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J35	32.011	J36	9.6	0.983	0.108	0.0681	
720 minute summer	J36	32.012	S15	10.1	0.962	0.336	0.0250	
720 minute summer	J37	32.014	S16	12.1	1.063	0.220	0.0606	
720 minute summer	J38	32.016	J39	14.2	0.636	0.263	0.2418	
720 minute summer	J39	32.017	J40	14.7	0.788	0.268	0.0681	
720 minute summer	J40	32.018	S10	15.1	0.979	0.151	0.1472	
720 minute summer	J41	48.002	J42	0.6	0.392	0.107	0.0101	
720 minute summer	J42	48.003	S21	1.1	0.565	0.185	0.0158	
720 minute summer	J43	48.005	J44	3.0	0.512	0.215	0.0094	
720 minute summer	J44	48.006	J45	3.4	0.554	0.253	0.0534	
720 minute summer	J45	48.007	S22	3.7	0.617	0.276	0.0145	
720 minute summer	J46	48.009	J47	5.6	0.383	0.181	0.0615	
720 minute summer	J47	48.010	S23	5.9	0.372	0.197	0.0422	
720 minute summer	J48	48.012	J49	7.9	0.467	0.263	0.1254	
720 minute summer	J49	48.013	J50	8.3	0.469	0.271	0.0201	

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J50	375	184.266	0.101	8.8	0.1143	0.0000	OK
720 minute summer	J51	375	184.253	0.105	9.2	0.1191	0.0000	OK
720 minute summer	J52	375	184.243	0.099	9.8	0.1115	0.0000	OK
720 minute summer	J53	375	184.221	0.094	10.1	0.1059	0.0000	OK
720 minute summer	J54	375	185.172	0.043	1.9	0.0482	0.0000	OK
720 minute summer	J55	375	185.135	0.040	2.4	0.0458	0.0000	OK
720 minute summer	J56	375	184.125	0.118	14.4	0.1337	0.0000	OK
720 minute summer	J57	375	184.104	0.119	14.8	0.1343	0.0000	OK
720 minute summer	BASIN 1	585	186.302	1.377	23.6	183.0947	0.0000	SURCHARGED
720 minute summer	BASIN 2	585	184.853	0.552	4.2	55.9488	0.0000	OK
720 minute summer	BASIN 3	960	183.462	0.362	19.3	338.8866	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J50	48.014	J51	8.8	0.495	0.294	0.0900	
720 minute summer	J51	48.015	J52	9.1	0.524	0.298	0.0198	
720 minute summer	J52	48.016	J53	9.8	0.604	0.320	0.0788	
720 minute summer	J53	48.017	S24	10.1	0.705	0.336	0.1473	
720 minute summer	J54	65.002	J55	1.9	0.634	0.329	0.0112	
720 minute summer	J55	65.003	S24	2.4	0.837	0.317	0.0226	
720 minute summer	J56	48.019	J57	14.4	0.558	0.266	0.2349	
720 minute summer	J57	48.020	S25	14.8	0.590	0.271	0.1535	
720 minute summer	BASIN 1	1.023	S5	4.1	0.114	0.049	0.9418	
720 minute summer	BASIN 1	Infiltration		0.1				5.4
720 minute summer	BASIN 2	1.027	S7	4.1	0.587	0.049	0.1549	
720 minute summer	BASIN 2	71.000	BH1	0.8	0.527	0.140	0.1829	
720 minute summer	BASIN 2	Infiltration		0.0				0.0
720 minute summer	BASIN 3	1.034	BH2	1.5	0.387	0.012	1.6104	
720 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	BASIN 4	750	184.007	0.677	17.8	206.2737	0.0000	SURCHARGED
720 minute summer	SWALE 1	465	184.931	0.056	4.1	0.0808	0.0000	OK
720 minute summer	SWALE 2	600	184.431	0.056	4.1	0.0800	0.0000	OK
720 minute summer	SWALE 3	375	184.090	0.094	17.0	0.1352	0.0000	OK
720 minute summer	BH1	585	184.852	0.775	0.8	3.0503	0.0000	OK
720 minute summer	BH2	960	183.462	0.379	1.5	3.4903	0.0000	OK
720 minute summer	BH3	750	184.007	0.688	0.8	4.8166	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	BASIN 4	48.022	BH3	0.8	0.371	0.014	0.3211	
720 minute summer	BASIN 4	Infiltration		0.0				0.0
720 minute summer	SWALE 1	1.025	S6	4.1	0.395	0.049	0.3957	
720 minute summer	SWALE 2	1.029	S8	4.1	0.560	0.049	0.1907	
720 minute summer	SWALE 3	1.033	BASIN 3	17.0	0.797	0.136	0.9219	
720 minute summer	BH1	Infiltration		0.1				4.8
720 minute summer	BH2	Infiltration		0.2				5.1
720 minute summer	BH3	Infiltration		0.2				9.3

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	375	188.391	0.020	0.8	0.0302	0.0000	OK
720 minute winter	S2	375	187.121	0.082	7.6	0.1421	0.0000	OK
720 minute winter	S3	585	186.307	0.170	10.5	0.2260	0.0000	OK
720 minute winter	S4	585	186.306	0.928	17.1	1.1901	0.0000	SURCHARGED
720 minute winter	S5	600	186.306	1.396	4.1	1.9970	0.0000	SURCHARGED
720 minute winter	S6	600	184.866	0.058	4.1	0.0831	0.0000	OK
720 minute winter	S7	600	184.789	0.030	4.1	0.0433	0.0000	OK
720 minute winter	S8	615	184.363	0.032	4.1	0.0464	0.0000	OK
720 minute winter	S9	510	184.180	0.055	4.1	0.0790	0.0000	OK
720 minute winter	S10	375	184.167	0.054	12.6	0.0988	0.0000	OK
720 minute winter	S11	375	186.429	0.029	1.0	0.0456	0.0000	OK
720 minute winter	S12	375	186.228	0.052	3.0	0.0772	0.0000	OK
720 minute winter	S13	375	186.029	0.036	5.1	0.0533	0.0000	OK
720 minute winter	S14	375	185.236	0.061	6.7	0.0963	0.0000	OK
720 minute winter	S15	375	184.916	0.049	8.7	0.0769	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S1	1.000	J1	0.8	0.455	0.092	0.0148	
720 minute winter	S2	1.012	J12	7.6	0.638	0.254	0.0178	
720 minute winter	S3	1.019	J18	10.5	0.949	0.196	0.2194	
720 minute winter	S4	1.022	BASIN 1	17.0	0.911	0.101	1.1778	
720 minute winter	S5	1.024	SWALE 1	4.1	0.391	0.049	0.2106	
720 minute winter	S6	1.026	BASIN 2	4.1	0.471	0.047	0.0600	
720 minute winter	S7	1.028	SWALE 2	4.1	0.582	0.013	0.1202	
720 minute winter	S8	1.030	S9	4.1	0.607	0.016	0.0874	
720 minute winter	S9	1.031	S10	4.1	0.640	0.048	0.0594	
720 minute winter	S10	1.032	SWALE 3	12.6	0.934	0.038	0.0593	
720 minute winter	S11	32.000	J28	1.0	0.493	0.168	0.0092	
720 minute winter	S12	32.003	J30	3.0	0.527	0.222	0.0286	
720 minute winter	S13	32.007	J33	5.1	1.274	0.052	0.0520	
720 minute winter	S14	32.009	J34	6.7	0.720	0.131	0.0485	
720 minute winter	S15	32.013	J37	8.7	1.416	0.094	0.0571	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.525	0.038	10.1	0.0584	0.0000	OK
720 minute winter	S17	585	186.307	0.157	1.2	0.2491	0.0000	SURCHARGED
720 minute winter	S18	600	186.306	0.482	3.5	0.7129	0.0000	SURCHARGED
720 minute winter	S19	600	186.306	0.540	5.3	0.7785	0.0000	SURCHARGED
720 minute winter	S20	390	184.662	0.020	0.5	0.0227	0.0000	OK
720 minute winter	S21	375	184.450	0.041	1.9	0.0542	0.0000	OK
720 minute winter	S22	375	184.298	0.067	4.0	0.0871	0.0000	OK
720 minute winter	S23	375	184.280	0.082	5.6	0.1053	0.0000	OK
720 minute winter	S24	375	184.121	0.104	10.7	0.1370	0.0000	OK
720 minute winter	S25	375	184.068	0.097	12.0	0.1348	0.0000	OK
720 minute winter	S26	390	185.399	0.022	1.1	0.0325	0.0000	OK
720 minute winter	FC1	375	188.405	0.155	0.4	0.2006	0.0000	SURCHARGED
720 minute winter	FC2	375	188.306	0.156	0.4	0.2015	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S16	32.015	J38	10.1	0.879	0.032	0.0279	
720 minute winter	S17	23.001	J20	1.2	0.586	0.210	0.0560	
720 minute winter	S18	23.006	J24	3.5	0.416	0.109	0.0729	
720 minute winter	S19	23.010	J27	5.3	0.515	0.177	0.3541	
720 minute winter	S20	48.001	J41	0.5	0.450	0.082	0.0050	
720 minute winter	S21	48.004	J43	1.9	0.441	0.145	0.0224	
720 minute winter	S22	48.008	J46	4.0	0.390	0.126	0.0247	
720 minute winter	S23	48.011	J48	5.6	0.447	0.182	0.0141	
720 minute winter	S24	48.018	J56	10.7	0.506	0.201	0.0901	
720 minute winter	S25	48.021	BASIN 4	12.0	0.678	0.226	0.0685	
720 minute winter	S26	65.001	J54	1.1	0.595	0.106	0.0160	
720 minute winter	FC1	2.000	J1	0.4	0.238	0.061	0.0079	
720 minute winter	FC1	Infiltration		0.0				0.0
720 minute winter	FC2	3.000	J2	0.4	0.417	0.063	0.0041	
720 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC3	390	188.456	0.256	0.5	0.3453	0.0000	SURCHARGED
720 minute winter	FC4	390	188.301	0.101	0.3	0.1267	0.0000	SURCHARGED
720 minute winter	FC5	375	188.156	0.156	0.4	0.2016	0.0000	SURCHARGED
720 minute winter	FC6	390	187.950	0.100	0.3	0.1255	0.0000	SURCHARGED
720 minute winter	FC7	390	187.852	0.102	0.3	0.1271	0.0000	SURCHARGED
720 minute winter	FC8	375	187.903	0.153	0.4	0.1971	0.0000	SURCHARGED
720 minute winter	FC9	390	187.573	0.103	0.3	0.1287	0.0000	SURCHARGED
720 minute winter	FC10	390	187.725	0.255	0.5	0.3448	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC3	4.000	J3	0.5	0.471	0.079	0.0098	
720 minute winter	FC3	Infiltration		0.0				0.0
720 minute winter	FC4	5.000	J4	0.3	0.459	0.040	0.0048	
720 minute winter	FC4	Infiltration		0.0				0.0
720 minute winter	FC5	6.000	J5	0.4	0.415	0.063	0.0038	
720 minute winter	FC5	Infiltration		0.0				0.0
720 minute winter	FC6	7.000	J6	0.3	0.511	0.034	0.0043	
720 minute winter	FC6	Infiltration		0.0				0.0
720 minute winter	FC7	8.000	J7	0.3	0.444	0.042	0.0049	
720 minute winter	FC7	Infiltration		0.0				0.0
720 minute winter	FC8	9.000	J8	0.4	0.582	0.039	0.0027	
720 minute winter	FC8	Infiltration		0.0				0.0
720 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
720 minute winter	FC9	Infiltration		0.0				0.0
720 minute winter	FC10	11.000	J10	0.5	0.488	0.074	0.0063	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC11	375	187.476	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC12	375	187.386	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC13	375	187.156	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC14	435	186.992	0.092	0.4	1.1775	0.0000	OK
720 minute winter	FC15	390	187.299	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC16	390	187.002	0.102	0.3	0.1281	0.0000	SURCHARGED
720 minute winter	FC17	390	187.099	0.099	0.3	0.1233	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC10	Infiltration		0.0				0.0
720 minute winter	FC11	12.000	J11	0.4	0.418	0.064	0.0070	
720 minute winter	FC11	Infiltration		0.0				0.0
720 minute winter	FC12	13.000	S2	0.4	0.417	0.064	0.0062	
720 minute winter	FC12	Infiltration		0.0				0.0
720 minute winter	FC13	14.000	J12	0.4	0.418	0.063	0.0061	
720 minute winter	FC13	Infiltration		0.0				0.0
720 minute winter	FC14	15.000	J13	0.3	0.385	0.047	0.0055	
720 minute winter	FC14	Infiltration		0.0				0.0
720 minute winter	FC15	16.000	J14	0.3	0.825	0.017	0.0017	
720 minute winter	FC15	Infiltration		0.0				0.0
720 minute winter	FC16	17.000	J15	0.3	0.410	0.047	0.0055	
720 minute winter	FC16	Infiltration		0.0				0.0
720 minute winter	FC17	18.000	J16	0.3	0.647	0.024	0.0022	
720 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC18	390	186.653	0.103	0.3	0.1288	0.0000	SURCHARGED
720 minute winter	FC19	375	186.556	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC20	375	187.100	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute winter	FC21	375	186.456	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC22	405	186.520	0.070	0.3	0.6754	0.0000	OK
720 minute winter	FC23	390	186.399	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC24	375	186.451	0.151	0.4	0.1945	0.0000	SURCHARGED
720 minute winter	FC25	375	186.700	0.150	0.4	0.1941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
720 minute winter	FC18	Infiltration		0.0				0.0
720 minute winter	FC19	20.000	S3	0.4	0.417	0.064	0.0060	
720 minute winter	FC19	Infiltration		0.0				0.0
720 minute winter	FC20	21.000	J18	0.4	0.836	0.023	0.0020	
720 minute winter	FC20	Infiltration		0.0				0.0
720 minute winter	FC21	22.000	J19	0.4	0.417	0.064	0.0269	
720 minute winter	FC21	Infiltration		0.0				0.0
720 minute winter	FC22	23.000	S17	0.2	0.242	0.016	0.0193	
720 minute winter	FC22	Infiltration		0.0				0.0
720 minute winter	FC23	24.000	J20	0.3	0.685	0.022	0.0187	
720 minute winter	FC23	Infiltration		0.0				0.0
720 minute winter	FC24	25.000	J21	0.4	0.755	0.027	0.0190	
720 minute winter	FC24	Infiltration		0.0				0.0
720 minute winter	FC25	26.000	J22	0.4	0.830	0.024	0.0156	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC26	405	186.519	0.069	0.3	0.6951	0.0000	OK
720 minute winter	FC27	390	186.599	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC28	375	186.650	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute winter	FC29	375	186.650	0.150	0.4	0.1942	0.0000	SURCHARGED
720 minute winter	FC30	375	186.901	0.151	0.4	0.1943	0.0000	SURCHARGED
720 minute winter	FC31	390	186.550	0.100	0.3	0.1250	0.0000	OK
720 minute winter	FC32	390	186.549	0.099	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC25	Infiltration		0.0				0.0
720 minute winter	FC26	27.000	J23	0.2	0.645	0.018	0.0153	
720 minute winter	FC26	Infiltration		0.0				0.0
720 minute winter	FC27	28.000	J24	0.3	0.960	0.014	0.0181	
720 minute winter	FC27	Infiltration		0.0				0.0
720 minute winter	FC28	29.000	J25	0.4	0.834	0.024	0.0174	
720 minute winter	FC28	Infiltration		0.0				0.0
720 minute winter	FC29	30.000	J26	0.4	0.812	0.025	0.0189	
720 minute winter	FC29	Infiltration		0.0				0.0
720 minute winter	FC30	31.000	J27	0.4	0.779	0.026	0.0021	
720 minute winter	FC30	Infiltration		0.0				0.0
720 minute winter	FC31	33.000	J28	0.3	0.238	0.033	0.0058	
720 minute winter	FC31	Infiltration		0.0				0.0
720 minute winter	FC32	34.000	J29	0.3	0.214	0.024	0.0065	
720 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC33	375	186.601	0.151	0.4	0.1944	0.0000	SURCHARGED
720 minute winter	FC34	375	186.606	0.156	0.4	0.2011	0.0000	SURCHARGED
720 minute winter	FC35	375	186.601	0.151	0.4	0.1944	0.0000	SURCHARGED
720 minute winter	FC36	375	186.600	0.150	0.4	0.1942	0.0000	SURCHARGED
720 minute winter	FC37	390	186.053	0.253	0.5	0.3414	0.0000	SURCHARGED
720 minute winter	FC38	405	185.516	0.066	0.3	0.7868	0.0000	OK
720 minute winter	FC39	390	185.549	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC40	375	185.650	0.150	0.4	0.1941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC33	35.000	S12	0.4	0.766	0.027	0.0020	
720 minute winter	FC33	Infiltration		0.0				0.0
720 minute winter	FC34	36.000	J30	0.4	0.429	0.061	0.0042	
720 minute winter	FC34	Infiltration		0.0				0.0
720 minute winter	FC35	37.000	J31	0.4	0.771	0.026	0.0025	
720 minute winter	FC35	Infiltration		0.0				0.0
720 minute winter	FC36	38.000	J32	0.4	0.808	0.025	0.0023	
720 minute winter	FC36	Infiltration		0.0				0.0
720 minute winter	FC37	39.000	J33	0.5	0.599	0.055	0.0054	
720 minute winter	FC37	Infiltration		0.0				0.0
720 minute winter	FC38	40.000	J34	0.2	0.613	0.019	0.0018	
720 minute winter	FC38	Infiltration		0.0				0.0
720 minute winter	FC39	41.000	J35	0.3	0.726	0.021	0.0018	
720 minute winter	FC39	Infiltration		0.0				0.0
720 minute winter	FC40	42.000	J36	0.4	0.949	0.020	0.0020	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC41	375	185.002	0.152	0.4	0.1963	0.0000	SURCHARGED
720 minute winter	FC42	375	184.753	0.153	0.4	0.1979	0.0000	SURCHARGED
720 minute winter	FC43	375	184.752	0.152	0.4	0.1964	0.0000	SURCHARGED
720 minute winter	FC44	360	184.612	0.012	0.3	0.0148	0.0000	OK
720 minute winter	FC45	390	184.699	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC46	390	184.956	0.256	0.5	0.3461	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	375	184.951	0.151	0.4	0.1943	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC40	Infiltration		0.0				0.0
720 minute winter	FC41	43.000	J37	0.4	0.622	0.036	0.0030	
720 minute winter	FC41	Infiltration		0.0				0.0
720 minute winter	FC42	44.000	J38	0.4	0.542	0.044	0.0034	
720 minute winter	FC42	Infiltration		0.0				0.0
720 minute winter	FC43	45.000	J39	0.4	0.616	0.036	0.0026	
720 minute winter	FC43	Infiltration		0.0				0.0
720 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
720 minute winter	FC44	Infiltration		0.0				0.0
720 minute winter	FC45	47.000	S10	0.3	0.676	0.023	0.0020	
720 minute winter	FC45	Infiltration		0.0				0.0
720 minute winter	FC46	48.000	S20	0.5	0.443	0.083	0.0066	
720 minute winter	FC46	Infiltration		0.0				0.0
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
720 minute winter	FC48	50.000	J42	0.4	0.367	0.027	0.0053	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC49	375	184.956	0.156	0.4	0.2016	0.0000	SURCHARGED
720 minute winter	FC50	375	184.956	0.156	0.4	0.2015	0.0000	SURCHARGED
720 minute winter	FC51	375	185.006	0.156	0.4	0.2014	0.0000	SURCHARGED
720 minute winter	FC52	375	185.402	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute winter	FC53	375	185.403	0.153	0.4	0.1973	0.0000	SURCHARGED
720 minute winter	FC54	390	185.349	0.099	0.3	0.1241	0.0000	OK
720 minute winter	FC55	390	185.349	0.099	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC48	Infiltration		0.0				0.0
720 minute winter	FC49	51.000	S21	0.4	0.415	0.063	0.0039	
720 minute winter	FC49	Infiltration		0.0				0.0
720 minute winter	FC50	52.000	J43	0.4	0.416	0.063	0.0042	
720 minute winter	FC50	Infiltration		0.0				0.0
720 minute winter	FC51	55.000	S22	0.4	0.417	0.064	0.0055	
720 minute winter	FC51	Infiltration		0.0				0.0
720 minute winter	FC52	58.000	S23	0.4	0.605	0.037	0.0034	
720 minute winter	FC52	Infiltration		0.0				0.0
720 minute winter	FC53	61.000	J50	0.4	0.570	0.040	0.0028	
720 minute winter	FC53	Infiltration		0.0				0.0
720 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
720 minute winter	FC54	Infiltration		0.0				0.0
720 minute winter	FC55	64.000	J53	0.3	0.742	0.020	0.0017	
720 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC56	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC57	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC58	390	185.449	0.099	0.3	0.1232	0.0000	OK
720 minute winter	FC59	390	185.449	0.099	0.3	0.1233	0.0000	OK
720 minute winter	FC60	375	185.501	0.151	0.4	0.1953	0.0000	SURCHARGED
720 minute winter	FC61	375	185.453	0.153	0.4	0.1978	0.0000	SURCHARGED
720 minute winter	FC62	390	185.504	0.254	0.5	0.3429	0.0000	SURCHARGED
720 minute winter	FC63	390	185.503	0.103	0.3	0.1285	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC56	53.000	J44	0.3	0.764	0.019	0.0026	
720 minute winter	FC56	Infiltration		0.0				0.0
720 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
720 minute winter	FC57	Infiltration		0.0				0.0
720 minute winter	FC58	56.000	J46	0.3	0.690	0.022	0.0027	
720 minute winter	FC58	Infiltration		0.0				0.0
720 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
720 minute winter	FC59	Infiltration		0.0				0.0
720 minute winter	FC60	59.000	J48	0.4	0.678	0.032	0.0037	
720 minute winter	FC60	Infiltration		0.0				0.0
720 minute winter	FC61	60.000	J49	0.4	0.545	0.044	0.0051	
720 minute winter	FC61	Infiltration		0.0				0.0
720 minute winter	FC62	63.000	J52	0.5	0.543	0.064	0.0085	
720 minute winter	FC62	Infiltration		0.0				0.0
720 minute winter	FC63	65.000	S26	0.3	0.296	0.051	0.0024	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC64	390	185.253	0.103	0.3	0.1285	0.0000	SURCHARGED
720 minute winter	FC65	375	185.302	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute winter	FC66	375	185.155	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute winter	FC67	405	184.871	0.071	0.3	0.7251	0.0000	OK
720 minute winter	FC68	390	184.650	0.100	0.3	0.1256	0.0000	SURCHARGED
720 minute winter	J1	375	188.235	0.035	2.0	0.0518	0.0000	OK
720 minute winter	J2	375	188.107	0.051	2.4	0.0576	0.0000	OK
720 minute winter	J3	375	188.097	0.047	2.8	0.0535	0.0000	OK
720 minute winter	J4	375	188.072	0.033	3.1	0.0375	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC63	Infiltration		0.0				0.0
720 minute winter	FC64	66.000	J54	0.3	0.192	0.051	0.0035	
720 minute winter	FC64	Infiltration		0.0				0.0
720 minute winter	FC65	67.000	J55	0.4	0.276	0.039	0.0033	
720 minute winter	FC65	Infiltration		0.0				0.0
720 minute winter	FC66	68.000	S24	0.4	0.468	0.052	0.0017	
720 minute winter	FC66	Infiltration		0.0				0.0
720 minute winter	FC67	69.000	J56	0.2	0.359	0.041	0.0014	
720 minute winter	FC67	Infiltration		0.0				0.0
720 minute winter	FC68	70.000	J57	0.3	0.514	0.033	0.0013	
720 minute winter	FC68	Infiltration		0.0				0.0
720 minute winter	J1	1.001	J2	2.0	0.835	0.238	0.0119	
720 minute winter	J2	1.002	J3	2.3	0.469	0.175	0.0052	
720 minute winter	J3	1.003	J4	2.8	0.746	0.213	0.0075	
720 minute winter	J4	1.004	J5	3.1	1.142	0.092	0.0097	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J5	375	187.941	0.031	3.5	0.0347	0.0000	OK
720 minute winter	J6	375	187.693	0.043	3.8	0.0482	0.0000	OK
720 minute winter	J7	375	187.579	0.054	4.1	0.0605	0.0000	OK
720 minute winter	J8	375	187.555	0.034	4.5	0.0387	0.0000	OK
720 minute winter	J9	375	187.332	0.057	4.8	0.0644	0.0000	OK
720 minute winter	J10	375	187.303	0.033	5.2	0.0369	0.0000	OK
720 minute winter	J11	375	187.167	0.046	5.6	0.0518	0.0000	OK
720 minute winter	J12	375	186.865	0.056	8.0	0.0637	0.0000	OK
720 minute winter	J13	375	186.718	0.091	8.2	0.1025	0.0000	OK
720 minute winter	J14	375	186.708	0.086	8.5	0.0968	0.0000	OK
720 minute winter	J15	375	186.694	0.077	8.8	0.0866	0.0000	OK
720 minute winter	J16	375	186.663	0.058	9.1	0.0654	0.0000	OK
720 minute winter	J17	375	186.322	0.039	9.4	0.0445	0.0000	OK
720 minute winter	J18	600	186.306	0.181	10.8	0.2047	0.0000	OK
720 minute winter	J19	600	186.306	0.279	15.8	0.3160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J5	1.005	J6	3.5	1.052	0.092	0.0190	
720 minute winter	J6	1.006	J7	3.8	1.014	0.133	0.0074	
720 minute winter	J7	1.007	J8	4.2	0.768	0.136	0.0062	
720 minute winter	J8	1.008	J9	4.5	0.778	0.050	0.0493	
720 minute winter	J9	1.009	J10	4.8	0.851	0.143	0.0069	
720 minute winter	J10	1.010	J11	5.2	1.135	0.041	0.0114	
720 minute winter	J11	1.011	S2	5.6	0.606	0.087	0.0506	
720 minute winter	J12	1.013	J13	8.0	1.083	0.119	0.0476	
720 minute winter	J13	1.014	J14	8.2	0.477	0.145	0.0327	
720 minute winter	J14	1.015	J15	8.5	0.555	0.151	0.0294	
720 minute winter	J15	1.016	J16	8.8	0.749	0.165	0.0606	
720 minute winter	J16	1.017	J17	9.1	1.046	0.064	0.0293	
720 minute winter	J17	1.018	S3	9.4	0.943	0.030	0.0408	
720 minute winter	J18	1.020	J19	15.6	0.832	0.055	0.0840	
720 minute winter	J19	1.021	S4	11.2	0.666	0.203	0.3034	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J20	585	186.306	0.275	1.5	0.3115	0.0000	SURCHARGED
720 minute winter	J21	600	186.307	0.297	1.9	0.3365	0.0000	SURCHARGED
720 minute winter	J22	600	186.306	0.343	2.3	0.3882	0.0000	SURCHARGED
720 minute winter	J23	585	186.306	0.364	2.5	0.4119	0.0000	SURCHARGED
720 minute winter	J24	600	186.306	0.489	3.8	0.5533	0.0000	SURCHARGED
720 minute winter	J25	585	186.306	0.510	4.1	0.5771	0.0000	SURCHARGED
720 minute winter	J26	600	186.306	0.527	4.4	0.5961	0.0000	SURCHARGED
720 minute winter	J27	585	186.306	0.570	5.7	0.6448	0.0000	SURCHARGED
720 minute winter	J28	375	186.388	0.032	1.3	0.0365	0.0000	OK
720 minute winter	J29	375	186.308	0.037	1.6	0.0423	0.0000	OK
720 minute winter	J30	375	186.202	0.055	3.3	0.0619	0.0000	OK
720 minute winter	J31	375	186.100	0.056	3.7	0.0630	0.0000	OK
720 minute winter	J32	375	186.065	0.054	4.1	0.0615	0.0000	OK
720 minute winter	J33	375	185.570	0.035	5.6	0.0399	0.0000	OK
720 minute winter	J34	375	185.192	0.067	6.9	0.0754	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J20	23.002	J21	1.5	0.441	0.114	0.0665	
720 minute winter	J21	23.003	J22	1.9	0.467	0.142	0.1411	
720 minute winter	J22	23.004	J23	2.3	0.502	0.168	0.0633	
720 minute winter	J23	23.005	S18	2.5	0.568	0.187	0.1321	
720 minute winter	J24	23.007	J25	3.8	0.434	0.125	0.2458	
720 minute winter	J25	23.008	J26	4.0	0.429	0.133	0.1975	
720 minute winter	J26	23.009	S19	4.3	0.435	0.141	0.1474	
720 minute winter	J27	23.011	S4	9.3	0.590	0.311	0.0951	
720 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0214	
720 minute winter	J29	32.002	S12	1.6	0.619	0.268	0.0120	
720 minute winter	J30	32.004	J31	3.3	0.602	0.252	0.0276	
720 minute winter	J31	32.005	J32	3.7	0.495	0.124	0.0731	
720 minute winter	J32	32.006	S13	4.1	0.726	0.136	0.0302	
720 minute winter	J33	32.008	S14	5.6	0.896	0.054	0.0575	
720 minute winter	J34	32.010	J35	6.9	0.922	0.179	0.0682	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J35	375	185.118	0.043	7.2	0.0487	0.0000	OK
720 minute winter	J36	375	184.946	0.071	7.6	0.0804	0.0000	OK
720 minute winter	J37	375	184.574	0.074	9.0	0.0834	0.0000	OK
720 minute winter	J38	375	184.394	0.094	10.5	0.1066	0.0000	OK
720 minute winter	J39	375	184.361	0.087	10.9	0.0985	0.0000	OK
720 minute winter	J40	375	184.337	0.072	11.2	0.0813	0.0000	OK
720 minute winter	J41	390	184.616	0.019	0.5	0.0220	0.0000	OK
720 minute winter	J42	375	184.563	0.026	0.9	0.0299	0.0000	OK
720 minute winter	J43	375	184.428	0.048	2.3	0.0546	0.0000	OK
720 minute winter	J44	375	184.417	0.047	2.6	0.0526	0.0000	OK
720 minute winter	J45	375	184.372	0.051	2.9	0.0582	0.0000	OK
720 minute winter	J46	375	184.292	0.070	4.3	0.0786	0.0000	OK
720 minute winter	J47	375	184.285	0.078	4.6	0.0881	0.0000	OK
720 minute winter	J48	375	184.272	0.078	6.0	0.0879	0.0000	OK
720 minute winter	J49	375	184.258	0.089	6.4	0.1011	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J35	32.011	J36	7.2	0.909	0.081	0.0551	
720 minute winter	J36	32.012	S15	7.6	0.892	0.252	0.0202	
720 minute winter	J37	32.014	S16	9.0	0.995	0.164	0.0483	
720 minute winter	J38	32.016	J39	10.5	0.586	0.194	0.1940	
720 minute winter	J39	32.017	J40	10.9	0.729	0.199	0.0546	
720 minute winter	J40	32.018	S10	11.2	0.904	0.112	0.1183	
720 minute winter	J41	48.002	J42	0.5	0.365	0.083	0.0084	
720 minute winter	J42	48.003	S21	0.9	0.528	0.145	0.0133	
720 minute winter	J43	48.005	J44	2.3	0.483	0.165	0.0077	
720 minute winter	J44	48.006	J45	2.6	0.521	0.195	0.0438	
720 minute winter	J45	48.007	S22	2.9	0.577	0.213	0.0119	
720 minute winter	J46	48.009	J47	4.3	0.377	0.138	0.0476	
720 minute winter	J47	48.010	S23	4.6	0.362	0.151	0.0332	
720 minute winter	J48	48.012	J49	6.0	0.447	0.201	0.0999	
720 minute winter	J49	48.013	J50	6.4	0.446	0.208	0.0162	

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J50	375	184.251	0.086	6.7	0.0970	0.0000	OK
720 minute winter	J51	375	184.239	0.090	7.0	0.1023	0.0000	OK
720 minute winter	J52	375	184.229	0.085	7.5	0.0959	0.0000	OK
720 minute winter	J53	375	184.208	0.081	7.8	0.0918	0.0000	OK
720 minute winter	J54	390	185.164	0.035	1.4	0.0399	0.0000	OK
720 minute winter	J55	375	185.128	0.034	1.8	0.0385	0.0000	OK
720 minute winter	J56	375	184.108	0.101	11.0	0.1139	0.0000	OK
720 minute winter	J57	375	184.087	0.102	11.3	0.1152	0.0000	OK
720 minute winter	BASIN 1	600	186.306	1.381	17.5	183.6618	0.0000	SURCHARGED
720 minute winter	BASIN 2	600	184.853	0.552	4.2	55.9525	0.0000	OK
720 minute winter	BASIN 3	960	183.474	0.374	14.0	343.7749	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J50	48.014	J51	6.7	0.468	0.226	0.0730	
720 minute winter	J51	48.015	J52	7.0	0.492	0.229	0.0162	
720 minute winter	J52	48.016	J53	7.5	0.566	0.246	0.0647	
720 minute winter	J53	48.017	S24	7.8	0.656	0.259	0.1220	
720 minute winter	J54	65.002	J55	1.4	0.582	0.236	0.0087	
720 minute winter	J55	65.003	S24	1.8	0.771	0.232	0.0180	
720 minute winter	J56	48.019	J57	11.0	0.524	0.202	0.1899	
720 minute winter	J57	48.020	S25	11.2	0.550	0.206	0.1251	
720 minute winter	BASIN 1	1.023	S5	4.1	0.180	0.049	0.9418	
720 minute winter	BASIN 1	Infiltration		0.1				5.4
720 minute winter	BASIN 2	1.027	S7	4.1	0.587	0.049	0.1551	
720 minute winter	BASIN 2	71.000	BH1	1.0	0.530	0.163	0.1829	
720 minute winter	BASIN 2	Infiltration		0.0				0.0
720 minute winter	BASIN 3	1.034	BH2	1.7	0.453	0.014	1.6535	
720 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.93%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	BASIN 4	735	184.010	0.680	13.2	207.3166	0.0000	SURCHARGED
720 minute winter	SWALE 1	465	184.930	0.056	4.1	0.0801	0.0000	OK
720 minute winter	SWALE 2	600	184.431	0.056	4.1	0.0801	0.0000	OK
720 minute winter	SWALE 3	375	184.076	0.081	12.6	0.1157	0.0000	OK
720 minute winter	BH1	600	184.852	0.775	1.0	3.0503	0.0000	OK
720 minute winter	BH2	960	183.474	0.391	1.7	3.5465	0.0000	OK
720 minute winter	BH3	735	184.010	0.691	0.7	4.8313	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	BASIN 4	48.022	BH3	0.7	0.378	0.014	0.3211	
720 minute winter	BASIN 4	Infiltration		0.0				0.0
720 minute winter	SWALE 1	1.025	S6	4.1	0.393	0.049	0.3961	
720 minute winter	SWALE 2	1.029	S8	4.1	0.560	0.049	0.1908	
720 minute winter	SWALE 3	1.033	BASIN 3	12.5	0.732	0.100	0.7409	
720 minute winter	BH1	Infiltration		0.1				4.8
720 minute winter	BH2	Infiltration		0.2				5.1
720 minute winter	BH3	Infiltration		0.2				9.2

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.392	0.022	0.9	0.0320	0.0000	OK
960 minute summer	S2	495	187.126	0.087	8.5	0.1511	0.0000	OK
960 minute summer	S3	720	186.319	0.182	11.7	0.2415	0.0000	OK
960 minute summer	S4	705	186.313	0.935	19.7	1.1986	0.0000	SURCHARGED
960 minute summer	S5	720	186.313	1.403	4.1	2.0074	0.0000	SURCHARGED
960 minute summer	S6	720	184.866	0.058	4.1	0.0832	0.0000	OK
960 minute summer	S7	720	184.789	0.030	4.1	0.0433	0.0000	OK
960 minute summer	S8	720	184.363	0.032	4.1	0.0465	0.0000	OK
960 minute summer	S9	600	184.181	0.056	4.1	0.0801	0.0000	OK
960 minute summer	S10	495	184.172	0.059	14.6	0.1078	0.0000	OK
960 minute summer	S11	495	186.432	0.032	1.2	0.0504	0.0000	OK
960 minute summer	S12	495	186.232	0.056	3.4	0.0833	0.0000	OK
960 minute summer	S13	495	186.031	0.038	5.8	0.0567	0.0000	OK
960 minute summer	S14	495	185.241	0.066	7.7	0.1045	0.0000	OK
960 minute summer	S15	495	184.920	0.053	10.0	0.0830	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S1	1.000	J1	0.9	0.469	0.103	0.0160	
960 minute summer	S2	1.012	J12	8.5	0.661	0.285	0.0193	
960 minute summer	S3	1.019	J18	11.7	0.975	0.219	0.2310	
960 minute summer	S4	1.022	BASIN 1	19.5	0.853	0.117	1.1778	
960 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2110	
960 minute summer	S6	1.026	BASIN 2	4.1	0.468	0.047	0.0601	
960 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1204	
960 minute summer	S8	1.030	S9	4.1	0.607	0.016	0.0886	
960 minute summer	S9	1.031	S10	4.1	0.630	0.049	0.0639	
960 minute summer	S10	1.032	SWALE 3	14.6	0.964	0.044	0.0666	
960 minute summer	S11	32.000	J28	1.2	0.521	0.202	0.0104	
960 minute summer	S12	32.003	J30	3.4	0.545	0.254	0.0316	
960 minute summer	S13	32.007	J33	5.8	1.319	0.059	0.0568	
960 minute summer	S14	32.009	J34	7.7	0.748	0.152	0.0540	
960 minute summer	S15	32.013	J37	10.0	1.473	0.109	0.0635	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.529	0.042	11.8	0.0644	0.0000	OK
960 minute summer	S17	705	186.314	0.164	1.5	0.2608	0.0000	SURCHARGED
960 minute summer	S18	705	186.313	0.489	4.2	0.7232	0.0000	SURCHARGED
960 minute summer	S19	705	186.313	0.547	6.4	0.7882	0.0000	SURCHARGED
960 minute summer	S20	510	184.663	0.021	0.5	0.0240	0.0000	OK
960 minute summer	S21	495	184.452	0.043	2.1	0.0573	0.0000	OK
960 minute summer	S22	495	184.302	0.071	4.3	0.0918	0.0000	OK
960 minute summer	S23	495	184.284	0.086	6.1	0.1104	0.0000	OK
960 minute summer	S24	495	184.127	0.110	11.8	0.1444	0.0000	OK
960 minute summer	S25	495	184.073	0.103	13.3	0.1418	0.0000	OK
960 minute summer	S26	495	185.401	0.024	1.3	0.0354	0.0000	OK
960 minute summer	FC1	510	188.421	0.171	0.4	0.2204	0.0000	SURCHARGED
960 minute summer	FC2	510	188.322	0.172	0.4	0.2214	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S16	32.015	J38	11.8	0.908	0.037	0.0313	
960 minute summer	S17	23.001	J20	1.5	0.620	0.260	0.0560	
960 minute summer	S18	23.006	J24	4.1	0.434	0.129	0.0729	
960 minute summer	S19	23.010	J27	6.4	0.539	0.212	0.3541	
960 minute summer	S20	48.001	J41	0.5	0.465	0.092	0.0055	
960 minute summer	S21	48.004	J43	2.1	0.452	0.159	0.0240	
960 minute summer	S22	48.008	J46	4.3	0.393	0.137	0.0266	
960 minute summer	S23	48.011	J48	6.1	0.453	0.197	0.0151	
960 minute summer	S24	48.018	J56	11.8	0.516	0.220	0.0967	
960 minute summer	S25	48.021	BASIN 4	13.3	0.697	0.249	0.0734	
960 minute summer	S26	65.001	J54	1.3	0.630	0.125	0.0178	
960 minute summer	FC1	2.000	J1	0.4	0.247	0.064	0.0084	
960 minute summer	FC1	Infiltration		0.0				0.0
960 minute summer	FC2	3.000	J2	0.4	0.423	0.067	0.0042	
960 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC3	495	188.517	0.317	0.6	0.4276	0.0000	SURCHARGED
960 minute summer	FC4	525	188.302	0.102	0.3	0.1276	0.0000	SURCHARGED
960 minute summer	FC5	510	188.172	0.172	0.4	0.2215	0.0000	SURCHARGED
960 minute summer	FC6	525	187.951	0.101	0.3	0.1264	0.0000	SURCHARGED
960 minute summer	FC7	525	187.852	0.102	0.3	0.1280	0.0000	SURCHARGED
960 minute summer	FC8	510	187.918	0.168	0.4	0.2167	0.0000	SURCHARGED
960 minute summer	FC9	525	187.574	0.104	0.3	0.1296	0.0000	SURCHARGED
960 minute summer	FC10	495	187.786	0.316	0.6	0.4270	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC3	4.000	J3	0.5	0.486	0.088	0.0106	
960 minute summer	FC3	Infiltration		0.0				0.0
960 minute summer	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
960 minute summer	FC4	Infiltration		0.0				0.0
960 minute summer	FC5	6.000	J5	0.4	0.421	0.067	0.0039	
960 minute summer	FC5	Infiltration		0.0				0.0
960 minute summer	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
960 minute summer	FC6	Infiltration		0.0				0.0
960 minute summer	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
960 minute summer	FC7	Infiltration		0.0				0.0
960 minute summer	FC8	9.000	J8	0.4	0.590	0.041	0.0028	
960 minute summer	FC8	Infiltration		0.0				0.0
960 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
960 minute summer	FC9	Infiltration		0.0				0.0
960 minute summer	FC10	11.000	J10	0.5	0.504	0.083	0.0068	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC11	510	187.491	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC12	510	187.401	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC13	510	187.171	0.171	0.4	0.2212	0.0000	SURCHARGED
960 minute summer	FC14	555	187.000	0.100	0.4	1.2730	0.0000	OK
960 minute summer	FC15	525	187.299	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC16	525	187.003	0.103	0.3	0.1290	0.0000	SURCHARGED
960 minute summer	FC17	525	187.099	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC10	Infiltration		0.0				0.0
960 minute summer	FC11	12.000	J11	0.4	0.424	0.067	0.0072	
960 minute summer	FC11	Infiltration		0.0				0.0
960 minute summer	FC12	13.000	S2	0.4	0.424	0.067	0.0064	
960 minute summer	FC12	Infiltration		0.0				0.0
960 minute summer	FC13	14.000	J12	0.4	0.425	0.067	0.0064	
960 minute summer	FC13	Infiltration		0.0				0.0
960 minute summer	FC14	15.000	J13	0.3	0.391	0.050	0.0057	
960 minute summer	FC14	Infiltration		0.0				0.0
960 minute summer	FC15	16.000	J14	0.3	0.826	0.017	0.0017	
960 minute summer	FC15	Infiltration		0.0				0.0
960 minute summer	FC16	17.000	J15	0.3	0.410	0.047	0.0056	
960 minute summer	FC16	Infiltration		0.0				0.0
960 minute summer	FC17	18.000	J16	0.3	0.648	0.024	0.0022	
960 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC18	525	186.654	0.104	0.3	0.1297	0.0000	SURCHARGED
960 minute summer	FC19	510	186.571	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC20	510	187.115	0.165	0.4	0.2129	0.0000	SURCHARGED
960 minute summer	FC21	510	186.471	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC22	525	186.527	0.076	0.3	0.7405	0.0000	OK
960 minute summer	FC23	525	186.399	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC24	510	186.466	0.166	0.4	0.2137	0.0000	SURCHARGED
960 minute summer	FC25	510	186.715	0.165	0.4	0.2129	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054	
960 minute summer	FC18	Infiltration		0.0				0.0
960 minute summer	FC19	20.000	S3	0.4	0.423	0.067	0.0062	
960 minute summer	FC19	Infiltration		0.0				0.0
960 minute summer	FC20	21.000	J18	0.4	0.849	0.025	0.0020	
960 minute summer	FC20	Infiltration		0.0				0.0
960 minute summer	FC21	22.000	J19	0.4	0.424	0.067	0.0301	
960 minute summer	FC21	Infiltration		0.0				0.0
960 minute summer	FC22	23.000	S17	0.3	0.259	0.017	0.0194	
960 minute summer	FC22	Infiltration		0.0				0.0
960 minute summer	FC23	24.000	J20	0.3	0.686	0.023	0.0194	
960 minute summer	FC23	Infiltration		0.0				0.0
960 minute summer	FC24	25.000	J21	0.4	0.767	0.029	0.0197	
960 minute summer	FC24	Infiltration		0.0				0.0
960 minute summer	FC25	26.000	J22	0.4	0.842	0.025	0.0170	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC26	525	186.526	0.076	0.3	0.7608	0.0000	OK
960 minute summer	FC27	525	186.599	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC28	510	186.665	0.165	0.4	0.2129	0.0000	SURCHARGED
960 minute summer	FC29	510	186.665	0.165	0.4	0.2131	0.0000	SURCHARGED
960 minute summer	FC30	510	186.915	0.165	0.4	0.2134	0.0000	SURCHARGED
960 minute summer	FC31	525	186.551	0.101	0.3	0.1259	0.0000	SURCHARGED
960 minute summer	FC32	525	186.549	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC25	Infiltration		0.0				0.0
960 minute summer	FC26	27.000	J23	0.3	0.654	0.019	0.0166	
960 minute summer	FC26	Infiltration		0.0				0.0
960 minute summer	FC27	28.000	J24	0.3	0.960	0.014	0.0182	
960 minute summer	FC27	Infiltration		0.0				0.0
960 minute summer	FC28	29.000	J25	0.4	0.847	0.025	0.0174	
960 minute summer	FC28	Infiltration		0.0				0.0
960 minute summer	FC29	30.000	J26	0.4	0.824	0.026	0.0189	
960 minute summer	FC29	Infiltration		0.0				0.0
960 minute summer	FC30	31.000	J27	0.4	0.791	0.027	0.0022	
960 minute summer	FC30	Infiltration		0.0				0.0
960 minute summer	FC31	33.000	J28	0.3	0.238	0.033	0.0064	
960 minute summer	FC31	Infiltration		0.0				0.0
960 minute summer	FC32	34.000	J29	0.3	0.213	0.024	0.0070	
960 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC33	510	186.616	0.165	0.4	0.2136	0.0000	SURCHARGED
960 minute summer	FC34	510	186.621	0.171	0.4	0.2209	0.0000	SURCHARGED
960 minute summer	FC35	510	186.615	0.165	0.4	0.2135	0.0000	SURCHARGED
960 minute summer	FC36	510	186.615	0.165	0.4	0.2131	0.0000	SURCHARGED
960 minute summer	FC37	495	186.114	0.314	0.6	0.4237	0.0000	SURCHARGED
960 minute summer	FC38	540	185.521	0.071	0.3	0.8550	0.0000	OK
960 minute summer	FC39	525	185.549	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC40	510	185.665	0.165	0.4	0.2128	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC33	35.000	S12	0.4	0.777	0.028	0.0021	
960 minute summer	FC33	Infiltration		0.0				0.0
960 minute summer	FC34	36.000	J30	0.4	0.435	0.064	0.0043	
960 minute summer	FC34	Infiltration		0.0				0.0
960 minute summer	FC35	37.000	J31	0.4	0.782	0.028	0.0026	
960 minute summer	FC35	Infiltration		0.0				0.0
960 minute summer	FC36	38.000	J32	0.4	0.820	0.026	0.0024	
960 minute summer	FC36	Infiltration		0.0				0.0
960 minute summer	FC37	39.000	J33	0.5	0.619	0.062	0.0058	
960 minute summer	FC37	Infiltration		0.0				0.0
960 minute summer	FC38	40.000	J34	0.2	0.622	0.020	0.0019	
960 minute summer	FC38	Infiltration		0.0				0.0
960 minute summer	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
960 minute summer	FC39	Infiltration		0.0				0.0
960 minute summer	FC40	42.000	J36	0.4	0.963	0.021	0.0021	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC41	510	185.017	0.167	0.4	0.2158	0.0000	SURCHARGED
960 minute summer	FC42	510	184.769	0.169	0.4	0.2176	0.0000	SURCHARGED
960 minute summer	FC43	510	184.767	0.167	0.4	0.2160	0.0000	SURCHARGED
960 minute summer	FC44	465	184.612	0.012	0.3	0.0148	0.0000	OK
960 minute summer	FC45	525	184.699	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC46	495	185.017	0.317	0.6	0.4284	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.965	0.165	0.4	0.2134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC40	Infiltration		0.0				0.0
960 minute summer	FC41	43.000	J37	0.4	0.632	0.038	0.0032	
960 minute summer	FC41	Infiltration		0.0				0.0
960 minute summer	FC42	44.000	J38	0.4	0.551	0.046	0.0036	
960 minute summer	FC42	Infiltration		0.0				0.0
960 minute summer	FC43	45.000	J39	0.4	0.625	0.038	0.0027	
960 minute summer	FC43	Infiltration		0.0				0.0
960 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
960 minute summer	FC44	Infiltration		0.0				0.0
960 minute summer	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
960 minute summer	FC45	Infiltration		0.0				0.0
960 minute summer	FC46	48.000	S20	0.5	0.457	0.093	0.0072	
960 minute summer	FC46	Infiltration		0.0				0.0
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0031	
960 minute summer	FC48	50.000	J42	0.4	0.363	0.028	0.0057	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC49	510	184.972	0.172	0.4	0.2215	0.0000	SURCHARGED
960 minute summer	FC50	510	184.972	0.172	0.4	0.2214	0.0000	SURCHARGED
960 minute summer	FC51	510	185.021	0.171	0.4	0.2213	0.0000	SURCHARGED
960 minute summer	FC52	510	185.417	0.167	0.4	0.2162	0.0000	SURCHARGED
960 minute summer	FC53	510	185.418	0.168	0.4	0.2169	0.0000	SURCHARGED
960 minute summer	FC54	525	185.350	0.100	0.3	0.1249	0.0000	OK
960 minute summer	FC55	525	185.349	0.099	0.3	0.1240	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC48	Infiltration		0.0				0.0
960 minute summer	FC49	51.000	S21	0.4	0.422	0.067	0.0041	
960 minute summer	FC49	Infiltration		0.0				0.0
960 minute summer	FC50	52.000	J43	0.4	0.422	0.067	0.0044	
960 minute summer	FC50	Infiltration		0.0				0.0
960 minute summer	FC51	55.000	S22	0.4	0.423	0.067	0.0057	
960 minute summer	FC51	Infiltration		0.0				0.0
960 minute summer	FC52	58.000	S23	0.4	0.614	0.039	0.0035	
960 minute summer	FC52	Infiltration		0.0				0.0
960 minute summer	FC53	61.000	J50	0.4	0.578	0.043	0.0029	
960 minute summer	FC53	Infiltration		0.0				0.0
960 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
960 minute summer	FC54	Infiltration		0.0				0.0
960 minute summer	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
960 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC56	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC57	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC58	525	185.449	0.099	0.3	0.1240	0.0000	OK
960 minute summer	FC59	525	185.449	0.099	0.3	0.1241	0.0000	OK
960 minute summer	FC60	510	185.516	0.166	0.4	0.2148	0.0000	SURCHARGED
960 minute summer	FC61	510	185.468	0.168	0.4	0.2174	0.0000	SURCHARGED
960 minute summer	FC62	495	185.565	0.315	0.6	0.4252	0.0000	SURCHARGED
960 minute summer	FC63	525	185.503	0.103	0.3	0.1294	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
960 minute summer	FC56	Infiltration		0.0				0.0
960 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
960 minute summer	FC57	Infiltration		0.0				0.0
960 minute summer	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
960 minute summer	FC58	Infiltration		0.0				0.0
960 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
960 minute summer	FC59	Infiltration		0.0				0.0
960 minute summer	FC60	59.000	J48	0.4	0.689	0.033	0.0038	
960 minute summer	FC60	Infiltration		0.0				0.0
960 minute summer	FC61	60.000	J49	0.4	0.554	0.046	0.0053	
960 minute summer	FC61	Infiltration		0.0				0.0
960 minute summer	FC62	63.000	J52	0.5	0.561	0.072	0.0092	
960 minute summer	FC62	Infiltration		0.0				0.0
960 minute summer	FC63	65.000	S26	0.3	0.297	0.051	0.0026	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC64	510	185.254	0.104	0.3	0.1302	0.0000	SURCHARGED
960 minute summer	FC65	510	185.317	0.167	0.4	0.2162	0.0000	SURCHARGED
960 minute summer	FC66	510	185.170	0.170	0.4	0.2199	0.0000	SURCHARGED
960 minute summer	FC67	525	184.877	0.077	0.3	0.7916	0.0000	OK
960 minute summer	FC68	525	184.651	0.101	0.3	0.1265	0.0000	SURCHARGED
960 minute summer	J1	495	188.237	0.037	2.2	0.0548	0.0000	OK
960 minute summer	J2	495	188.110	0.054	2.6	0.0607	0.0000	OK
960 minute summer	J3	495	188.100	0.050	3.1	0.0563	0.0000	OK
960 minute summer	J4	495	188.074	0.035	3.4	0.0395	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC63	Infiltration		0.0				0.0
960 minute summer	FC64	66.000	J54	0.3	0.193	0.051	0.0039	
960 minute summer	FC64	Infiltration		0.0				0.0
960 minute summer	FC65	67.000	J55	0.4	0.276	0.041	0.0035	
960 minute summer	FC65	Infiltration		0.0				0.0
960 minute summer	FC66	68.000	S24	0.4	0.475	0.055	0.0018	
960 minute summer	FC66	Infiltration		0.0				0.0
960 minute summer	FC67	69.000	J56	0.3	0.364	0.043	0.0015	
960 minute summer	FC67	Infiltration		0.0				0.0
960 minute summer	FC68	70.000	J57	0.3	0.515	0.033	0.0013	
960 minute summer	FC68	Infiltration		0.0				0.0
960 minute summer	J1	1.001	J2	2.2	0.858	0.264	0.0128	
960 minute summer	J2	1.002	J3	2.6	0.481	0.192	0.0056	
960 minute summer	J3	1.003	J4	3.1	0.767	0.235	0.0080	
960 minute summer	J4	1.004	J5	3.4	1.172	0.100	0.0103	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J5	495	187.942	0.032	3.8	0.0362	0.0000	OK
960 minute summer	J6	495	187.695	0.045	4.1	0.0505	0.0000	OK
960 minute summer	J7	495	187.581	0.056	4.4	0.0628	0.0000	OK
960 minute summer	J8	495	187.556	0.035	4.6	0.0401	0.0000	OK
960 minute summer	J9	495	187.334	0.059	5.1	0.0667	0.0000	OK
960 minute summer	J10	495	187.304	0.034	5.6	0.0386	0.0000	OK
960 minute summer	J11	495	187.168	0.047	6.0	0.0532	0.0000	OK
960 minute summer	J12	495	186.869	0.060	8.9	0.0678	0.0000	OK
960 minute summer	J13	495	186.723	0.096	9.2	0.1085	0.0000	OK
960 minute summer	J14	495	186.712	0.090	9.5	0.1022	0.0000	OK
960 minute summer	J15	495	186.698	0.081	9.8	0.0911	0.0000	OK
960 minute summer	J16	495	186.666	0.061	10.1	0.0691	0.0000	OK
960 minute summer	J17	495	186.325	0.042	10.4	0.0473	0.0000	OK
960 minute summer	J18	705	186.313	0.188	12.0	0.2124	0.0000	OK
960 minute summer	J19	720	186.314	0.287	12.4	0.3250	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J5	1.005	J6	3.8	1.076	0.100	0.0203	
960 minute summer	J6	1.006	J7	4.1	1.034	0.145	0.0078	
960 minute summer	J7	1.007	J8	4.3	0.760	0.139	0.0065	
960 minute summer	J8	1.008	J9	4.8	0.797	0.054	0.0519	
960 minute summer	J9	1.009	J10	5.1	0.863	0.153	0.0072	
960 minute summer	J10	1.010	J11	5.6	1.164	0.044	0.0120	
960 minute summer	J11	1.011	S2	6.0	0.610	0.094	0.0543	
960 minute summer	J12	1.013	J13	8.9	1.115	0.133	0.0517	
960 minute summer	J13	1.014	J14	9.2	0.493	0.162	0.0353	
960 minute summer	J14	1.015	J15	9.5	0.574	0.168	0.0317	
960 minute summer	J15	1.016	J16	9.8	0.771	0.183	0.0653	
960 minute summer	J16	1.017	J17	10.1	1.073	0.071	0.0316	
960 minute summer	J17	1.018	S3	10.4	0.959	0.033	0.0443	
960 minute summer	J18	1.020	J19	12.0	0.849	0.042	0.0862	
960 minute summer	J19	1.021	S4	12.4	0.687	0.226	0.3070	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J20	705	186.314	0.283	1.8	0.3198	0.0000	SURCHARGED
960 minute summer	J21	705	186.314	0.305	2.2	0.3445	0.0000	SURCHARGED
960 minute summer	J22	705	186.314	0.351	2.6	0.3964	0.0000	SURCHARGED
960 minute summer	J23	705	186.314	0.372	2.9	0.4202	0.0000	SURCHARGED
960 minute summer	J24	705	186.313	0.496	4.4	0.5613	0.0000	SURCHARGED
960 minute summer	J25	720	186.314	0.518	4.7	0.5861	0.0000	SURCHARGED
960 minute summer	J26	705	186.313	0.534	5.1	0.6043	0.0000	SURCHARGED
960 minute summer	J27	720	186.316	0.580	6.7	0.6561	0.0000	SURCHARGED
960 minute summer	J28	495	186.391	0.035	1.5	0.0396	0.0000	OK
960 minute summer	J29	495	186.311	0.040	1.8	0.0453	0.0000	OK
960 minute summer	J30	495	186.206	0.059	3.8	0.0664	0.0000	OK
960 minute summer	J31	495	186.103	0.059	4.2	0.0669	0.0000	OK
960 minute summer	J32	495	186.068	0.057	4.6	0.0648	0.0000	OK
960 minute summer	J33	495	185.573	0.037	6.3	0.0424	0.0000	OK
960 minute summer	J34	495	185.197	0.072	7.9	0.0810	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J20	23.002	J21	1.8	0.462	0.136	0.0665	
960 minute summer	J21	23.003	J22	2.2	0.487	0.166	0.1411	
960 minute summer	J22	23.004	J23	2.6	0.520	0.194	0.0633	
960 minute summer	J23	23.005	S18	2.9	0.588	0.213	0.1321	
960 minute summer	J24	23.007	J25	4.3	0.448	0.145	0.2458	
960 minute summer	J25	23.008	J26	4.7	0.441	0.156	0.1975	
960 minute summer	J26	23.009	S19	5.1	0.445	0.166	0.1474	
960 minute summer	J27	23.011	S4	6.7	0.620	0.225	0.0951	
960 minute summer	J28	32.001	J29	1.5	0.559	0.253	0.0237	
960 minute summer	J29	32.002	S12	1.8	0.639	0.303	0.0131	
960 minute summer	J30	32.004	J31	3.8	0.622	0.285	0.0302	
960 minute summer	J31	32.005	J32	4.2	0.513	0.139	0.0792	
960 minute summer	J32	32.006	S13	4.6	0.746	0.151	0.0327	
960 minute summer	J33	32.008	S14	6.3	0.913	0.061	0.0640	
960 minute summer	J34	32.010	J35	7.9	0.960	0.206	0.0753	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J35	495	185.121	0.046	8.2	0.0523	0.0000	OK
960 minute summer	J36	495	184.951	0.076	8.6	0.0861	0.0000	OK
960 minute summer	J37	495	184.579	0.079	10.4	0.0893	0.0000	OK
960 minute summer	J38	495	184.402	0.102	12.2	0.1154	0.0000	OK
960 minute summer	J39	495	184.368	0.094	12.6	0.1062	0.0000	OK
960 minute summer	J40	495	184.343	0.078	12.9	0.0877	0.0000	OK
960 minute summer	J41	510	184.618	0.021	0.5	0.0233	0.0000	OK
960 minute summer	J42	510	184.565	0.028	0.9	0.0315	0.0000	OK
960 minute summer	J43	495	184.431	0.051	2.5	0.0573	0.0000	OK
960 minute summer	J44	495	184.419	0.049	2.8	0.0550	0.0000	OK
960 minute summer	J45	495	184.374	0.054	3.1	0.0606	0.0000	OK
960 minute summer	J46	495	184.295	0.073	4.6	0.0829	0.0000	OK
960 minute summer	J47	495	184.289	0.082	4.9	0.0925	0.0000	OK
960 minute summer	J48	495	184.276	0.082	6.5	0.0923	0.0000	OK
960 minute summer	J49	495	184.263	0.093	6.9	0.1057	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J35	32.011	J36	8.2	0.945	0.092	0.0606	
960 minute summer	J36	32.012	S15	8.6	0.920	0.287	0.0224	
960 minute summer	J37	32.014	S16	10.4	1.026	0.189	0.0539	
960 minute summer	J38	32.016	J39	12.2	0.611	0.226	0.2159	
960 minute summer	J39	32.017	J40	12.6	0.759	0.230	0.0607	
960 minute summer	J40	32.018	S10	12.9	0.939	0.129	0.1313	
960 minute summer	J41	48.002	J42	0.6	0.378	0.093	0.0091	
960 minute summer	J42	48.003	S21	0.9	0.543	0.161	0.0143	
960 minute summer	J43	48.005	J44	2.5	0.494	0.180	0.0082	
960 minute summer	J44	48.006	J45	2.8	0.532	0.211	0.0464	
960 minute summer	J45	48.007	S22	3.1	0.588	0.229	0.0126	
960 minute summer	J46	48.009	J47	4.6	0.379	0.149	0.0510	
960 minute summer	J47	48.010	S23	4.9	0.364	0.162	0.0355	
960 minute summer	J48	48.012	J49	6.5	0.453	0.216	0.1064	
960 minute summer	J49	48.013	J50	6.9	0.452	0.224	0.0172	

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J50	495	184.255	0.090	7.2	0.1014	0.0000	OK
960 minute summer	J51	495	184.242	0.094	7.5	0.1066	0.0000	OK
960 minute summer	J52	495	184.232	0.088	8.1	0.1000	0.0000	OK
960 minute summer	J53	495	184.211	0.084	8.4	0.0955	0.0000	OK
960 minute summer	J54	495	185.167	0.038	1.6	0.0430	0.0000	OK
960 minute summer	J55	495	185.130	0.036	2.0	0.0411	0.0000	OK
960 minute summer	J56	495	184.113	0.106	12.0	0.1199	0.0000	OK
960 minute summer	J57	495	184.092	0.107	12.3	0.1211	0.0000	OK
960 minute summer	BASIN 1	720	186.313	1.388	20.1	184.9160	0.0000	SURCHARGED
960 minute summer	BASIN 2	720	184.853	0.553	4.2	55.9604	0.0000	OK
960 minute summer	BASIN 3	1200	183.575	0.474	16.5	387.8001	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J50	48.014	J51	7.2	0.475	0.242	0.0773	
960 minute summer	J51	48.015	J52	7.5	0.499	0.246	0.0171	
960 minute summer	J52	48.016	J53	8.1	0.577	0.265	0.0683	
960 minute summer	J53	48.017	S24	8.4	0.670	0.278	0.1284	
960 minute summer	J54	65.002	J55	1.6	0.604	0.270	0.0096	
960 minute summer	J55	65.003	S24	2.0	0.796	0.261	0.0196	
960 minute summer	J56	48.019	J57	12.0	0.535	0.221	0.2036	
960 minute summer	J57	48.020	S25	12.3	0.561	0.225	0.1340	
960 minute summer	BASIN 1	1.023	S5	4.1	0.114	0.049	0.9418	
960 minute summer	BASIN 1	Infiltration		0.1				6.4
960 minute summer	BASIN 2	1.027	S7	4.1	0.587	0.049	0.1553	
960 minute summer	BASIN 2	71.000	BH1	0.8	0.518	0.137	0.1829	
960 minute summer	BASIN 2	Infiltration		0.0				0.0
960 minute summer	BASIN 3	1.034	BH2	3.0	0.474	0.024	1.8265	
960 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	BASIN 4	990	184.049	0.719	14.9	220.3262	0.0000	SURCHARGED
960 minute summer	SWALE 1	720	184.930	0.056	4.1	0.0800	0.0000	OK
960 minute summer	SWALE 2	720	184.431	0.056	4.1	0.0802	0.0000	OK
960 minute summer	SWALE 3	495	184.082	0.087	14.6	0.1249	0.0000	OK
960 minute summer	BH1	720	184.853	0.775	0.8	3.0505	0.0000	OK
960 minute summer	BH2	1200	183.575	0.491	3.0	4.0470	0.0000	OK
960 minute summer	BH3	990	184.049	0.730	0.4	5.0137	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	BASIN 4	48.022	BH3	0.4	0.297	0.008	0.3211	
960 minute summer	BASIN 4	Infiltration		0.0				0.0
960 minute summer	SWALE 1	1.025	S6	4.1	0.391	0.049	0.3968	
960 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1911	
960 minute summer	SWALE 3	1.033	BASIN 3	14.6	0.763	0.117	0.8248	
960 minute summer	BH1	Infiltration		0.1				6.1
960 minute summer	BH2	Infiltration		0.2				6.7
960 minute summer	BH3	Infiltration		0.2				11.5

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	450	188.388	0.018	0.6	0.0262	0.0000	OK
960 minute winter	S2	495	187.112	0.072	6.0	0.1254	0.0000	OK
960 minute winter	S3	780	186.312	0.175	8.2	0.2329	0.0000	OK
960 minute winter	S4	735	186.316	0.937	13.9	1.2019	0.0000	SURCHARGED
960 minute winter	S5	750	186.316	1.406	4.1	2.0114	0.0000	SURCHARGED
960 minute winter	S6	750	184.866	0.058	4.1	0.0833	0.0000	OK
960 minute winter	S7	750	184.789	0.030	4.1	0.0434	0.0000	OK
960 minute winter	S8	750	184.363	0.033	4.1	0.0465	0.0000	OK
960 minute winter	S9	615	184.182	0.057	4.1	0.0809	0.0000	OK
960 minute winter	S10	555	184.167	0.054	12.3	0.0975	0.0000	OK
960 minute winter	S11	465	186.426	0.026	0.8	0.0404	0.0000	OK
960 minute winter	S12	525	186.221	0.045	2.3	0.0668	0.0000	OK
960 minute winter	S13	525	186.025	0.032	4.0	0.0473	0.0000	OK
960 minute winter	S14	525	185.229	0.054	5.3	0.0847	0.0000	OK
960 minute winter	S15	525	184.910	0.043	6.9	0.0682	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S1	1.000	J1	0.6	0.423	0.069	0.0121	
960 minute winter	S2	1.012	J12	6.0	0.599	0.201	0.0150	
960 minute winter	S3	1.019	J18	8.2	0.924	0.154	0.2303	
960 minute winter	S4	1.022	BASIN 1	13.8	0.874	0.082	1.1778	
960 minute winter	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2112	
960 minute winter	S6	1.026	BASIN 2	4.1	0.458	0.047	0.0601	
960 minute winter	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1205	
960 minute winter	S8	1.030	S9	4.1	0.606	0.016	0.0897	
960 minute winter	S9	1.031	S10	4.1	0.636	0.049	0.0652	
960 minute winter	S10	1.032	SWALE 3	12.3	0.929	0.037	0.0584	
960 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077	
960 minute winter	S12	32.003	J30	2.3	0.496	0.172	0.0236	
960 minute winter	S13	32.007	J33	4.0	1.187	0.041	0.0438	
960 minute winter	S14	32.009	J34	5.3	0.678	0.104	0.0410	
960 minute winter	S15	32.013	J37	6.9	1.330	0.075	0.0484	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	525	184.520	0.033	8.1	0.0508	0.0000	OK
960 minute winter	S17	735	186.317	0.167	1.0	0.2654	0.0000	SURCHARGED
960 minute winter	S18	735	186.316	0.492	2.8	0.7278	0.0000	SURCHARGED
960 minute winter	S19	735	186.317	0.551	5.2	0.7935	0.0000	SURCHARGED
960 minute winter	S20	540	184.660	0.018	0.4	0.0204	0.0000	OK
960 minute winter	S21	495	184.446	0.037	1.6	0.0488	0.0000	OK
960 minute winter	S22	495	184.289	0.058	3.2	0.0752	0.0000	OK
960 minute winter	S23	495	184.269	0.071	4.5	0.0917	0.0000	OK
960 minute winter	S24	495	184.109	0.092	8.6	0.1207	0.0000	OK
960 minute winter	S25	960	184.070	0.100	9.7	0.1385	0.0000	OK
960 minute winter	S26	495	185.397	0.020	0.9	0.0295	0.0000	OK
960 minute winter	FC1	540	188.353	0.103	0.3	0.1331	0.0000	SURCHARGED
960 minute winter	FC2	540	188.254	0.104	0.3	0.1340	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S16	32.015	J38	8.1	0.839	0.025	0.0234	
960 minute winter	S17	23.001	J20	1.0	0.552	0.168	0.0560	
960 minute winter	S18	23.006	J24	2.8	0.403	0.087	0.0729	
960 minute winter	S19	23.010	J27	4.3	0.489	0.145	0.3541	
960 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044	
960 minute winter	S21	48.004	J43	1.6	0.426	0.120	0.0192	
960 minute winter	S22	48.008	J46	3.2	0.388	0.102	0.0200	
960 minute winter	S23	48.011	J48	4.5	0.434	0.146	0.0116	
960 minute winter	S24	48.018	J56	8.6	0.482	0.161	0.0756	
960 minute winter	S25	48.021	BASIN 4	9.7	0.638	0.182	0.0841	
960 minute winter	S26	65.001	J54	0.9	0.574	0.087	0.0135	
960 minute winter	FC1	2.000	J1	0.3	0.226	0.048	0.0065	
960 minute winter	FC1	Infiltration		0.0				0.0
960 minute winter	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
960 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC3	540	188.374	0.174	0.4	0.2351	0.0000	SURCHARGED
960 minute winter	FC4	525	188.251	0.051	0.2	0.0633	0.0000	OK
960 minute winter	FC5	540	188.104	0.104	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC6	525	187.900	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC7	540	187.801	0.051	0.2	0.0637	0.0000	OK
960 minute winter	FC8	540	187.851	0.101	0.3	0.1299	0.0000	SURCHARGED
960 minute winter	FC9	555	187.522	0.052	0.2	0.0650	0.0000	OK
960 minute winter	FC10	540	187.644	0.174	0.4	0.2345	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC3	4.000	J3	0.4	0.443	0.064	0.0085	
960 minute winter	FC3	Infiltration		0.0				0.0
960 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
960 minute winter	FC4	Infiltration		0.0				0.0
960 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
960 minute winter	FC5	Infiltration		0.0				0.0
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
960 minute winter	FC6	Infiltration		0.0				0.0
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
960 minute winter	FC7	Infiltration		0.0				0.0
960 minute winter	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
960 minute winter	FC8	Infiltration		0.0				0.0
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
960 minute winter	FC9	Infiltration		0.0				0.0
960 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC11	540	187.424	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC12	540	187.334	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC13	540	187.104	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC14	540	186.981	0.080	0.3	1.0261	0.0000	OK
960 minute winter	FC15	525	187.250	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC16	540	186.952	0.052	0.2	0.0645	0.0000	OK
960 minute winter	FC17	525	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC10	Infiltration		0.0				0.0
960 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
960 minute winter	FC11	Infiltration		0.0				0.0
960 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
960 minute winter	FC12	Infiltration		0.0				0.0
960 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
960 minute winter	FC13	Infiltration		0.0				0.0
960 minute winter	FC14	15.000	J13	0.3	0.376	0.044	0.0052	
960 minute winter	FC14	Infiltration		0.0				0.0
960 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
960 minute winter	FC15	Infiltration		0.0				0.0
960 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
960 minute winter	FC16	Infiltration		0.0				0.0
960 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
960 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC18	540	186.602	0.052	0.2	0.0650	0.0000	OK
960 minute winter	FC19	540	186.504	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC20	540	187.049	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC21	540	186.404	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC22	585	186.499	0.049	0.2	0.4765	0.0000	OK
960 minute winter	FC23	525	186.350	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC24	540	186.399	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC25	540	186.649	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
960 minute winter	FC18	Infiltration		0.0				0.0
960 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
960 minute winter	FC19	Infiltration		0.0				0.0
960 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
960 minute winter	FC20	Infiltration		0.0				0.0
960 minute winter	FC21	22.000	J19	0.3	0.392	0.051	0.0318	
960 minute winter	FC21	Infiltration		0.0				0.0
960 minute winter	FC22	23.000	S17	0.2	0.221	0.013	0.0192	
960 minute winter	FC22	Infiltration		0.0				0.0
960 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0199	
960 minute winter	FC23	Infiltration		0.0				0.0
960 minute winter	FC24	25.000	J21	0.3	0.706	0.022	0.0201	
960 minute winter	FC24	Infiltration		0.0				0.0
960 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0174	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC26	585	186.499	0.049	0.2	0.4944	0.0000	OK
960 minute winter	FC27	525	186.550	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC28	540	186.599	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC29	540	186.599	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC30	540	186.849	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC31	525	186.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC32	525	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC25	Infiltration		0.0				0.0
960 minute winter	FC26	27.000	J23	0.2	0.606	0.015	0.0170	
960 minute winter	FC26	Infiltration		0.0				0.0
960 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0181	
960 minute winter	FC27	Infiltration		0.0				0.0
960 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0174	
960 minute winter	FC28	Infiltration		0.0				0.0
960 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0189	
960 minute winter	FC29	Infiltration		0.0				0.0
960 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0018	
960 minute winter	FC30	Infiltration		0.0				0.0
960 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0047	
960 minute winter	FC31	Infiltration		0.0				0.0
960 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0052	
960 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC33	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC34	540	186.554	0.103	0.3	0.1336	0.0000	SURCHARGED
960 minute winter	FC35	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC36	540	186.549	0.099	0.3	0.1280	0.0000	OK
960 minute winter	FC37	540	185.971	0.171	0.4	0.2315	0.0000	SURCHARGED
960 minute winter	FC38	585	185.498	0.048	0.2	0.5804	0.0000	OK
960 minute winter	FC39	525	185.500	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC40	540	185.599	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
960 minute winter	FC33	Infiltration		0.0				0.0
960 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
960 minute winter	FC34	Infiltration		0.0				0.0
960 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
960 minute winter	FC35	Infiltration		0.0				0.0
960 minute winter	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
960 minute winter	FC36	Infiltration		0.0				0.0
960 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0047	
960 minute winter	FC37	Infiltration		0.0				0.0
960 minute winter	FC38	40.000	J34	0.2	0.581	0.016	0.0016	
960 minute winter	FC38	Infiltration		0.0				0.0
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
960 minute winter	FC39	Infiltration		0.0				0.0
960 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC41	540	184.950	0.100	0.3	0.1291	0.0000	SURCHARGED
960 minute winter	FC42	540	184.701	0.101	0.3	0.1306	0.0000	SURCHARGED
960 minute winter	FC43	540	184.700	0.100	0.3	0.1293	0.0000	SURCHARGED
960 minute winter	FC44	405	184.610	0.010	0.2	0.0122	0.0000	OK
960 minute winter	FC45	525	184.650	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC46	540	184.875	0.174	0.4	0.2357	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	540	184.899	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC40	Infiltration		0.0				0.0
960 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
960 minute winter	FC41	Infiltration		0.0				0.0
960 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
960 minute winter	FC42	Infiltration		0.0				0.0
960 minute winter	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
960 minute winter	FC43	Infiltration		0.0				0.0
960 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
960 minute winter	FC44	Infiltration		0.0				0.0
960 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
960 minute winter	FC45	Infiltration		0.0				0.0
960 minute winter	FC46	48.000	S20	0.4	0.419	0.067	0.0057	
960 minute winter	FC46	Infiltration		0.0				0.0
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024	
960 minute winter	FC48	50.000	J42	0.3	0.341	0.021	0.0046	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC49	540	184.904	0.104	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC50	540	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
960 minute winter	FC51	540	184.954	0.104	0.3	0.1339	0.0000	SURCHARGED
960 minute winter	FC52	540	185.350	0.100	0.3	0.1294	0.0000	SURCHARGED
960 minute winter	FC53	540	185.351	0.101	0.3	0.1301	0.0000	SURCHARGED
960 minute winter	FC54	525	185.300	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC55	525	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC48	Infiltration		0.0				0.0
960 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
960 minute winter	FC49	Infiltration		0.0				0.0
960 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
960 minute winter	FC50	Infiltration		0.0				0.0
960 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
960 minute winter	FC51	Infiltration		0.0				0.0
960 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
960 minute winter	FC52	Infiltration		0.0				0.0
960 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
960 minute winter	FC53	Infiltration		0.0				0.0
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
960 minute winter	FC54	Infiltration		0.0				0.0
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
960 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC56	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC57	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC58	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC59	525	185.400	0.050	0.2	0.0628	0.0000	OK
960 minute winter	FC60	540	185.449	0.099	0.3	0.1282	0.0000	OK
960 minute winter	FC61	540	185.401	0.101	0.3	0.1305	0.0000	SURCHARGED
960 minute winter	FC62	540	185.422	0.172	0.4	0.2328	0.0000	SURCHARGED
960 minute winter	FC63	540	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
960 minute winter	FC56	Infiltration		0.0				0.0
960 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
960 minute winter	FC57	Infiltration		0.0				0.0
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
960 minute winter	FC58	Infiltration		0.0				0.0
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
960 minute winter	FC59	Infiltration		0.0				0.0
960 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
960 minute winter	FC60	Infiltration		0.0				0.0
960 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
960 minute winter	FC61	Infiltration		0.0				0.0
960 minute winter	FC62	63.000	J52	0.4	0.512	0.052	0.0073	
960 minute winter	FC62	Infiltration		0.0				0.0
960 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0020	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC64	540	185.202	0.052	0.2	0.0648	0.0000	OK
960 minute winter	FC65	540	185.250	0.100	0.3	0.1294	0.0000	SURCHARGED
960 minute winter	FC66	540	185.103	0.103	0.3	0.1326	0.0000	SURCHARGED
960 minute winter	FC67	585	184.851	0.051	0.2	0.5212	0.0000	OK
960 minute winter	FC68	525	184.600	0.050	0.2	0.0628	0.0000	OK
960 minute winter	J1	540	188.230	0.030	1.5	0.0445	0.0000	OK
960 minute winter	J2	540	188.100	0.044	1.8	0.0499	0.0000	OK
960 minute winter	J3	540	188.092	0.042	2.2	0.0470	0.0000	OK
960 minute winter	J4	540	188.068	0.029	2.4	0.0326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC63	Infiltration		0.0				0.0
960 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0029	
960 minute winter	FC64	Infiltration		0.0				0.0
960 minute winter	FC65	67.000	J55	0.3	0.276	0.031	0.0028	
960 minute winter	FC65	Infiltration		0.0				0.0
960 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
960 minute winter	FC66	Infiltration		0.0				0.0
960 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012	
960 minute winter	FC67	Infiltration		0.0				0.0
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
960 minute winter	FC68	Infiltration		0.0				0.0
960 minute winter	J1	1.001	J2	1.5	0.777	0.181	0.0097	
960 minute winter	J2	1.002	J3	1.8	0.434	0.134	0.0043	
960 minute winter	J3	1.003	J4	2.2	0.700	0.166	0.0062	
960 minute winter	J4	1.004	J5	2.4	1.063	0.070	0.0080	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J5	540	187.937	0.027	2.7	0.0306	0.0000	OK
960 minute winter	J6	540	187.687	0.037	2.9	0.0415	0.0000	OK
960 minute winter	J7	540	187.571	0.046	3.1	0.0523	0.0000	OK
960 minute winter	J8	525	187.551	0.030	3.5	0.0340	0.0000	OK
960 minute winter	J9	540	187.325	0.050	3.6	0.0560	0.0000	OK
960 minute winter	J10	525	187.298	0.028	4.0	0.0319	0.0000	OK
960 minute winter	J11	540	187.160	0.039	4.3	0.0445	0.0000	OK
960 minute winter	J12	495	186.859	0.050	6.3	0.0562	0.0000	OK
960 minute winter	J13	495	186.707	0.080	6.5	0.0905	0.0000	OK
960 minute winter	J14	495	186.698	0.076	6.7	0.0858	0.0000	OK
960 minute winter	J15	495	186.685	0.068	6.9	0.0769	0.0000	OK
960 minute winter	J16	495	186.656	0.051	7.1	0.0574	0.0000	OK
960 minute winter	J17	735	186.323	0.040	7.3	0.0447	0.0000	OK
960 minute winter	J18	750	186.317	0.192	14.8	0.2177	0.0000	OK
960 minute winter	J19	750	186.319	0.292	12.8	0.3297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J5	1.005	J6	2.7	0.990	0.071	0.0156	
960 minute winter	J6	1.006	J7	2.9	0.949	0.102	0.0060	
960 minute winter	J7	1.007	J8	3.2	0.733	0.106	0.0051	
960 minute winter	J8	1.008	J9	3.4	0.722	0.038	0.0406	
960 minute winter	J9	1.009	J10	3.6	0.789	0.108	0.0056	
960 minute winter	J10	1.010	J11	4.0	1.076	0.031	0.0092	
960 minute winter	J11	1.011	S2	4.3	0.569	0.067	0.0420	
960 minute winter	J12	1.013	J13	6.3	1.018	0.094	0.0400	
960 minute winter	J13	1.014	J14	6.5	0.450	0.115	0.0275	
960 minute winter	J14	1.015	J15	6.7	0.520	0.119	0.0248	
960 minute winter	J15	1.016	J16	6.9	0.704	0.130	0.0508	
960 minute winter	J16	1.017	J17	7.1	0.982	0.050	0.0244	
960 minute winter	J17	1.018	S3	7.3	0.887	0.024	0.0448	
960 minute winter	J18	1.020	J19	12.6	0.798	0.044	0.0876	
960 minute winter	J19	1.021	S4	10.6	0.625	0.193	0.3082	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J20	735	186.317	0.286	1.2	0.3230	0.0000	SURCHARGED
960 minute winter	J21	735	186.317	0.308	1.5	0.3479	0.0000	SURCHARGED
960 minute winter	J22	735	186.316	0.353	1.8	0.3997	0.0000	SURCHARGED
960 minute winter	J23	735	186.316	0.374	2.0	0.4234	0.0000	SURCHARGED
960 minute winter	J24	735	186.316	0.499	3.0	0.5646	0.0000	SURCHARGED
960 minute winter	J25	750	186.316	0.520	3.3	0.5876	0.0000	SURCHARGED
960 minute winter	J26	735	186.317	0.538	4.7	0.6083	0.0000	SURCHARGED
960 minute winter	J27	735	186.313	0.577	7.5	0.6530	0.0000	SURCHARGED
960 minute winter	J28	510	186.384	0.028	1.0	0.0318	0.0000	OK
960 minute winter	J29	495	186.303	0.032	1.2	0.0362	0.0000	OK
960 minute winter	J30	525	186.195	0.048	2.6	0.0540	0.0000	OK
960 minute winter	J31	525	186.093	0.049	2.9	0.0553	0.0000	OK
960 minute winter	J32	525	186.059	0.048	3.2	0.0547	0.0000	OK
960 minute winter	J33	525	185.567	0.031	4.4	0.0356	0.0000	OK
960 minute winter	J34	525	185.185	0.059	5.5	0.0673	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J20	23.002	J21	1.2	0.415	0.089	0.0665	
960 minute winter	J21	23.003	J22	1.5	0.440	0.112	0.1411	
960 minute winter	J22	23.004	J23	1.8	0.472	0.132	0.0633	
960 minute winter	J23	23.005	S18	2.0	0.532	0.148	0.1321	
960 minute winter	J24	23.007	J25	3.0	0.415	0.099	0.2458	
960 minute winter	J25	23.008	J26	4.5	0.412	0.147	0.1975	
960 minute winter	J26	23.009	S19	4.6	0.418	0.149	0.1474	
960 minute winter	J27	23.011	S4	4.6	0.561	0.155	0.0951	
960 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175	
960 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097	
960 minute winter	J30	32.004	J31	2.6	0.564	0.196	0.0230	
960 minute winter	J31	32.005	J32	2.9	0.461	0.097	0.0613	
960 minute winter	J32	32.006	S13	3.2	0.674	0.106	0.0255	
960 minute winter	J33	32.008	S14	4.4	0.844	0.042	0.0482	
960 minute winter	J34	32.010	J35	5.5	0.864	0.142	0.0580	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J35	525	185.114	0.038	5.7	0.0435	0.0000	OK
960 minute winter	J36	525	184.938	0.063	6.0	0.0716	0.0000	OK
960 minute winter	J37	525	184.566	0.066	7.2	0.0750	0.0000	OK
960 minute winter	J38	525	184.384	0.084	8.4	0.0946	0.0000	OK
960 minute winter	J39	525	184.352	0.077	8.7	0.0876	0.0000	OK
960 minute winter	J40	525	184.329	0.064	8.9	0.0721	0.0000	OK
960 minute winter	J41	540	184.615	0.018	0.4	0.0199	0.0000	OK
960 minute winter	J42	540	184.561	0.024	0.7	0.0269	0.0000	OK
960 minute winter	J43	495	184.423	0.043	1.9	0.0487	0.0000	OK
960 minute winter	J44	495	184.411	0.041	2.1	0.0468	0.0000	OK
960 minute winter	J45	495	184.365	0.045	2.3	0.0514	0.0000	OK
960 minute winter	J46	495	184.282	0.060	3.4	0.0674	0.0000	OK
960 minute winter	J47	495	184.274	0.067	3.6	0.0760	0.0000	OK
960 minute winter	J48	495	184.261	0.067	4.8	0.0762	0.0000	OK
960 minute winter	J49	495	184.247	0.078	5.1	0.0883	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J35	32.011	J36	5.7	0.848	0.064	0.0468	
960 minute winter	J36	32.012	S15	6.0	0.834	0.200	0.0172	
960 minute winter	J37	32.014	S16	7.2	0.939	0.130	0.0409	
960 minute winter	J38	32.016	J39	8.4	0.552	0.155	0.1645	
960 minute winter	J39	32.017	J40	8.7	0.689	0.159	0.0462	
960 minute winter	J40	32.018	S10	8.9	0.850	0.089	0.1001	
960 minute winter	J41	48.002	J42	0.4	0.342	0.067	0.0073	
960 minute winter	J42	48.003	S21	0.7	0.499	0.119	0.0115	
960 minute winter	J43	48.005	J44	1.9	0.467	0.136	0.0065	
960 minute winter	J44	48.006	J45	2.1	0.497	0.157	0.0371	
960 minute winter	J45	48.007	S22	2.3	0.542	0.169	0.0101	
960 minute winter	J46	48.009	J47	3.4	0.371	0.110	0.0386	
960 minute winter	J47	48.010	S23	3.6	0.348	0.119	0.0273	
960 minute winter	J48	48.012	J49	4.8	0.433	0.160	0.0826	
960 minute winter	J49	48.013	J50	5.1	0.429	0.166	0.0135	

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J50	495	184.240	0.075	5.4	0.0845	0.0000	OK
960 minute winter	J51	495	184.228	0.079	5.6	0.0899	0.0000	OK
960 minute winter	J52	495	184.219	0.075	6.0	0.0844	0.0000	OK
960 minute winter	J53	495	184.199	0.072	6.2	0.0812	0.0000	OK
960 minute winter	J54	495	185.160	0.031	1.1	0.0350	0.0000	OK
960 minute winter	J55	495	185.124	0.030	1.4	0.0340	0.0000	OK
960 minute winter	J56	495	184.096	0.089	8.8	0.1004	0.0000	OK
960 minute winter	J57	495	184.075	0.090	9.0	0.1020	0.0000	OK
960 minute winter	BASIN 1	750	186.316	1.391	14.2	185.4026	0.0000	SURCHARGED
960 minute winter	BASIN 2	750	184.853	0.553	4.2	55.9634	0.0000	OK
960 minute winter	BASIN 3	1200	183.609	0.509	13.4	403.0739	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J50	48.014	J51	5.4	0.449	0.180	0.0609	
960 minute winter	J51	48.015	J52	5.6	0.466	0.182	0.0136	
960 minute winter	J52	48.016	J53	6.0	0.536	0.196	0.0545	
960 minute winter	J53	48.017	S24	6.2	0.616	0.205	0.1031	
960 minute winter	J54	65.002	J55	1.1	0.546	0.186	0.0073	
960 minute winter	J55	65.003	S24	1.4	0.725	0.184	0.0152	
960 minute winter	J56	48.019	J57	8.8	0.498	0.162	0.1600	
960 minute winter	J57	48.020	S25	9.0	0.517	0.164	0.1132	
960 minute winter	BASIN 1	1.023	S5	4.1	0.106	0.049	0.9418	
960 minute winter	BASIN 1	Infiltration		0.1				6.7
960 minute winter	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1554	
960 minute winter	BASIN 2	71.000	BH1	0.9	0.495	0.153	0.1829	
960 minute winter	BASIN 2	Infiltration		0.0				0.0
960 minute winter	BASIN 3	1.034	BH2	2.7	0.426	0.022	1.8265	
960 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	BASIN 4	960	184.070	0.740	10.7	227.2820	0.0000	SURCHARGED
960 minute winter	SWALE 1	750	184.930	0.056	4.1	0.0800	0.0000	OK
960 minute winter	SWALE 2	750	184.431	0.056	4.1	0.0802	0.0000	OK
960 minute winter	SWALE 3	555	184.075	0.080	12.3	0.1145	0.0000	OK
960 minute winter	BH1	750	184.853	0.776	0.9	3.0506	0.0000	OK
960 minute winter	BH2	1200	183.609	0.526	2.7	4.2183	0.0000	OK
960 minute winter	BH3	960	184.070	0.751	0.6	5.1106	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	BASIN 4	48.022	BH3	0.6	0.350	0.012	0.3211	
960 minute winter	BASIN 4	Infiltration		0.0				0.0
960 minute winter	SWALE 1	1.025	S6	4.1	0.387	0.049	0.3971	
960 minute winter	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1913	
960 minute winter	SWALE 3	1.033	BASIN 3	12.3	0.728	0.098	0.7300	
960 minute winter	BH1	Infiltration		0.1				6.0
960 minute winter	BH2	Infiltration		0.2				6.6
960 minute winter	BH3	Infiltration		0.2				11.6

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.389	0.019	0.7	0.0282	0.0000	OK
1440 minute summer	S2	750	187.117	0.078	6.9	0.1346	0.0000	OK
1440 minute summer	S3	1050	186.314	0.177	9.6	0.2354	0.0000	OK
1440 minute summer	S4	990	186.320	0.942	15.8	1.2076	0.0000	SURCHARGED
1440 minute summer	S5	990	186.318	1.408	4.1	2.0154	0.0000	SURCHARGED
1440 minute summer	S6	1020	184.866	0.058	4.1	0.0833	0.0000	OK
1440 minute summer	S7	1020	184.789	0.030	4.1	0.0434	0.0000	OK
1440 minute summer	S8	1020	184.363	0.033	4.1	0.0466	0.0000	OK
1440 minute summer	S9	810	184.182	0.057	4.1	0.0812	0.0000	OK
1440 minute summer	S10	780	184.171	0.058	13.9	0.1047	0.0000	OK
1440 minute summer	S11	750	186.427	0.027	0.9	0.0431	0.0000	OK
1440 minute summer	S12	750	186.225	0.049	2.7	0.0730	0.0000	OK
1440 minute summer	S13	750	186.026	0.033	4.5	0.0500	0.0000	OK
1440 minute summer	S14	750	185.233	0.058	6.0	0.0906	0.0000	OK
1440 minute summer	S15	750	184.913	0.046	7.8	0.0728	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S1	1.000	J1	0.7	0.439	0.080	0.0133	
1440 minute summer	S2	1.012	J12	6.9	0.621	0.230	0.0165	
1440 minute summer	S3	1.019	J18	9.6	0.937	0.180	0.2352	
1440 minute summer	S4	1.022	BASIN 1	15.6	0.795	0.093	1.1778	
1440 minute summer	S5	1.024	SWALE 1	4.1	0.392	0.049	0.2114	
1440 minute summer	S6	1.026	BASIN 2	4.1	0.441	0.047	0.0602	
1440 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1206	
1440 minute summer	S8	1.030	S9	4.1	0.607	0.016	0.0895	
1440 minute summer	S9	1.031	S10	4.1	0.609	0.049	0.0702	
1440 minute summer	S10	1.032	SWALE 3	13.9	0.953	0.042	0.0641	
1440 minute summer	S11	32.000	J28	0.9	0.480	0.151	0.0086	
1440 minute summer	S12	32.003	J30	2.7	0.518	0.202	0.0264	
1440 minute summer	S13	32.007	J33	4.5	1.225	0.046	0.0477	
1440 minute summer	S14	32.009	J34	6.0	0.699	0.118	0.0448	
1440 minute summer	S15	32.013	J37	7.8	1.377	0.084	0.0529	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.523	0.036	9.1	0.0546	0.0000	OK
1440 minute summer	S17	990	186.320	0.170	1.2	0.2702	0.0000	SURCHARGED
1440 minute summer	S18	990	186.319	0.495	3.4	0.7322	0.0000	SURCHARGED
1440 minute summer	S19	990	186.320	0.554	5.1	0.7978	0.0000	SURCHARGED
1440 minute summer	S20	750	184.662	0.020	0.5	0.0225	0.0000	OK
1440 minute summer	S21	750	184.447	0.038	1.7	0.0502	0.0000	OK
1440 minute summer	S22	750	184.293	0.062	3.5	0.0800	0.0000	OK
1440 minute summer	S23	750	184.273	0.075	5.0	0.0972	0.0000	OK
1440 minute summer	S24	750	184.116	0.099	9.7	0.1298	0.0000	OK
1440 minute summer	S25	1470	184.108	0.138	11.1	0.1904	0.0000	OK
1440 minute summer	S26	750	185.399	0.022	1.1	0.0325	0.0000	OK
1440 minute summer	FC1	780	188.353	0.103	0.3	0.1331	0.0000	SURCHARGED
1440 minute summer	FC2	780	188.254	0.104	0.3	0.1340	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S16	32.015	J38	9.1	0.862	0.029	0.0256	
1440 minute summer	S17	23.001	J20	1.2	0.585	0.208	0.0560	
1440 minute summer	S18	23.006	J24	3.2	0.414	0.102	0.0729	
1440 minute summer	S19	23.010	J27	5.1	0.509	0.169	0.3541	
1440 minute summer	S20	48.001	J41	0.5	0.449	0.082	0.0050	
1440 minute summer	S21	48.004	J43	1.7	0.430	0.126	0.0200	
1440 minute summer	S22	48.008	J46	3.5	0.385	0.111	0.0220	
1440 minute summer	S23	48.011	J48	5.0	0.442	0.161	0.0126	
1440 minute summer	S24	48.018	J56	9.7	0.494	0.182	0.0837	
1440 minute summer	S25	48.021	BASIN 4	11.1	0.660	0.208	0.1265	
1440 minute summer	S26	65.001	J54	1.1	0.595	0.106	0.0159	
1440 minute summer	FC1	2.000	J1	0.3	0.226	0.048	0.0070	
1440 minute summer	FC1	Infiltration		0.0				0.0
1440 minute summer	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
1440 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC3	750	188.450	0.250	0.5	0.3383	0.0000	SURCHARGED
1440 minute summer	FC4	750	188.300	0.100	0.3	0.1255	0.0000	SURCHARGED
1440 minute summer	FC5	780	188.104	0.104	0.3	0.1341	0.0000	SURCHARGED
1440 minute summer	FC6	750	187.949	0.099	0.3	0.1243	0.0000	OK
1440 minute summer	FC7	750	187.851	0.101	0.3	0.1259	0.0000	SURCHARGED
1440 minute summer	FC8	780	187.851	0.101	0.3	0.1298	0.0000	SURCHARGED
1440 minute summer	FC9	750	187.572	0.102	0.3	0.1275	0.0000	SURCHARGED
1440 minute summer	FC10	750	187.720	0.250	0.5	0.3377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC3	4.000	J3	0.5	0.469	0.078	0.0097	
1440 minute summer	FC3	Infiltration		0.0				0.0
1440 minute summer	FC4	5.000	J4	0.3	0.459	0.040	0.0048	
1440 minute summer	FC4	Infiltration		0.0				0.0
1440 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
1440 minute summer	FC5	Infiltration		0.0				0.0
1440 minute summer	FC6	7.000	J6	0.3	0.510	0.034	0.0043	
1440 minute summer	FC6	Infiltration		0.0				0.0
1440 minute summer	FC7	8.000	J7	0.3	0.444	0.042	0.0049	
1440 minute summer	FC7	Infiltration		0.0				0.0
1440 minute summer	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
1440 minute summer	FC8	Infiltration		0.0				0.0
1440 minute summer	FC9	10.000	J9	0.3	0.392	0.050	0.0055	
1440 minute summer	FC9	Infiltration		0.0				0.0
1440 minute summer	FC10	11.000	J10	0.5	0.487	0.073	0.0062	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC11	780	187.424	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC12	780	187.334	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC13	780	187.104	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC14	780	186.979	0.079	0.3	1.0061	0.0000	OK
1440 minute summer	FC15	750	187.298	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC16	750	187.001	0.101	0.3	0.1269	0.0000	SURCHARGED
1440 minute summer	FC17	750	187.098	0.098	0.3	0.1222	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC10	Infiltration		0.0				0.0
1440 minute summer	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
1440 minute summer	FC11	Infiltration		0.0				0.0
1440 minute summer	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
1440 minute summer	FC12	Infiltration		0.0				0.0
1440 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
1440 minute summer	FC13	Infiltration		0.0				0.0
1440 minute summer	FC14	15.000	J13	0.3	0.375	0.043	0.0052	
1440 minute summer	FC14	Infiltration		0.0				0.0
1440 minute summer	FC15	16.000	J14	0.3	0.824	0.017	0.0017	
1440 minute summer	FC15	Infiltration		0.0				0.0
1440 minute summer	FC16	17.000	J15	0.3	0.409	0.047	0.0055	
1440 minute summer	FC16	Infiltration		0.0				0.0
1440 minute summer	FC17	18.000	J16	0.3	0.646	0.024	0.0022	
1440 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC18	750	186.652	0.102	0.3	0.1275	0.0000	SURCHARGED
1440 minute summer	FC19	780	186.504	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC20	780	187.049	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC21	780	186.404	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC22	780	186.517	0.067	0.3	0.6492	0.0000	OK
1440 minute summer	FC23	750	186.398	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC24	780	186.399	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC25	780	186.649	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC18	19.000	J17	0.3	0.390	0.050	0.0053	
1440 minute summer	FC18	Infiltration		0.0				0.0
1440 minute summer	FC19	20.000	S3	0.3	0.391	0.051	0.0051	
1440 minute summer	FC19	Infiltration		0.0				0.0
1440 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0017	
1440 minute summer	FC20	Infiltration		0.0				0.0
1440 minute summer	FC21	22.000	J19	0.3	0.392	0.051	0.0330	
1440 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.2	0.244	0.016	0.0193	
1440 minute summer	FC22	Infiltration		0.0				0.0
1440 minute summer	FC23	24.000	J20	0.3	0.684	0.022	0.0204	
1440 minute summer	FC23	Infiltration		0.0				0.0
1440 minute summer	FC24	25.000	J21	0.3	0.706	0.022	0.0207	
1440 minute summer	FC24	Infiltration		0.0				0.0
1440 minute summer	FC25	26.000	J22	0.3	0.776	0.019	0.0179	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	780	186.516	0.066	0.3	0.6689	0.0000	OK
1440 minute summer	FC27	750	186.598	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC28	780	186.599	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC29	780	186.599	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC30	780	186.849	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC31	750	186.549	0.099	0.3	0.1238	0.0000	OK
1440 minute summer	FC32	750	186.548	0.098	0.3	0.1222	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.2	0.640	0.018	0.0175	
1440 minute summer	FC26	Infiltration		0.0				0.0
1440 minute summer	FC27	28.000	J24	0.3	0.958	0.014	0.0182	
1440 minute summer	FC27	Infiltration		0.0				0.0
1440 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0174	
1440 minute summer	FC28	Infiltration		0.0				0.0
1440 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0189	
1440 minute summer	FC29	Infiltration		0.0				0.0
1440 minute summer	FC30	31.000	J27	0.3	0.728	0.021	0.0018	
1440 minute summer	FC30	Infiltration		0.0				0.0
1440 minute summer	FC31	33.000	J28	0.3	0.238	0.033	0.0056	
1440 minute summer	FC31	Infiltration		0.0				0.0
1440 minute summer	FC32	34.000	J29	0.3	0.214	0.024	0.0062	
1440 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC33	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC34	780	186.554	0.103	0.3	0.1336	0.0000	SURCHARGED
1440 minute summer	FC35	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC36	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute summer	FC37	750	186.048	0.248	0.5	0.3345	0.0000	SURCHARGED
1440 minute summer	FC38	780	185.513	0.063	0.3	0.7606	0.0000	OK
1440 minute summer	FC39	750	185.548	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC40	780	185.599	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
1440 minute summer	FC33	Infiltration		0.0				0.0
1440 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
1440 minute summer	FC34	Infiltration		0.0				0.0
1440 minute summer	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
1440 minute summer	FC35	Infiltration		0.0				0.0
1440 minute summer	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
1440 minute summer	FC36	Infiltration		0.0				0.0
1440 minute summer	FC37	39.000	J33	0.5	0.597	0.055	0.0053	
1440 minute summer	FC37	Infiltration		0.0				0.0
1440 minute summer	FC38	40.000	J34	0.2	0.610	0.018	0.0018	
1440 minute summer	FC38	Infiltration		0.0				0.0
1440 minute summer	FC39	41.000	J35	0.3	0.725	0.021	0.0018	
1440 minute summer	FC39	Infiltration		0.0				0.0
1440 minute summer	FC40	42.000	J36	0.3	0.888	0.016	0.0017	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC41	780	184.950	0.100	0.3	0.1291	0.0000	SURCHARGED
1440 minute summer	FC42	780	184.701	0.101	0.3	0.1306	0.0000	SURCHARGED
1440 minute summer	FC43	780	184.700	0.100	0.3	0.1292	0.0000	SURCHARGED
1440 minute summer	FC44	750	184.612	0.012	0.3	0.0148	0.0000	OK
1440 minute summer	FC45	750	184.698	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC46	750	184.951	0.251	0.5	0.3390	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	780	184.899	0.099	0.3	0.1280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC40	Infiltration		0.0				0.0
1440 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
1440 minute summer	FC41	Infiltration		0.0				0.0
1440 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0029	
1440 minute summer	FC42	Infiltration		0.0				0.0
1440 minute summer	FC43	45.000	J39	0.3	0.575	0.029	0.0023	
1440 minute summer	FC43	Infiltration		0.0				0.0
1440 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
1440 minute summer	FC44	Infiltration		0.0				0.0
1440 minute summer	FC45	47.000	S10	0.3	0.675	0.023	0.0020	
1440 minute summer	FC45	Infiltration		0.0				0.0
1440 minute summer	FC46	48.000	S20	0.5	0.442	0.082	0.0066	
1440 minute summer	FC46	Infiltration		0.0				0.0
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0028	
1440 minute summer	FC48	50.000	J42	0.3	0.332	0.021	0.0049	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC49	780	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
1440 minute summer	FC50	780	184.904	0.104	0.3	0.1340	0.0000	SURCHARGED
1440 minute summer	FC51	780	184.954	0.104	0.3	0.1339	0.0000	SURCHARGED
1440 minute summer	FC52	780	185.350	0.100	0.3	0.1294	0.0000	SURCHARGED
1440 minute summer	FC53	780	185.351	0.101	0.3	0.1301	0.0000	SURCHARGED
1440 minute summer	FC54	750	185.348	0.098	0.3	0.1229	0.0000	OK
1440 minute summer	FC55	750	185.348	0.098	0.3	0.1222	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC48	Infiltration		0.0				0.0
1440 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
1440 minute summer	FC49	Infiltration		0.0				0.0
1440 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
1440 minute summer	FC50	Infiltration		0.0				0.0
1440 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
1440 minute summer	FC51	Infiltration		0.0				0.0
1440 minute summer	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
1440 minute summer	FC52	Infiltration		0.0				0.0
1440 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
1440 minute summer	FC53	Infiltration		0.0				0.0
1440 minute summer	FC54	62.000	J51	0.3	0.589	0.028	0.0020	
1440 minute summer	FC54	Infiltration		0.0				0.0
1440 minute summer	FC55	64.000	J53	0.3	0.741	0.020	0.0017	
1440 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC56	750	185.448	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC57	750	185.448	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC58	750	185.448	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC59	750	185.448	0.098	0.3	0.1222	0.0000	OK
1440 minute summer	FC60	780	185.449	0.099	0.3	0.1282	0.0000	OK
1440 minute summer	FC61	780	185.401	0.101	0.3	0.1305	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.499	0.249	0.5	0.3359	0.0000	SURCHARGED
1440 minute summer	FC63	750	185.502	0.102	0.3	0.1272	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC56	53.000	J44	0.3	0.763	0.019	0.0026	
1440 minute summer	FC56	Infiltration		0.0				0.0
1440 minute summer	FC57	54.000	J45	0.3	0.717	0.021	0.0027	
1440 minute summer	FC57	Infiltration		0.0				0.0
1440 minute summer	FC58	56.000	J46	0.3	0.689	0.022	0.0027	
1440 minute summer	FC58	Infiltration		0.0				0.0
1440 minute summer	FC59	57.000	J47	0.3	0.640	0.025	0.0030	
1440 minute summer	FC59	Infiltration		0.0				0.0
1440 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
1440 minute summer	FC60	Infiltration		0.0				0.0
1440 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
1440 minute summer	FC61	Infiltration		0.0				0.0
1440 minute summer	FC62	63.000	J52	0.5	0.541	0.063	0.0084	
1440 minute summer	FC62	Infiltration		0.0				0.0
1440 minute summer	FC63	65.000	S26	0.3	0.295	0.050	0.0024	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC64	750	185.252	0.102	0.3	0.1272	0.0000	SURCHARGED
1440 minute summer	FC65	780	185.250	0.100	0.3	0.1294	0.0000	SURCHARGED
1440 minute summer	FC66	780	185.103	0.103	0.3	0.1326	0.0000	SURCHARGED
1440 minute summer	FC67	780	184.868	0.068	0.3	0.6987	0.0000	OK
1440 minute summer	FC68	750	184.650	0.099	0.3	0.1244	0.0000	OK
1440 minute summer	J1	750	188.232	0.032	1.7	0.0477	0.0000	OK
1440 minute summer	J2	750	188.103	0.047	2.0	0.0531	0.0000	OK
1440 minute summer	J3	750	188.094	0.044	2.5	0.0501	0.0000	OK
1440 minute summer	J4	750	188.070	0.031	2.8	0.0353	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC63	Infiltration		0.0				0.0
1440 minute summer	FC64	66.000	J54	0.3	0.192	0.050	0.0035	
1440 minute summer	FC64	Infiltration		0.0				0.0
1440 minute summer	FC65	67.000	J55	0.3	0.276	0.031	0.0031	
1440 minute summer	FC65	Infiltration		0.0				0.0
1440 minute summer	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
1440 minute summer	FC66	Infiltration		0.0				0.0
1440 minute summer	FC67	69.000	J56	0.2	0.357	0.040	0.0014	
1440 minute summer	FC67	Infiltration		0.0				0.0
1440 minute summer	FC68	70.000	J57	0.3	0.513	0.033	0.0013	
1440 minute summer	FC68	Infiltration		0.0				0.0
1440 minute summer	J1	1.001	J2	1.7	0.803	0.205	0.0106	
1440 minute summer	J2	1.002	J3	2.0	0.445	0.149	0.0047	
1440 minute summer	J3	1.003	J4	2.5	0.716	0.187	0.0068	
1440 minute summer	J4	1.004	J5	2.8	1.111	0.082	0.0089	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J5	750	187.939	0.029	3.1	0.0326	0.0000	OK
1440 minute summer	J6	750	187.690	0.040	3.4	0.0452	0.0000	OK
1440 minute summer	J7	750	187.576	0.051	3.7	0.0573	0.0000	OK
1440 minute summer	J8	750	187.553	0.032	3.9	0.0365	0.0000	OK
1440 minute summer	J9	750	187.329	0.054	4.3	0.0609	0.0000	OK
1440 minute summer	J10	750	187.301	0.031	4.7	0.0350	0.0000	OK
1440 minute summer	J11	750	187.164	0.043	5.0	0.0486	0.0000	OK
1440 minute summer	J12	750	186.862	0.053	7.2	0.0602	0.0000	OK
1440 minute summer	J13	750	186.713	0.086	7.4	0.0971	0.0000	OK
1440 minute summer	J14	750	186.703	0.081	7.7	0.0921	0.0000	OK
1440 minute summer	J15	750	186.690	0.073	8.0	0.0825	0.0000	OK
1440 minute summer	J16	750	186.660	0.055	8.3	0.0622	0.0000	OK
1440 minute summer	J17	990	186.326	0.043	8.6	0.0481	0.0000	OK
1440 minute summer	J18	990	186.322	0.197	15.7	0.2231	0.0000	OK
1440 minute summer	J19	1020	186.323	0.295	12.5	0.3342	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J5	1.005	J6	3.1	1.014	0.081	0.0174	
1440 minute summer	J6	1.006	J7	3.4	0.986	0.119	0.0067	
1440 minute summer	J7	1.007	J8	3.6	0.756	0.119	0.0057	
1440 minute summer	J8	1.008	J9	4.0	0.749	0.045	0.0455	
1440 minute summer	J9	1.009	J10	4.3	0.823	0.128	0.0063	
1440 minute summer	J10	1.010	J11	4.7	1.117	0.037	0.0105	
1440 minute summer	J11	1.011	S2	5.1	0.590	0.078	0.0468	
1440 minute summer	J12	1.013	J13	7.2	1.053	0.107	0.0440	
1440 minute summer	J13	1.014	J14	7.4	0.462	0.131	0.0304	
1440 minute summer	J14	1.015	J15	7.7	0.537	0.137	0.0274	
1440 minute summer	J15	1.016	J16	8.0	0.729	0.150	0.0565	
1440 minute summer	J16	1.017	J17	8.3	1.022	0.058	0.0273	
1440 minute summer	J17	1.018	S3	8.6	0.923	0.028	0.0459	
1440 minute summer	J18	1.020	J19	12.3	0.821	0.043	0.0886	
1440 minute summer	J19	1.021	S4	11.3	0.649	0.204	0.3089	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	990	186.320	0.289	1.5	0.3263	0.0000	SURCHARGED
1440 minute summer	J21	990	186.319	0.310	1.8	0.3511	0.0000	SURCHARGED
1440 minute summer	J22	990	186.320	0.356	2.1	0.4032	0.0000	SURCHARGED
1440 minute summer	J23	990	186.319	0.377	2.4	0.4267	0.0000	SURCHARGED
1440 minute summer	J24	990	186.319	0.502	3.5	0.5679	0.0000	SURCHARGED
1440 minute summer	J25	990	186.318	0.522	3.8	0.5905	0.0000	SURCHARGED
1440 minute summer	J26	990	186.320	0.541	4.1	0.6114	0.0000	SURCHARGED
1440 minute summer	J27	1020	186.316	0.580	7.6	0.6561	0.0000	SURCHARGED
1440 minute summer	J28	750	186.387	0.031	1.2	0.0349	0.0000	OK
1440 minute summer	J29	750	186.307	0.036	1.5	0.0409	0.0000	OK
1440 minute summer	J30	750	186.199	0.052	3.0	0.0583	0.0000	OK
1440 minute summer	J31	750	186.096	0.052	3.3	0.0591	0.0000	OK
1440 minute summer	J32	750	186.062	0.051	3.6	0.0578	0.0000	OK
1440 minute summer	J33	750	185.568	0.033	5.0	0.0378	0.0000	OK
1440 minute summer	J34	750	185.188	0.063	6.2	0.0715	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.5	0.445	0.113	0.0665	
1440 minute summer	J21	23.003	J22	1.8	0.467	0.137	0.1411	
1440 minute summer	J22	23.004	J23	2.1	0.492	0.158	0.0633	
1440 minute summer	J23	23.005	S18	2.4	0.559	0.177	0.1321	
1440 minute summer	J24	23.007	J25	3.5	0.432	0.116	0.2458	
1440 minute summer	J25	23.008	J26	3.8	0.425	0.125	0.1975	
1440 minute summer	J26	23.009	S19	4.1	0.427	0.133	0.1474	
1440 minute summer	J27	23.011	S4	5.9	0.581	0.198	0.0951	
1440 minute summer	J28	32.001	J29	1.2	0.521	0.202	0.0203	
1440 minute summer	J29	32.002	S12	1.5	0.609	0.252	0.0114	
1440 minute summer	J30	32.004	J31	3.0	0.585	0.226	0.0255	
1440 minute summer	J31	32.005	J32	3.3	0.480	0.110	0.0669	
1440 minute summer	J32	32.006	S13	3.6	0.698	0.119	0.0276	
1440 minute summer	J33	32.008	S14	5.0	0.871	0.048	0.0529	
1440 minute summer	J34	32.010	J35	6.2	0.893	0.161	0.0634	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J35	750	185.116	0.041	6.5	0.0464	0.0000	OK
1440 minute summer	J36	750	184.942	0.067	6.8	0.0762	0.0000	OK
1440 minute summer	J37	750	184.570	0.070	8.1	0.0793	0.0000	OK
1440 minute summer	J38	750	184.389	0.089	9.4	0.1004	0.0000	OK
1440 minute summer	J39	750	184.356	0.082	9.7	0.0929	0.0000	OK
1440 minute summer	J40	750	184.333	0.068	10.0	0.0767	0.0000	OK
1440 minute summer	J41	750	184.616	0.019	0.5	0.0219	0.0000	OK
1440 minute summer	J42	750	184.562	0.025	0.8	0.0285	0.0000	OK
1440 minute summer	J43	750	184.425	0.045	2.0	0.0503	0.0000	OK
1440 minute summer	J44	750	184.413	0.043	2.3	0.0489	0.0000	OK
1440 minute summer	J45	750	184.368	0.048	2.6	0.0547	0.0000	OK
1440 minute summer	J46	750	184.286	0.064	3.8	0.0722	0.0000	OK
1440 minute summer	J47	750	184.279	0.072	4.1	0.0812	0.0000	OK
1440 minute summer	J48	750	184.266	0.071	5.3	0.0808	0.0000	OK
1440 minute summer	J49	750	184.252	0.082	5.6	0.0933	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J35	32.011	J36	6.5	0.885	0.073	0.0512	
1440 minute summer	J36	32.012	S15	6.8	0.865	0.227	0.0188	
1440 minute summer	J37	32.014	S16	8.1	0.970	0.147	0.0446	
1440 minute summer	J38	32.016	J39	9.4	0.569	0.174	0.1788	
1440 minute summer	J39	32.017	J40	9.7	0.706	0.177	0.0503	
1440 minute summer	J40	32.018	S10	10.0	0.878	0.100	0.1090	
1440 minute summer	J41	48.002	J42	0.5	0.374	0.082	0.0081	
1440 minute summer	J42	48.003	S21	0.8	0.515	0.133	0.0124	
1440 minute summer	J43	48.005	J44	2.0	0.463	0.142	0.0069	
1440 minute summer	J44	48.006	J45	2.3	0.502	0.171	0.0399	
1440 minute summer	J45	48.007	S22	2.6	0.559	0.190	0.0110	
1440 minute summer	J46	48.009	J47	3.8	0.375	0.122	0.0424	
1440 minute summer	J47	48.010	S23	4.1	0.361	0.135	0.0298	
1440 minute summer	J48	48.012	J49	5.3	0.440	0.176	0.0893	
1440 minute summer	J49	48.013	J50	5.6	0.435	0.182	0.0145	

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J50	750	184.244	0.079	5.9	0.0894	0.0000	OK
1440 minute summer	J51	750	184.232	0.084	6.2	0.0953	0.0000	OK
1440 minute summer	J52	750	184.223	0.079	6.6	0.0896	0.0000	OK
1440 minute summer	J53	750	184.203	0.076	6.9	0.0863	0.0000	OK
1440 minute summer	J54	750	185.164	0.035	1.4	0.0398	0.0000	OK
1440 minute summer	J55	750	185.127	0.033	1.7	0.0376	0.0000	OK
1440 minute summer	J56	1470	184.108	0.101	10.0	0.1138	0.0000	OK
1440 minute summer	J57	1470	184.108	0.123	10.3	0.1387	0.0000	OK
1440 minute summer	BASIN 1	990	186.319	1.393	16.1	185.8973	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1020	184.853	0.553	4.2	55.9670	0.0000	OK
1440 minute summer	BASIN 3	1680	183.761	0.661	15.1	471.7408	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J50	48.014	J51	5.9	0.452	0.196	0.0659	
1440 minute summer	J51	48.015	J52	6.2	0.474	0.201	0.0148	
1440 minute summer	J52	48.016	J53	6.6	0.547	0.218	0.0592	
1440 minute summer	J53	48.017	S24	6.9	0.635	0.230	0.1122	
1440 minute summer	J54	65.002	J55	1.4	0.589	0.236	0.0086	
1440 minute summer	J55	65.003	S24	1.7	0.763	0.223	0.0175	
1440 minute summer	J56	48.019	J57	10.0	0.511	0.184	0.2172	
1440 minute summer	J57	48.020	S25	10.3	0.534	0.188	0.1792	
1440 minute summer	BASIN 1	1.023	S5	4.1	0.074	0.049	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				8.1
1440 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1556	
1440 minute summer	BASIN 2	71.000	BH1	0.6	0.486	0.110	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
1440 minute summer	BASIN 3	1.034	BH2	1.2	0.502	0.010	1.8265	
1440 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	BASIN 4	1470	184.108	0.778	12.3	239.9273	0.0000	SURCHARGED
1440 minute summer	SWALE 1	990	184.930	0.056	4.1	0.0800	0.0000	OK
1440 minute summer	SWALE 2	1020	184.431	0.056	4.1	0.0803	0.0000	OK
1440 minute summer	SWALE 3	780	184.080	0.085	13.9	0.1218	0.0000	OK
1440 minute summer	BH1	1020	184.853	0.776	0.6	3.0507	0.0000	OK
1440 minute summer	BH2	1680	183.761	0.678	1.2	4.9746	0.0000	OK
1440 minute summer	BH3	1470	184.108	0.789	0.4	5.2855	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	BASIN 4	48.022	BH3	0.4	0.276	0.007	0.3211	
1440 minute summer	BASIN 4	Infiltration		0.0				0.0
1440 minute summer	SWALE 1	1.025	S6	4.1	0.387	0.049	0.3974	
1440 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1914	
1440 minute summer	SWALE 3	1.033	BASIN 3	13.9	0.753	0.111	0.7968	
1440 minute summer	BH1	Infiltration		0.1				8.6
1440 minute summer	BH2	Infiltration		0.2				9.4
1440 minute summer	BH3	Infiltration		0.2				16.1

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	720	188.386	0.016	0.5	0.0240	0.0000	OK
1440 minute winter	S2	780	187.102	0.063	4.6	0.1091	0.0000	OK
1440 minute winter	S3	1080	186.281	0.144	6.4	0.1909	0.0000	OK
1440 minute winter	S4	1080	186.283	0.905	10.7	1.1604	0.0000	SURCHARGED
1440 minute winter	S5	1080	186.280	1.370	4.0	1.9611	0.0000	SURCHARGED
1440 minute winter	S6	1080	184.866	0.058	4.0	0.0827	0.0000	OK
1440 minute winter	S7	1080	184.789	0.030	4.0	0.0431	0.0000	OK
1440 minute winter	S8	1080	184.362	0.032	4.0	0.0462	0.0000	OK
1440 minute winter	S9	900	184.181	0.056	4.0	0.0797	0.0000	OK
1440 minute winter	S10	780	184.164	0.051	11.2	0.0924	0.0000	OK
1440 minute winter	S11	690	186.422	0.022	0.6	0.0346	0.0000	OK
1440 minute winter	S12	780	186.215	0.039	1.8	0.0583	0.0000	OK
1440 minute winter	S13	750	186.020	0.027	3.0	0.0411	0.0000	OK
1440 minute winter	S14	780	185.221	0.046	4.0	0.0725	0.0000	OK
1440 minute winter	S15	780	184.905	0.038	5.3	0.0596	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0103	
1440 minute winter	S2	1.012	J12	4.6	0.558	0.154	0.0123	
1440 minute winter	S3	1.019	J18	6.4	0.837	0.120	0.1817	
1440 minute winter	S4	1.022	BASIN 1	10.6	0.754	0.063	1.1778	
1440 minute winter	S5	1.024	SWALE 1	4.0	0.390	0.048	0.2092	
1440 minute winter	S6	1.026	BASIN 2	4.0	0.437	0.046	0.0596	
1440 minute winter	S7	1.028	SWALE 2	4.0	0.580	0.013	0.1195	
1440 minute winter	S8	1.030	S9	4.0	0.606	0.015	0.0882	
1440 minute winter	S9	1.031	S10	4.0	0.614	0.048	0.0626	
1440 minute winter	S10	1.032	SWALE 3	11.2	0.909	0.034	0.0543	
1440 minute winter	S11	32.000	J28	0.6	0.433	0.101	0.0063	
1440 minute winter	S12	32.003	J30	1.8	0.471	0.135	0.0194	
1440 minute winter	S13	32.007	J33	3.0	1.090	0.031	0.0358	
1440 minute winter	S14	32.009	J34	4.0	0.630	0.079	0.0334	
1440 minute winter	S15	32.013	J37	5.3	1.235	0.057	0.0400	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	780	184.516	0.029	6.2	0.0441	0.0000	OK
1440 minute winter	S17	1080	186.281	0.131	0.8	0.2090	0.0000	SURCHARGED
1440 minute winter	S18	1080	186.281	0.457	2.2	0.6756	0.0000	SURCHARGED
1440 minute winter	S19	1080	186.281	0.515	3.4	0.7425	0.0000	SURCHARGED
1440 minute winter	S20	840	184.658	0.016	0.3	0.0177	0.0000	OK
1440 minute winter	S21	840	184.439	0.030	1.1	0.0399	0.0000	OK
1440 minute winter	S22	810	184.279	0.048	2.3	0.0618	0.0000	OK
1440 minute winter	S23	810	184.257	0.059	3.3	0.0762	0.0000	OK
1440 minute winter	S24	1410	184.126	0.109	6.4	0.1432	0.0000	OK
1440 minute winter	S25	1410	184.126	0.156	7.3	0.2156	0.0000	OK
1440 minute winter	S26	780	185.395	0.018	0.7	0.0261	0.0000	OK
1440 minute winter	FC1	720	188.302	0.052	0.2	0.0665	0.0000	OK
1440 minute winter	FC2	750	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S16	32.015	J38	6.2	0.786	0.019	0.0191	
1440 minute winter	S17	23.001	J20	0.8	0.518	0.134	0.0560	
1440 minute winter	S18	23.006	J24	2.2	0.379	0.068	0.0729	
1440 minute winter	S19	23.010	J27	4.5	0.458	0.150	0.3541	
1440 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035	
1440 minute winter	S21	48.004	J43	1.1	0.393	0.083	0.0144	
1440 minute winter	S22	48.008	J46	2.3	0.372	0.073	0.0152	
1440 minute winter	S23	48.011	J48	3.3	0.415	0.107	0.0089	
1440 minute winter	S24	48.018	J56	6.4	0.450	0.120	0.1041	
1440 minute winter	S25	48.021	BASIN 4	7.3	0.589	0.137	0.1475	
1440 minute winter	S26	65.001	J54	0.7	0.526	0.068	0.0115	
1440 minute winter	FC1	2.000	J1	0.2	0.226	0.032	0.0053	
1440 minute winter	FC1	Infiltration		0.0				0.0
1440 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
1440 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC3	840	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
1440 minute winter	FC4	810	188.251	0.051	0.2	0.0633	0.0000	OK
1440 minute winter	FC5	720	188.052	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC6	810	187.900	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC7	810	187.801	0.051	0.2	0.0637	0.0000	OK
1440 minute winter	FC8	720	187.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC9	810	187.522	0.052	0.2	0.0650	0.0000	OK
1440 minute winter	FC10	840	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
1440 minute winter	FC3	Infiltration		0.0				0.0
1440 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
1440 minute winter	FC4	Infiltration		0.0				0.0
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
1440 minute winter	FC5	Infiltration		0.0				0.0
1440 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
1440 minute winter	FC6	Infiltration		0.0				0.0
1440 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
1440 minute winter	FC7	Infiltration		0.0				0.0
1440 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
1440 minute winter	FC8	Infiltration		0.0				0.0
1440 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
1440 minute winter	FC9	Infiltration		0.0				0.0
1440 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC11	720	187.372	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC12	720	187.282	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC13	720	187.052	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC14	900	186.951	0.051	0.2	0.6551	0.0000	OK
1440 minute winter	FC15	810	187.250	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC16	810	186.952	0.052	0.2	0.0645	0.0000	OK
1440 minute winter	FC17	810	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC10	Infiltration		0.0				0.0
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
1440 minute winter	FC11	Infiltration		0.0				0.0
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
1440 minute winter	FC12	Infiltration		0.0				0.0
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
1440 minute winter	FC13	Infiltration		0.0				0.0
1440 minute winter	FC14	15.000	J13	0.2	0.348	0.034	0.0043	
1440 minute winter	FC14	Infiltration		0.0				0.0
1440 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
1440 minute winter	FC15	Infiltration		0.0				0.0
1440 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
1440 minute winter	FC16	Infiltration		0.0				0.0
1440 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
1440 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC18	810	186.602	0.052	0.2	0.0650	0.0000	OK
1440 minute winter	FC19	720	186.452	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC20	720	187.000	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC21	720	186.352	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC22	810	186.498	0.048	0.2	0.4687	0.0000	OK
1440 minute winter	FC23	810	186.350	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC24	720	186.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC25	720	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
1440 minute winter	FC18	Infiltration		0.0				0.0
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
1440 minute winter	FC19	Infiltration		0.0				0.0
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
1440 minute winter	FC20	Infiltration		0.0				0.0
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0175	
1440 minute winter	FC21	Infiltration		0.0				0.0
1440 minute winter	FC22	23.000	S17	0.2	0.228	0.013	0.0191	
1440 minute winter	FC22	Infiltration		0.0				0.0
1440 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0184	
1440 minute winter	FC23	Infiltration		0.0				0.0
1440 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0189	
1440 minute winter	FC24	Infiltration		0.0				0.0
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0100	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC26	810	186.498	0.048	0.2	0.4857	0.0000	OK
1440 minute winter	FC27	810	186.550	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC28	720	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC29	720	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC30	720	186.800	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC31	810	186.500	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC32	810	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC25	Infiltration		0.0				0.0
1440 minute winter	FC26	27.000	J23	0.2	0.604	0.015	0.0097	
1440 minute winter	FC26	Infiltration		0.0				0.0
1440 minute winter	FC27	28.000	J24	0.2	0.848	0.009	0.0180	
1440 minute winter	FC27	Infiltration		0.0				0.0
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0151	
1440 minute winter	FC28	Infiltration		0.0				0.0
1440 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0164	
1440 minute winter	FC29	Infiltration		0.0				0.0
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
1440 minute winter	FC30	Infiltration		0.0				0.0
1440 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0041	
1440 minute winter	FC31	Infiltration		0.0				0.0
1440 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
1440 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC33	720	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC34	720	186.502	0.052	0.2	0.0668	0.0000	OK
1440 minute winter	FC35	720	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC36	720	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC37	840	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
1440 minute winter	FC38	810	185.497	0.047	0.2	0.5667	0.0000	OK
1440 minute winter	FC39	810	185.500	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC40	720	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
1440 minute winter	FC33	Infiltration		0.0				0.0
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
1440 minute winter	FC34	Infiltration		0.0				0.0
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
1440 minute winter	FC35	Infiltration		0.0				0.0
1440 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
1440 minute winter	FC36	Infiltration		0.0				0.0
1440 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
1440 minute winter	FC37	Infiltration		0.0				0.0
1440 minute winter	FC38	40.000	J34	0.2	0.579	0.015	0.0016	
1440 minute winter	FC38	Infiltration		0.0				0.0
1440 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
1440 minute winter	FC39	Infiltration		0.0				0.0
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC41	720	184.900	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC42	720	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC43	720	184.650	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC44	690	184.610	0.010	0.2	0.0122	0.0000	OK
1440 minute winter	FC45	810	184.650	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC46	840	184.804	0.104	0.3	0.1401	0.0000	SURCHARGED
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	720	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC40	Infiltration		0.0				0.0
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
1440 minute winter	FC41	Infiltration		0.0				0.0
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
1440 minute winter	FC42	Infiltration		0.0				0.0
1440 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
1440 minute winter	FC43	Infiltration		0.0				0.0
1440 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
1440 minute winter	FC44	Infiltration		0.0				0.0
1440 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
1440 minute winter	FC45	Infiltration		0.0				0.0
1440 minute winter	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
1440 minute winter	FC46	Infiltration		0.0				0.0
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
1440 minute winter	FC48	50.000	J42	0.2	0.328	0.014	0.0036	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC49	720	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC50	720	184.852	0.052	0.2	0.0672	0.0000	OK
1440 minute winter	FC51	720	184.902	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC52	720	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC53	720	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC54	810	185.300	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC55	810	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC48	Infiltration		0.0				0.0
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
1440 minute winter	FC49	Infiltration		0.0				0.0
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
1440 minute winter	FC50	Infiltration		0.0				0.0
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
1440 minute winter	FC51	Infiltration		0.0				0.0
1440 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
1440 minute winter	FC52	Infiltration		0.0				0.0
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
1440 minute winter	FC53	Infiltration		0.0				0.0
1440 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
1440 minute winter	FC54	Infiltration		0.0				0.0
1440 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
1440 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC56	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC57	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC58	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC59	810	185.400	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	FC60	720	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC61	720	185.350	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC62	840	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
1440 minute winter	FC63	810	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
1440 minute winter	FC56	Infiltration		0.0				0.0
1440 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
1440 minute winter	FC57	Infiltration		0.0				0.0
1440 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
1440 minute winter	FC58	Infiltration		0.0				0.0
1440 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
1440 minute winter	FC59	Infiltration		0.0				0.0
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
1440 minute winter	FC60	Infiltration		0.0				0.0
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
1440 minute winter	FC61	Infiltration		0.0				0.0
1440 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
1440 minute winter	FC62	Infiltration		0.0				0.0
1440 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC64	810	185.202	0.052	0.2	0.0648	0.0000	OK
1440 minute winter	FC65	720	185.200	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC66	720	185.051	0.051	0.2	0.0660	0.0000	OK
1440 minute winter	FC67	810	184.850	0.050	0.2	0.5096	0.0000	OK
1440 minute winter	FC68	810	184.600	0.050	0.2	0.0628	0.0000	OK
1440 minute winter	J1	720	188.227	0.027	1.2	0.0395	0.0000	OK
1440 minute winter	J2	780	188.095	0.039	1.4	0.0435	0.0000	OK
1440 minute winter	J3	780	188.087	0.037	1.7	0.0414	0.0000	OK
1440 minute winter	J4	780	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC63	Infiltration		0.0				0.0
1440 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
1440 minute winter	FC64	Infiltration		0.0				0.0
1440 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0023	
1440 minute winter	FC65	Infiltration		0.0				0.0
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
1440 minute winter	FC66	Infiltration		0.0				0.0
1440 minute winter	FC67	69.000	J56	0.2	0.337	0.033	0.0012	
1440 minute winter	FC67	Infiltration		0.0				0.0
1440 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
1440 minute winter	FC68	Infiltration		0.0				0.0
1440 minute winter	J1	1.001	J2	1.2	0.732	0.145	0.0082	
1440 minute winter	J2	1.002	J3	1.4	0.407	0.104	0.0036	
1440 minute winter	J3	1.003	J4	1.7	0.646	0.128	0.0052	
1440 minute winter	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J5	780	187.934	0.024	2.1	0.0271	0.0000	OK
1440 minute winter	J6	780	187.682	0.032	2.3	0.0365	0.0000	OK
1440 minute winter	J7	780	187.567	0.042	2.5	0.0471	0.0000	OK
1440 minute winter	J8	720	187.548	0.027	2.8	0.0304	0.0000	OK
1440 minute winter	J9	750	187.319	0.044	2.9	0.0497	0.0000	OK
1440 minute winter	J10	720	187.295	0.025	3.3	0.0284	0.0000	OK
1440 minute winter	J11	750	187.156	0.035	3.4	0.0396	0.0000	OK
1440 minute winter	J12	780	186.852	0.043	4.8	0.0488	0.0000	OK
1440 minute winter	J13	780	186.697	0.070	5.0	0.0790	0.0000	OK
1440 minute winter	J14	780	186.689	0.067	5.2	0.0755	0.0000	OK
1440 minute winter	J15	780	186.677	0.060	5.4	0.0681	0.0000	OK
1440 minute winter	J16	780	186.650	0.045	5.6	0.0504	0.0000	OK
1440 minute winter	J17	780	186.312	0.029	5.8	0.0331	0.0000	OK
1440 minute winter	J18	1080	186.283	0.158	16.8	0.1782	0.0000	OK
1440 minute winter	J19	1020	186.280	0.253	17.9	0.2865	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J5	1.005	J6	2.1	0.922	0.055	0.0130	
1440 minute winter	J6	1.006	J7	2.3	0.895	0.081	0.0051	
1440 minute winter	J7	1.007	J8	2.6	0.691	0.085	0.0043	
1440 minute winter	J8	1.008	J9	2.7	0.678	0.030	0.0343	
1440 minute winter	J9	1.009	J10	3.0	0.770	0.089	0.0047	
1440 minute winter	J10	1.010	J11	3.2	1.020	0.025	0.0077	
1440 minute winter	J11	1.011	S2	3.4	0.534	0.053	0.0349	
1440 minute winter	J12	1.013	J13	4.8	0.945	0.072	0.0329	
1440 minute winter	J13	1.014	J14	5.0	0.416	0.088	0.0228	
1440 minute winter	J14	1.015	J15	5.2	0.479	0.092	0.0208	
1440 minute winter	J15	1.016	J16	5.4	0.656	0.101	0.0425	
1440 minute winter	J16	1.017	J17	5.6	0.921	0.039	0.0204	
1440 minute winter	J17	1.018	S3	5.8	0.845	0.019	0.0330	
1440 minute winter	J18	1.020	J19	17.3	0.761	0.060	0.0747	
1440 minute winter	J19	1.021	S4	8.3	0.582	0.151	0.2837	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J20	1080	186.281	0.250	1.0	0.2828	0.0000	SURCHARGED
1440 minute winter	J21	1080	186.281	0.272	1.2	0.3079	0.0000	SURCHARGED
1440 minute winter	J22	1080	186.281	0.318	1.4	0.3599	0.0000	SURCHARGED
1440 minute winter	J23	1080	186.281	0.339	1.6	0.3834	0.0000	SURCHARGED
1440 minute winter	J24	1080	186.281	0.464	2.4	0.5247	0.0000	SURCHARGED
1440 minute winter	J25	1050	186.281	0.485	2.6	0.5483	0.0000	SURCHARGED
1440 minute winter	J26	1080	186.281	0.502	7.6	0.5674	0.0000	SURCHARGED
1440 minute winter	J27	1050	186.280	0.544	9.5	0.6155	0.0000	SURCHARGED
1440 minute winter	J28	780	186.381	0.025	0.8	0.0282	0.0000	OK
1440 minute winter	J29	780	186.300	0.029	1.0	0.0328	0.0000	OK
1440 minute winter	J30	780	186.189	0.041	2.0	0.0469	0.0000	OK
1440 minute winter	J31	780	186.086	0.042	2.2	0.0480	0.0000	OK
1440 minute winter	J32	780	186.053	0.042	2.4	0.0477	0.0000	OK
1440 minute winter	J33	810	185.563	0.027	3.3	0.0311	0.0000	OK
1440 minute winter	J34	780	185.177	0.052	4.2	0.0588	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J20	23.002	J21	1.0	0.400	0.074	0.0665	
1440 minute winter	J21	23.003	J22	1.2	0.422	0.089	0.1411	
1440 minute winter	J22	23.004	J23	1.4	0.451	0.103	0.0633	
1440 minute winter	J23	23.005	S18	1.6	0.500	0.118	0.1321	
1440 minute winter	J24	23.007	J25	2.4	0.400	0.078	0.2458	
1440 minute winter	J25	23.008	J26	4.2	0.397	0.139	0.1975	
1440 minute winter	J26	23.009	S19	-3.3	0.399	-0.107	0.1474	
1440 minute winter	J27	23.011	S4	6.7	0.520	0.224	0.0951	
1440 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150	
1440 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085	
1440 minute winter	J30	32.004	J31	2.0	0.525	0.151	0.0190	
1440 minute winter	J31	32.005	J32	2.2	0.427	0.073	0.0503	
1440 minute winter	J32	32.006	S13	2.4	0.618	0.080	0.0209	
1440 minute winter	J33	32.008	S14	3.3	0.794	0.032	0.0389	
1440 minute winter	J34	32.010	J35	4.2	0.795	0.109	0.0481	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J35	780	185.109	0.034	4.4	0.0383	0.0000	OK
1440 minute winter	J36	780	184.931	0.056	4.6	0.0628	0.0000	OK
1440 minute winter	J37	780	184.559	0.059	5.5	0.0662	0.0000	OK
1440 minute winter	J38	780	184.373	0.073	6.4	0.0821	0.0000	OK
1440 minute winter	J39	780	184.342	0.068	6.6	0.0765	0.0000	OK
1440 minute winter	J40	780	184.320	0.055	6.8	0.0627	0.0000	OK
1440 minute winter	J41	840	184.612	0.015	0.3	0.0173	0.0000	OK
1440 minute winter	J42	840	184.557	0.020	0.5	0.0227	0.0000	OK
1440 minute winter	J43	810	184.415	0.035	1.3	0.0398	0.0000	OK
1440 minute winter	J44	810	184.405	0.035	1.5	0.0391	0.0000	OK
1440 minute winter	J45	810	184.359	0.039	1.7	0.0438	0.0000	OK
1440 minute winter	J46	810	184.271	0.049	2.5	0.0554	0.0000	OK
1440 minute winter	J47	810	184.263	0.056	2.7	0.0628	0.0000	OK
1440 minute winter	J48	810	184.250	0.056	3.5	0.0629	0.0000	OK
1440 minute winter	J49	810	184.234	0.065	3.7	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J35	32.011	J36	4.4	0.787	0.049	0.0390	
1440 minute winter	J36	32.012	S15	4.6	0.772	0.153	0.0142	
1440 minute winter	J37	32.014	S16	5.5	0.866	0.099	0.0340	
1440 minute winter	J38	32.016	J39	6.4	0.511	0.118	0.1352	
1440 minute winter	J39	32.017	J40	6.6	0.635	0.120	0.0380	
1440 minute winter	J40	32.018	S10	6.8	0.789	0.068	0.0824	
1440 minute winter	J41	48.002	J42	0.3	0.322	0.051	0.0058	
1440 minute winter	J42	48.003	S21	0.5	0.454	0.085	0.0090	
1440 minute winter	J43	48.005	J44	1.3	0.430	0.093	0.0050	
1440 minute winter	J44	48.006	J45	1.5	0.452	0.112	0.0292	
1440 minute winter	J45	48.007	S22	1.7	0.500	0.125	0.0081	
1440 minute winter	J46	48.009	J47	2.5	0.358	0.081	0.0294	
1440 minute winter	J47	48.010	S23	2.7	0.340	0.090	0.0210	
1440 minute winter	J48	48.012	J49	3.5	0.411	0.117	0.0634	
1440 minute winter	J49	48.013	J50	3.7	0.405	0.121	0.0104	

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J50	810	184.227	0.062	3.9	0.0700	0.0000	OK
1440 minute winter	J51	810	184.215	0.067	4.1	0.0757	0.0000	OK
1440 minute winter	J52	810	184.207	0.063	4.4	0.0713	0.0000	OK
1440 minute winter	J53	810	184.188	0.061	4.6	0.0695	0.0000	OK
1440 minute winter	J54	780	185.157	0.028	0.9	0.0314	0.0000	OK
1440 minute winter	J55	780	185.121	0.026	1.1	0.0299	0.0000	OK
1440 minute winter	J56	1410	184.126	0.119	6.6	0.1345	0.0000	OK
1440 minute winter	J57	1410	184.126	0.141	6.8	0.1594	0.0000	OK
1440 minute winter	BASIN 1	1080	186.281	1.355	10.9	179.3211	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1080	184.852	0.552	4.1	55.9267	0.0000	OK
1440 minute winter	BASIN 3	1680	183.787	0.687	12.1	483.4370	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J50	48.014	J51	3.9	0.417	0.131	0.0475	
1440 minute winter	J51	48.015	J52	4.1	0.433	0.134	0.0108	
1440 minute winter	J52	48.016	J53	4.4	0.493	0.144	0.0435	
1440 minute winter	J53	48.017	S24	4.6	0.569	0.153	0.0830	
1440 minute winter	J54	65.002	J55	0.9	0.526	0.152	0.0062	
1440 minute winter	J55	65.003	S24	1.1	0.678	0.145	0.0127	
1440 minute winter	J56	48.019	J57	6.6	0.465	0.122	0.2656	
1440 minute winter	J57	48.020	S25	6.8	0.480	0.124	0.2124	
1440 minute winter	BASIN 1	1.023	S5	4.0	0.123	0.048	0.9418	
1440 minute winter	BASIN 1	Infiltration		0.1				8.5
1440 minute winter	BASIN 2	1.027	S7	4.0	0.585	0.049	0.1542	
1440 minute winter	BASIN 2	71.000	BH1	0.7	0.465	0.118	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
1440 minute winter	BASIN 3	1.034	BH2	0.8	0.438	0.006	1.8265	
1440 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.94%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1410	184.126	0.796	8.1	246.1171	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1080	184.930	0.056	4.0	0.0795	0.0000	OK
1440 minute winter	SWALE 2	1080	184.431	0.056	4.0	0.0798	0.0000	OK
1440 minute winter	SWALE 3	780	184.071	0.076	11.2	0.1092	0.0000	OK
1440 minute winter	BH1	1080	184.852	0.775	0.7	3.0497	0.0000	OK
1440 minute winter	BH2	1680	183.787	0.704	0.8	5.1012	0.0000	OK
1440 minute winter	BH3	1410	184.126	0.807	0.4	5.3705	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.4	0.276	0.007	0.3211	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
1440 minute winter	SWALE 1	1.025	S6	4.0	0.386	0.049	0.3934	
1440 minute winter	SWALE 2	1.029	S8	4.0	0.559	0.049	0.1897	
1440 minute winter	SWALE 3	1.033	BASIN 3	11.2	0.710	0.090	0.6815	
1440 minute winter	BH1	Infiltration		0.1				8.5
1440 minute winter	BH2	Infiltration		0.2				9.4
1440 minute winter	BH3	Infiltration		0.2				15.8

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S1	1140	188.386	0.016	0.5	0.0240	0.0000	OK
2160 minute summer	S2	1140	187.103	0.064	4.7	0.1103	0.0000	OK
2160 minute summer	S3	1140	186.201	0.064	6.6	0.0852	0.0000	OK
2160 minute summer	S4	1440	186.190	0.812	11.1	1.0412	0.0000	SURCHARGED
2160 minute summer	S5	1440	186.188	1.278	3.9	1.8284	0.0000	SURCHARGED
2160 minute summer	S6	1440	184.865	0.057	3.9	0.0813	0.0000	OK
2160 minute summer	S7	1440	184.789	0.030	3.9	0.0424	0.0000	OK
2160 minute summer	S8	1440	184.362	0.032	3.9	0.0455	0.0000	OK
2160 minute summer	S9	1200	184.180	0.054	3.9	0.0780	0.0000	OK
2160 minute summer	S10	1140	184.165	0.052	11.7	0.0949	0.0000	OK
2160 minute summer	S11	1140	186.424	0.024	0.7	0.0376	0.0000	OK
2160 minute summer	S12	1140	186.218	0.042	2.0	0.0618	0.0000	OK
2160 minute summer	S13	1140	186.022	0.029	3.3	0.0431	0.0000	OK
2160 minute summer	S14	1140	185.224	0.049	4.4	0.0764	0.0000	OK
2160 minute summer	S15	1140	184.907	0.040	5.8	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S1	1.000	J1	0.5	0.404	0.057	0.0103	
2160 minute summer	S2	1.012	J12	4.7	0.561	0.157	0.0125	
2160 minute summer	S3	1.019	J18	6.6	0.843	0.124	0.0417	
2160 minute summer	S4	1.022	BASIN 1	11.0	0.693	0.066	1.1778	
2160 minute summer	S5	1.024	SWALE 1	3.9	0.386	0.046	0.2039	
2160 minute summer	S6	1.026	BASIN 2	3.9	0.414	0.045	0.0582	
2160 minute summer	S7	1.028	SWALE 2	3.9	0.574	0.013	0.1167	
2160 minute summer	S8	1.030	S9	3.9	0.596	0.015	0.0848	
2160 minute summer	S9	1.031	S10	3.9	0.594	0.046	0.0630	
2160 minute summer	S10	1.032	SWALE 3	11.7	0.919	0.036	0.0563	
2160 minute summer	S11	32.000	J28	0.7	0.454	0.118	0.0070	
2160 minute summer	S12	32.003	J30	2.0	0.485	0.150	0.0210	
2160 minute summer	S13	32.007	J33	3.3	1.125	0.034	0.0382	
2160 minute summer	S14	32.009	J34	4.4	0.645	0.087	0.0357	
2160 minute summer	S15	32.013	J37	5.8	1.266	0.063	0.0426	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S16	1140	184.517	0.030	6.8	0.0461	0.0000	OK
2160 minute summer	S17	1440	186.189	0.039	0.9	0.0615	0.0000	OK
2160 minute summer	S18	1440	186.188	0.363	2.4	0.5372	0.0000	SURCHARGED
2160 minute summer	S19	1380	186.187	0.421	3.5	0.6065	0.0000	SURCHARGED
2160 minute summer	S20	1200	184.658	0.016	0.3	0.0177	0.0000	OK
2160 minute summer	S21	1140	184.441	0.031	1.2	0.0418	0.0000	OK
2160 minute summer	S22	1140	184.281	0.050	2.5	0.0649	0.0000	OK
2160 minute summer	S23	1140	184.260	0.062	3.6	0.0800	0.0000	OK
2160 minute summer	S24	2160	184.130	0.113	6.7	0.1490	0.0000	OK
2160 minute summer	S25	2160	184.130	0.160	7.6	0.2217	0.0000	OK
2160 minute summer	S26	1140	185.395	0.018	0.7	0.0261	0.0000	OK
2160 minute summer	FC1	1200	188.302	0.052	0.2	0.0665	0.0000	OK
2160 minute summer	FC2	1200	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S16	32.015	J38	6.8	0.808	0.021	0.0204	
2160 minute summer	S17	23.001	J20	0.9	0.534	0.149	0.0380	
2160 minute summer	S18	23.006	J24	2.3	0.385	0.072	0.0729	
2160 minute summer	S19	23.010	J27	3.5	0.465	0.118	0.3541	
2160 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
2160 minute summer	S21	48.004	J43	1.2	0.401	0.090	0.0153	
2160 minute summer	S22	48.008	J46	2.5	0.375	0.080	0.0163	
2160 minute summer	S23	48.011	J48	3.6	0.423	0.117	0.0096	
2160 minute summer	S24	48.018	J56	6.7	0.455	0.125	0.1096	
2160 minute summer	S25	48.021	BASIN 4	7.6	0.595	0.142	0.1525	
2160 minute summer	S26	65.001	J54	0.7	0.525	0.068	0.0115	
2160 minute summer	FC1	2.000	J1	0.2	0.212	0.032	0.0053	
2160 minute summer	FC1	Infiltration		0.0				0.0
2160 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2160 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC3	1200	188.303	0.103	0.3	0.1395	0.0000	SURCHARGED
2160 minute summer	FC4	1140	188.251	0.051	0.2	0.0633	0.0000	OK
2160 minute summer	FC5	1200	188.052	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC6	1140	187.900	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC7	1140	187.801	0.051	0.2	0.0637	0.0000	OK
2160 minute summer	FC8	1200	187.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC9	1140	187.522	0.052	0.2	0.0649	0.0000	OK
2160 minute summer	FC10	1200	187.573	0.103	0.3	0.1390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
2160 minute summer	FC3	Infiltration		0.0				0.0
2160 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2160 minute summer	FC4	Infiltration		0.0				0.0
2160 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2160 minute summer	FC5	Infiltration		0.0				0.0
2160 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2160 minute summer	FC6	Infiltration		0.0				0.0
2160 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2160 minute summer	FC7	Infiltration		0.0				0.0
2160 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2160 minute summer	FC8	Infiltration		0.0				0.0
2160 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2160 minute summer	FC9	Infiltration		0.0				0.0
2160 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC11	1200	187.372	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC12	1200	187.282	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC13	1200	187.052	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC14	1200	186.949	0.049	0.2	0.6294	0.0000	OK
2160 minute summer	FC15	1140	187.250	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC16	1140	186.952	0.052	0.2	0.0645	0.0000	OK
2160 minute summer	FC17	1140	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC10	Infiltration		0.0				0.0
2160 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2160 minute summer	FC11	Infiltration		0.0				0.0
2160 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2160 minute summer	FC12	Infiltration		0.0				0.0
2160 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2160 minute summer	FC13	Infiltration		0.0				0.0
2160 minute summer	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2160 minute summer	FC14	Infiltration		0.0				0.0
2160 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
2160 minute summer	FC15	Infiltration		0.0				0.0
2160 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
2160 minute summer	FC16	Infiltration		0.0				0.0
2160 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
2160 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC18	1140	186.602	0.052	0.2	0.0650	0.0000	OK
2160 minute summer	FC19	1200	186.452	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC20	1200	187.000	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC21	1200	186.352	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC22	1140	186.494	0.044	0.2	0.4250	0.0000	OK
2160 minute summer	FC23	1140	186.350	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC24	1200	186.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC25	1200	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
2160 minute summer	FC18	Infiltration		0.0				0.0
2160 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2160 minute summer	FC19	Infiltration		0.0				0.0
2160 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2160 minute summer	FC20	Infiltration		0.0				0.0
2160 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2160 minute summer	FC21	Infiltration		0.0				0.0
2160 minute summer	FC22	23.000	S17	0.2	0.209	0.012	0.0069	
2160 minute summer	FC22	Infiltration		0.0				0.0
2160 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0184	
2160 minute summer	FC23	Infiltration		0.0				0.0
2160 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0186	
2160 minute summer	FC24	Infiltration		0.0				0.0
2160 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC26	1140	186.494	0.044	0.2	0.4387	0.0000	OK
2160 minute summer	FC27	1140	186.550	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC28	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC29	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC30	1200	186.800	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC31	1140	186.500	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC32	1140	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC25	Infiltration		0.0				0.0
2160 minute summer	FC26	27.000	J23	0.2	0.591	0.014	0.0014	
2160 minute summer	FC26	Infiltration		0.0				0.0
2160 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0179	
2160 minute summer	FC27	Infiltration		0.0				0.0
2160 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2160 minute summer	FC28	Infiltration		0.0				0.0
2160 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2160 minute summer	FC29	Infiltration		0.0				0.0
2160 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2160 minute summer	FC30	Infiltration		0.0				0.0
2160 minute summer	FC31	33.000	J28	0.2	0.203	0.022	0.0044	
2160 minute summer	FC31	Infiltration		0.0				0.0
2160 minute summer	FC32	34.000	J29	0.2	0.184	0.016	0.0049	
2160 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC33	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC34	1200	186.502	0.052	0.2	0.0668	0.0000	OK
2160 minute summer	FC35	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC36	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC37	1200	185.901	0.101	0.3	0.1364	0.0000	SURCHARGED
2160 minute summer	FC38	1140	185.492	0.042	0.2	0.5037	0.0000	OK
2160 minute summer	FC39	1140	185.500	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC40	1200	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2160 minute summer	FC33	Infiltration		0.0				0.0
2160 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2160 minute summer	FC34	Infiltration		0.0				0.0
2160 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2160 minute summer	FC35	Infiltration		0.0				0.0
2160 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2160 minute summer	FC36	Infiltration		0.0				0.0
2160 minute summer	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
2160 minute summer	FC37	Infiltration		0.0				0.0
2160 minute summer	FC38	40.000	J34	0.2	0.564	0.014	0.0015	
2160 minute summer	FC38	Infiltration		0.0				0.0
2160 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2160 minute summer	FC39	Infiltration		0.0				0.0
2160 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC41	1200	184.900	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC42	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC43	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC44	1140	184.610	0.010	0.2	0.0122	0.0000	OK
2160 minute summer	FC45	1140	184.650	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC46	1200	184.804	0.104	0.3	0.1401	0.0000	SURCHARGED
2160 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	FC48	1200	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC40	Infiltration		0.0				0.0
2160 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2160 minute summer	FC41	Infiltration		0.0				0.0
2160 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2160 minute summer	FC42	Infiltration		0.0				0.0
2160 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2160 minute summer	FC43	Infiltration		0.0				0.0
2160 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
2160 minute summer	FC44	Infiltration		0.0				0.0
2160 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
2160 minute summer	FC45	Infiltration		0.0				0.0
2160 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
2160 minute summer	FC46	Infiltration		0.0				0.0
2160 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
2160 minute summer	FC48	50.000	J42	0.2	0.294	0.014	0.0036	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC49	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC50	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute summer	FC51	1200	184.902	0.052	0.2	0.0671	0.0000	OK
2160 minute summer	FC52	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC53	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC54	1140	185.300	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC55	1140	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC48	Infiltration		0.0				0.0
2160 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2160 minute summer	FC49	Infiltration		0.0				0.0
2160 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2160 minute summer	FC50	Infiltration		0.0				0.0
2160 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2160 minute summer	FC51	Infiltration		0.0				0.0
2160 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2160 minute summer	FC52	Infiltration		0.0				0.0
2160 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2160 minute summer	FC53	Infiltration		0.0				0.0
2160 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2160 minute summer	FC54	Infiltration		0.0				0.0
2160 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2160 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC56	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC57	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC58	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC59	1140	185.400	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	FC60	1200	185.400	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC61	1200	185.350	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC62	1200	185.352	0.102	0.3	0.1376	0.0000	SURCHARGED
2160 minute summer	FC63	1140	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2160 minute summer	FC56	Infiltration		0.0				0.0
2160 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2160 minute summer	FC57	Infiltration		0.0				0.0
2160 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2160 minute summer	FC58	Infiltration		0.0				0.0
2160 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2160 minute summer	FC59	Infiltration		0.0				0.0
2160 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2160 minute summer	FC60	Infiltration		0.0				0.0
2160 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2160 minute summer	FC61	Infiltration		0.0				0.0
2160 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
2160 minute summer	FC62	Infiltration		0.0				0.0
2160 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC64	1140	185.202	0.052	0.2	0.0648	0.0000	OK
2160 minute summer	FC65	1200	185.200	0.050	0.2	0.0648	0.0000	OK
2160 minute summer	FC66	1200	185.051	0.051	0.2	0.0660	0.0000	OK
2160 minute summer	FC67	1140	184.844	0.044	0.2	0.4531	0.0000	OK
2160 minute summer	FC68	1140	184.600	0.050	0.2	0.0628	0.0000	OK
2160 minute summer	J1	1140	188.227	0.027	1.2	0.0395	0.0000	OK
2160 minute summer	J2	1140	188.095	0.039	1.4	0.0435	0.0000	OK
2160 minute summer	J3	1140	188.087	0.037	1.7	0.0414	0.0000	OK
2160 minute summer	J4	1140	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC63	Infiltration		0.0				0.0
2160 minute summer	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
2160 minute summer	FC64	Infiltration		0.0				0.0
2160 minute summer	FC65	67.000	J55	0.2	0.275	0.021	0.0023	
2160 minute summer	FC65	Infiltration		0.0				0.0
2160 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2160 minute summer	FC66	Infiltration		0.0				0.0
2160 minute summer	FC67	69.000	J56	0.2	0.330	0.030	0.0011	
2160 minute summer	FC67	Infiltration		0.0				0.0
2160 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
2160 minute summer	FC68	Infiltration		0.0				0.0
2160 minute summer	J1	1.001	J2	1.2	0.732	0.145	0.0082	
2160 minute summer	J2	1.002	J3	1.4	0.407	0.104	0.0036	
2160 minute summer	J3	1.003	J4	1.7	0.647	0.128	0.0052	
2160 minute summer	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J5	1140	187.934	0.024	2.1	0.0271	0.0000	OK
2160 minute summer	J6	1140	187.682	0.032	2.3	0.0365	0.0000	OK
2160 minute summer	J7	1140	187.566	0.041	2.5	0.0467	0.0000	OK
2160 minute summer	J8	1140	187.548	0.027	2.8	0.0305	0.0000	OK
2160 minute summer	J9	1140	187.319	0.044	2.9	0.0497	0.0000	OK
2160 minute summer	J10	1140	187.295	0.025	3.1	0.0284	0.0000	OK
2160 minute summer	J11	1140	187.156	0.035	3.4	0.0396	0.0000	OK
2160 minute summer	J12	1140	186.853	0.044	4.9	0.0493	0.0000	OK
2160 minute summer	J13	1140	186.697	0.070	5.1	0.0797	0.0000	OK
2160 minute summer	J14	1140	186.689	0.067	5.3	0.0761	0.0000	OK
2160 minute summer	J15	1140	186.678	0.061	5.5	0.0687	0.0000	OK
2160 minute summer	J16	1140	186.650	0.045	5.7	0.0509	0.0000	OK
2160 minute summer	J17	1140	186.313	0.030	5.9	0.0334	0.0000	OK
2160 minute summer	J18	1440	186.183	0.058	6.8	0.0656	0.0000	OK
2160 minute summer	J19	1380	186.196	0.169	12.6	0.1907	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J5	1.005	J6	2.1	0.922	0.055	0.0130	
2160 minute summer	J6	1.006	J7	2.3	0.895	0.081	0.0051	
2160 minute summer	J7	1.007	J8	2.6	0.689	0.085	0.0043	
2160 minute summer	J8	1.008	J9	2.7	0.678	0.030	0.0344	
2160 minute summer	J9	1.009	J10	2.8	0.745	0.085	0.0047	
2160 minute summer	J10	1.010	J11	3.2	1.019	0.025	0.0077	
2160 minute summer	J11	1.011	S2	3.4	0.528	0.053	0.0353	
2160 minute summer	J12	1.013	J13	4.9	0.950	0.073	0.0334	
2160 minute summer	J13	1.014	J14	5.1	0.418	0.090	0.0231	
2160 minute summer	J14	1.015	J15	5.3	0.482	0.094	0.0210	
2160 minute summer	J15	1.016	J16	5.5	0.659	0.103	0.0430	
2160 minute summer	J16	1.017	J17	5.7	0.925	0.040	0.0207	
2160 minute summer	J17	1.018	S3	5.9	0.843	0.019	0.0137	
2160 minute summer	J18	1.020	J19	11.7	0.766	0.041	0.0347	
2160 minute summer	J19	1.021	S4	7.0	0.586	0.127	0.1769	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J20	1440	186.189	0.158	1.1	0.1782	0.0000	SURCHARGED
2160 minute summer	J21	1440	186.189	0.180	1.3	0.2032	0.0000	SURCHARGED
2160 minute summer	J22	1440	186.188	0.225	1.5	0.2549	0.0000	SURCHARGED
2160 minute summer	J23	1440	186.189	0.247	1.7	0.2792	0.0000	SURCHARGED
2160 minute summer	J24	1440	186.188	0.371	2.5	0.4198	0.0000	SURCHARGED
2160 minute summer	J25	1440	186.192	0.396	2.6	0.4475	0.0000	SURCHARGED
2160 minute summer	J26	1440	186.188	0.409	2.8	0.4621	0.0000	SURCHARGED
2160 minute summer	J27	1440	186.194	0.457	3.7	0.5174	0.0000	SURCHARGED
2160 minute summer	J28	1140	186.383	0.027	0.9	0.0300	0.0000	OK
2160 minute summer	J29	1140	186.302	0.031	1.1	0.0346	0.0000	OK
2160 minute summer	J30	1140	186.191	0.044	2.2	0.0493	0.0000	OK
2160 minute summer	J31	1140	186.088	0.044	2.4	0.0502	0.0000	OK
2160 minute summer	J32	1140	186.055	0.044	2.6	0.0496	0.0000	OK
2160 minute summer	J33	1140	185.564	0.029	3.6	0.0324	0.0000	OK
2160 minute summer	J34	1140	185.179	0.054	4.6	0.0615	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J20	23.002	J21	1.1	0.411	0.080	0.0665	
2160 minute summer	J21	23.003	J22	1.3	0.430	0.096	0.1411	
2160 minute summer	J22	23.004	J23	1.5	0.448	0.110	0.0633	
2160 minute summer	J23	23.005	S18	1.7	0.508	0.124	0.1321	
2160 minute summer	J24	23.007	J25	2.4	0.404	0.081	0.2458	
2160 minute summer	J25	23.008	J26	2.6	0.398	0.088	0.1975	
2160 minute summer	J26	23.009	S19	2.8	0.395	0.093	0.1474	
2160 minute summer	J27	23.011	S4	3.7	0.527	0.125	0.0951	
2160 minute summer	J28	32.001	J29	0.9	0.489	0.152	0.0163	
2160 minute summer	J29	32.002	S12	1.1	0.562	0.185	0.0091	
2160 minute summer	J30	32.004	J31	2.2	0.539	0.166	0.0203	
2160 minute summer	J31	32.005	J32	2.4	0.439	0.080	0.0533	
2160 minute summer	J32	32.006	S13	2.6	0.629	0.086	0.0222	
2160 minute summer	J33	32.008	S14	3.6	0.798	0.035	0.0417	
2160 minute summer	J34	32.010	J35	4.6	0.817	0.119	0.0512	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J35	1140	185.110	0.035	4.8	0.0399	0.0000	OK
2160 minute summer	J36	1140	184.933	0.058	5.0	0.0654	0.0000	OK
2160 minute summer	J37	1140	184.561	0.061	6.0	0.0688	0.0000	OK
2160 minute summer	J38	1140	184.376	0.076	7.0	0.0859	0.0000	OK
2160 minute summer	J39	1140	184.345	0.071	7.2	0.0798	0.0000	OK
2160 minute summer	J40	1140	184.323	0.058	7.4	0.0654	0.0000	OK
2160 minute summer	J41	1200	184.612	0.015	0.3	0.0173	0.0000	OK
2160 minute summer	J42	1200	184.557	0.020	0.5	0.0227	0.0000	OK
2160 minute summer	J43	1140	184.417	0.037	1.4	0.0414	0.0000	OK
2160 minute summer	J44	1140	184.406	0.036	1.6	0.0405	0.0000	OK
2160 minute summer	J45	1140	184.360	0.040	1.8	0.0451	0.0000	OK
2160 minute summer	J46	1140	184.274	0.051	2.7	0.0582	0.0000	OK
2160 minute summer	J47	1140	184.265	0.058	2.9	0.0660	0.0000	OK
2160 minute summer	J48	1140	184.252	0.058	3.8	0.0660	0.0000	OK
2160 minute summer	J49	1140	184.237	0.068	4.0	0.0764	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J35	32.011	J36	4.8	0.807	0.054	0.0413	
2160 minute summer	J36	32.012	S15	5.0	0.788	0.166	0.0151	
2160 minute summer	J37	32.014	S16	6.0	0.890	0.108	0.0360	
2160 minute summer	J38	32.016	J39	7.0	0.525	0.129	0.1439	
2160 minute summer	J39	32.017	J40	7.2	0.651	0.131	0.0404	
2160 minute summer	J40	32.018	S10	7.4	0.807	0.074	0.0875	
2160 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0058	
2160 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0090	
2160 minute summer	J43	48.005	J44	1.4	0.431	0.100	0.0052	
2160 minute summer	J44	48.006	J45	1.6	0.460	0.120	0.0305	
2160 minute summer	J45	48.007	S22	1.8	0.508	0.133	0.0084	
2160 minute summer	J46	48.009	J47	2.7	0.361	0.088	0.0315	
2160 minute summer	J47	48.010	S23	2.9	0.341	0.096	0.0225	
2160 minute summer	J48	48.012	J49	3.8	0.419	0.127	0.0676	
2160 minute summer	J49	48.013	J50	4.0	0.413	0.131	0.0110	

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J50	1140	184.230	0.065	4.2	0.0730	0.0000	OK
2160 minute summer	J51	1140	184.218	0.069	4.4	0.0786	0.0000	OK
2160 minute summer	J52	1140	184.209	0.065	4.7	0.0739	0.0000	OK
2160 minute summer	J53	1140	184.191	0.063	4.9	0.0718	0.0000	OK
2160 minute summer	J54	1140	185.157	0.028	0.9	0.0314	0.0000	OK
2160 minute summer	J55	1140	185.121	0.026	1.1	0.0299	0.0000	OK
2160 minute summer	J56	2160	184.130	0.123	6.9	0.1395	0.0000	OK
2160 minute summer	J57	2160	184.130	0.145	7.1	0.1644	0.0000	OK
2160 minute summer	BASIN 1	1440	186.188	1.263	11.3	163.5963	0.0000	SURCHARGED
2160 minute summer	BASIN 2	1440	184.851	0.551	4.0	55.8245	0.0000	OK
2160 minute summer	BASIN 3	2400	183.955	0.855	12.8	562.1161	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J50	48.014	J51	4.2	0.425	0.141	0.0502	
2160 minute summer	J51	48.015	J52	4.4	0.441	0.144	0.0113	
2160 minute summer	J52	48.016	J53	4.7	0.502	0.154	0.0456	
2160 minute summer	J53	48.017	S24	4.9	0.578	0.162	0.0870	
2160 minute summer	J54	65.002	J55	0.9	0.526	0.152	0.0062	
2160 minute summer	J55	65.003	S24	1.1	0.678	0.145	0.0127	
2160 minute summer	J56	48.019	J57	6.9	0.470	0.127	0.2776	
2160 minute summer	J57	48.020	S25	7.1	0.486	0.130	0.2205	
2160 minute summer	BASIN 1	1.023	S5	3.9	0.096	0.047	0.9418	
2160 minute summer	BASIN 1	Infiltration		0.1				10.6
2160 minute summer	BASIN 2	1.027	S7	3.9	0.579	0.047	0.1506	
2160 minute summer	BASIN 2	71.000	BH1	0.4	0.396	0.061	0.1829	
2160 minute summer	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	0.6	0.068	0.005	1.8265	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	BASIN 4	2160	184.130	0.800	8.5	247.6193	0.0000	SURCHARGED
2160 minute summer	SWALE 1	1440	184.929	0.055	3.9	0.0780	0.0000	OK
2160 minute summer	SWALE 2	1440	184.430	0.055	3.9	0.0785	0.0000	OK
2160 minute summer	SWALE 3	1140	184.073	0.078	11.7	0.1118	0.0000	OK
2160 minute summer	BH1	1440	184.851	0.774	0.4	3.0472	0.0000	OK
2160 minute summer	BH2	2400	183.955	0.872	0.6	5.9378	0.0000	OK
2160 minute summer	BH3	2160	184.130	0.811	0.3	5.3911	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	BASIN 4	48.022	BH3	0.3	0.228	0.006	0.3211	
2160 minute summer	BASIN 4	Infiltration		0.0				0.0
2160 minute summer	SWALE 1	1.025	S6	3.9	0.382	0.047	0.3834	
2160 minute summer	SWALE 2	1.029	S8	3.9	0.553	0.047	0.1853	
2160 minute summer	SWALE 3	1.033	BASIN 3	11.7	0.718	0.094	0.8357	
2160 minute summer	BH1	Infiltration		0.1				12.2
2160 minute summer	BH2	Infiltration		0.2				13.4
2160 minute summer	BH3	Infiltration		0.2				22.4

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S1	1140	188.385	0.015	0.4	0.0215	0.0000	OK
2160 minute winter	S2	1140	187.095	0.056	3.6	0.0962	0.0000	OK
2160 minute winter	S3	1140	186.193	0.056	4.9	0.0741	0.0000	OK
2160 minute winter	S4	1500	186.192	0.814	8.5	1.0436	0.0000	SURCHARGED
2160 minute winter	S5	1560	186.192	1.282	3.9	1.8339	0.0000	SURCHARGED
2160 minute winter	S6	1560	184.865	0.057	3.9	0.0813	0.0000	OK
2160 minute winter	S7	1560	184.789	0.030	3.9	0.0424	0.0000	OK
2160 minute winter	S8	1560	184.362	0.032	3.9	0.0455	0.0000	OK
2160 minute winter	S9	1200	184.178	0.053	3.9	0.0764	0.0000	OK
2160 minute winter	S10	1140	184.159	0.046	9.3	0.0830	0.0000	OK
2160 minute winter	S11	1140	186.420	0.020	0.5	0.0316	0.0000	OK
2160 minute winter	S12	1140	186.210	0.034	1.4	0.0509	0.0000	OK
2160 minute winter	S13	1140	186.018	0.025	2.5	0.0377	0.0000	OK
2160 minute winter	S14	1140	185.216	0.041	3.2	0.0643	0.0000	OK
2160 minute winter	S15	1140	184.900	0.033	4.1	0.0524	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S1	1.000	J1	0.4	0.373	0.046	0.0090	
2160 minute winter	S2	1.012	J12	3.6	0.521	0.121	0.0103	
2160 minute winter	S3	1.019	J18	4.9	0.784	0.092	0.0455	
2160 minute winter	S4	1.022	BASIN 1	8.4	0.682	0.050	1.1778	
2160 minute winter	S5	1.024	SWALE 1	3.9	0.387	0.047	0.2041	
2160 minute winter	S6	1.026	BASIN 2	3.9	0.415	0.045	0.0582	
2160 minute winter	S7	1.028	SWALE 2	3.9	0.574	0.013	0.1169	
2160 minute winter	S8	1.030	S9	3.9	0.597	0.015	0.0828	
2160 minute winter	S9	1.031	S10	3.9	0.596	0.046	0.0572	
2160 minute winter	S10	1.032	SWALE 3	9.3	0.870	0.028	0.0471	
2160 minute winter	S11	32.000	J28	0.5	0.424	0.084	0.0053	
2160 minute winter	S12	32.003	J30	1.4	0.438	0.105	0.0163	
2160 minute winter	S13	32.007	J33	2.5	1.039	0.026	0.0313	
2160 minute winter	S14	32.009	J34	3.2	0.596	0.063	0.0282	
2160 minute winter	S15	32.013	J37	4.1	1.150	0.044	0.0333	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S16	1140	184.513	0.026	4.8	0.0392	0.0000	OK
2160 minute winter	S17	1560	186.193	0.042	0.6	0.0676	0.0000	OK
2160 minute winter	S18	1560	186.193	0.369	1.8	0.5451	0.0000	SURCHARGED
2160 minute winter	S19	1560	186.194	0.428	2.7	0.6161	0.0000	SURCHARGED
2160 minute winter	S20	1080	184.655	0.013	0.2	0.0145	0.0000	OK
2160 minute winter	S21	1200	184.436	0.027	0.9	0.0357	0.0000	OK
2160 minute winter	S22	1140	184.272	0.041	1.8	0.0532	0.0000	OK
2160 minute winter	S23	1140	184.249	0.051	2.5	0.0654	0.0000	OK
2160 minute winter	S24	2100	184.173	0.156	4.9	0.2055	0.0000	OK
2160 minute winter	S25	2100	184.173	0.203	5.5	0.2812	0.0000	OK
2160 minute winter	S26	1200	185.392	0.015	0.5	0.0221	0.0000	OK
2160 minute winter	FC1	1200	188.302	0.052	0.2	0.0665	0.0000	OK
2160 minute winter	FC2	1200	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S16	32.015	J38	4.8	0.730	0.015	0.0160	
2160 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0393	
2160 minute winter	S18	23.006	J24	1.7	0.366	0.053	0.0729	
2160 minute winter	S19	23.010	J27	3.5	0.432	0.116	0.3541	
2160 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2160 minute winter	S21	48.004	J43	0.9	0.371	0.068	0.0124	
2160 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0121	
2160 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0072	
2160 minute winter	S24	48.018	J56	4.9	0.426	0.092	0.1638	
2160 minute winter	S25	48.021	BASIN 4	5.5	0.545	0.103	0.2003	
2160 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
2160 minute winter	FC1	2.000	J1	0.2	0.226	0.032	0.0048	
2160 minute winter	FC1	Infiltration		0.0				0.0
2160 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2160 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC3	1080	188.252	0.052	0.2	0.0697	0.0000	OK
2160 minute winter	FC4	900	188.222	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC5	1200	188.052	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC6	1380	187.872	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC7	1380	187.772	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC8	1200	187.800	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC9	780	187.492	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC10	1080	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2160 minute winter	FC3	Infiltration		0.0				0.0
2160 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2160 minute winter	FC4	Infiltration		0.0				0.0
2160 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2160 minute winter	FC5	Infiltration		0.0				0.0
2160 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2160 minute winter	FC6	Infiltration		0.0				0.0
2160 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2160 minute winter	FC7	Infiltration		0.0				0.0
2160 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2160 minute winter	FC8	Infiltration		0.0				0.0
2160 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2160 minute winter	FC9	Infiltration		0.0				0.0
2160 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC11	1200	187.372	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC12	1200	187.282	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC13	1200	187.052	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC14	1200	186.949	0.049	0.2	0.6294	0.0000	OK
2160 minute winter	FC15	780	187.222	0.022	0.1	0.0274	0.0000	OK
2160 minute winter	FC16	1320	186.922	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC17	1080	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC10	Infiltration		0.0				0.0
2160 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2160 minute winter	FC11	Infiltration		0.0				0.0
2160 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2160 minute winter	FC12	Infiltration		0.0				0.0
2160 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2160 minute winter	FC13	Infiltration		0.0				0.0
2160 minute winter	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2160 minute winter	FC14	Infiltration		0.0				0.0
2160 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2160 minute winter	FC15	Infiltration		0.0				0.0
2160 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2160 minute winter	FC16	Infiltration		0.0				0.0
2160 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2160 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC18	1380	186.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC19	1200	186.452	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC20	1200	187.000	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC21	1200	186.352	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC22	1140	186.472	0.022	0.1	0.2129	0.0000	OK
2160 minute winter	FC23	1140	186.322	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC24	1200	186.350	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC25	1200	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2160 minute winter	FC18	Infiltration		0.0				0.0
2160 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2160 minute winter	FC19	Infiltration		0.0				0.0
2160 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2160 minute winter	FC20	Infiltration		0.0				0.0
2160 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2160 minute winter	FC21	Infiltration		0.0				0.0
2160 minute winter	FC22	23.000	S17	0.1	0.195	0.007	0.0078	
2160 minute winter	FC22	Infiltration		0.0				0.0
2160 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0184	
2160 minute winter	FC23	Infiltration		0.0				0.0
2160 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0186	
2160 minute winter	FC24	Infiltration		0.0				0.0
2160 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC26	900	186.472	0.022	0.1	0.2216	0.0000	OK
2160 minute winter	FC27	780	186.522	0.022	0.1	0.0273	0.0000	OK
2160 minute winter	FC28	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC29	1200	186.550	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC30	1200	186.800	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC31	1320	186.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC32	1140	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC25	Infiltration		0.0				0.0
2160 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2160 minute winter	FC26	Infiltration		0.0				0.0
2160 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
2160 minute winter	FC27	Infiltration		0.0				0.0
2160 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2160 minute winter	FC28	Infiltration		0.0				0.0
2160 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2160 minute winter	FC29	Infiltration		0.0				0.0
2160 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2160 minute winter	FC30	Infiltration		0.0				0.0
2160 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0032	
2160 minute winter	FC31	Infiltration		0.0				0.0
2160 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0034	
2160 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC33	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC34	1200	186.502	0.052	0.2	0.0668	0.0000	OK
2160 minute winter	FC35	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC36	1200	186.500	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC37	1080	185.850	0.050	0.2	0.0678	0.0000	OK
2160 minute winter	FC38	1260	185.472	0.022	0.1	0.2638	0.0000	OK
2160 minute winter	FC39	780	185.472	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC40	1200	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2160 minute winter	FC33	Infiltration		0.0				0.0
2160 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2160 minute winter	FC34	Infiltration		0.0				0.0
2160 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2160 minute winter	FC35	Infiltration		0.0				0.0
2160 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2160 minute winter	FC36	Infiltration		0.0				0.0
2160 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2160 minute winter	FC37	Infiltration		0.0				0.0
2160 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2160 minute winter	FC38	Infiltration		0.0				0.0
2160 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2160 minute winter	FC39	Infiltration		0.0				0.0
2160 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC41	1200	184.900	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC42	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC43	1200	184.650	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC44	780	184.607	0.007	0.1	0.0088	0.0000	OK
2160 minute winter	FC45	1140	184.622	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC46	1080	184.752	0.052	0.2	0.0702	0.0000	OK
2160 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC48	1200	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC40	Infiltration		0.0				0.0
2160 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2160 minute winter	FC41	Infiltration		0.0				0.0
2160 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2160 minute winter	FC42	Infiltration		0.0				0.0
2160 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2160 minute winter	FC43	Infiltration		0.0				0.0
2160 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2160 minute winter	FC44	Infiltration		0.0				0.0
2160 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2160 minute winter	FC45	Infiltration		0.0				0.0
2160 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2160 minute winter	FC46	Infiltration		0.0				0.0
2160 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2160 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC49	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC50	1200	184.852	0.052	0.2	0.0672	0.0000	OK
2160 minute winter	FC51	1200	184.902	0.052	0.2	0.0671	0.0000	OK
2160 minute winter	FC52	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC53	1200	185.300	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC54	1200	185.272	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC55	1260	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC48	Infiltration		0.0				0.0
2160 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2160 minute winter	FC49	Infiltration		0.0				0.0
2160 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2160 minute winter	FC50	Infiltration		0.0				0.0
2160 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2160 minute winter	FC51	Infiltration		0.0				0.0
2160 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2160 minute winter	FC52	Infiltration		0.0				0.0
2160 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2160 minute winter	FC53	Infiltration		0.0				0.0
2160 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2160 minute winter	FC54	Infiltration		0.0				0.0
2160 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2160 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC56	780	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC57	900	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC58	1320	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC59	1440	185.372	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC60	1200	185.400	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC61	1200	185.350	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC62	1080	185.301	0.050	0.2	0.0682	0.0000	OK
2160 minute winter	FC63	780	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2160 minute winter	FC56	Infiltration		0.0				0.0
2160 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2160 minute winter	FC57	Infiltration		0.0				0.0
2160 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2160 minute winter	FC58	Infiltration		0.0				0.0
2160 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2160 minute winter	FC59	Infiltration		0.0				0.0
2160 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2160 minute winter	FC60	Infiltration		0.0				0.0
2160 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2160 minute winter	FC61	Infiltration		0.0				0.0
2160 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2160 minute winter	FC62	Infiltration		0.0				0.0
2160 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC64	1020	185.172	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	FC65	1200	185.200	0.050	0.2	0.0648	0.0000	OK
2160 minute winter	FC66	1200	185.051	0.051	0.2	0.0660	0.0000	OK
2160 minute winter	FC67	1140	184.822	0.022	0.1	0.2262	0.0000	OK
2160 minute winter	FC68	1140	184.572	0.022	0.1	0.0275	0.0000	OK
2160 minute winter	J1	1140	188.224	0.024	1.0	0.0359	0.0000	OK
2160 minute winter	J2	1140	188.091	0.035	1.2	0.0397	0.0000	OK
2160 minute winter	J3	1140	188.083	0.033	1.4	0.0375	0.0000	OK
2160 minute winter	J4	1140	188.062	0.023	1.5	0.0255	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC63	Infiltration		0.0				0.0
2160 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
2160 minute winter	FC64	Infiltration		0.0				0.0
2160 minute winter	FC65	67.000	J55	0.2	0.267	0.021	0.0019	
2160 minute winter	FC65	Infiltration		0.0				0.0
2160 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2160 minute winter	FC66	Infiltration		0.0				0.0
2160 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2160 minute winter	FC67	Infiltration		0.0				0.0
2160 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2160 minute winter	FC68	Infiltration		0.0				0.0
2160 minute winter	J1	1.001	J2	1.0	0.696	0.121	0.0072	
2160 minute winter	J2	1.002	J3	1.2	0.399	0.089	0.0031	
2160 minute winter	J3	1.003	J4	1.4	0.622	0.105	0.0044	
2160 minute winter	J4	1.004	J5	1.5	0.933	0.044	0.0057	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J5	1140	187.932	0.022	1.7	0.0244	0.0000	OK
2160 minute winter	J6	1140	187.678	0.028	1.8	0.0320	0.0000	OK
2160 minute winter	J7	1140	187.560	0.035	1.9	0.0396	0.0000	OK
2160 minute winter	J8	1140	187.545	0.024	2.1	0.0270	0.0000	OK
2160 minute winter	J9	1140	187.313	0.038	2.2	0.0434	0.0000	OK
2160 minute winter	J10	1140	187.292	0.022	2.4	0.0243	0.0000	OK
2160 minute winter	J11	1140	187.152	0.031	2.6	0.0348	0.0000	OK
2160 minute winter	J12	1140	186.847	0.038	3.8	0.0432	0.0000	OK
2160 minute winter	J13	1140	186.689	0.062	4.0	0.0698	0.0000	OK
2160 minute winter	J14	1140	186.681	0.059	4.1	0.0667	0.0000	OK
2160 minute winter	J15	1140	186.670	0.053	4.2	0.0603	0.0000	OK
2160 minute winter	J16	1140	186.644	0.039	4.3	0.0439	0.0000	OK
2160 minute winter	J17	1140	186.308	0.025	4.4	0.0282	0.0000	OK
2160 minute winter	J18	1500	186.183	0.058	9.1	0.0657	0.0000	OK
2160 minute winter	J19	1560	186.197	0.170	14.9	0.1924	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J5	1.005	J6	1.7	0.887	0.044	0.0109	
2160 minute winter	J6	1.006	J7	1.8	0.840	0.063	0.0042	
2160 minute winter	J7	1.007	J8	1.9	0.624	0.062	0.0035	
2160 minute winter	J8	1.008	J9	2.1	0.635	0.024	0.0284	
2160 minute winter	J9	1.009	J10	2.2	0.701	0.065	0.0038	
2160 minute winter	J10	1.010	J11	2.4	0.938	0.019	0.0063	
2160 minute winter	J11	1.011	S2	2.6	0.490	0.040	0.0291	
2160 minute winter	J12	1.013	J13	3.8	0.886	0.057	0.0277	
2160 minute winter	J13	1.014	J14	4.0	0.396	0.070	0.0191	
2160 minute winter	J14	1.015	J15	4.1	0.449	0.073	0.0174	
2160 minute winter	J15	1.016	J16	4.2	0.614	0.079	0.0353	
2160 minute winter	J16	1.017	J17	4.3	0.857	0.030	0.0168	
2160 minute winter	J17	1.018	S3	4.4	0.779	0.014	0.0111	
2160 minute winter	J18	1.020	J19	12.1	0.718	0.042	0.0370	
2160 minute winter	J19	1.021	S4	7.5	0.541	0.135	0.1842	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J20	1560	186.193	0.161	0.7	0.1826	0.0000	SURCHARGED
2160 minute winter	J21	1560	186.192	0.183	0.9	0.2074	0.0000	SURCHARGED
2160 minute winter	J22	1560	186.192	0.229	1.1	0.2594	0.0000	SURCHARGED
2160 minute winter	J23	1560	186.192	0.250	1.2	0.2828	0.0000	SURCHARGED
2160 minute winter	J24	1560	186.192	0.375	2.0	0.4245	0.0000	SURCHARGED
2160 minute winter	J25	1500	186.193	0.397	2.0	0.4488	0.0000	SURCHARGED
2160 minute winter	J26	1560	186.193	0.414	2.2	0.4679	0.0000	SURCHARGED
2160 minute winter	J27	1500	186.194	0.458	4.8	0.5180	0.0000	SURCHARGED
2160 minute winter	J28	1140	186.378	0.022	0.6	0.0244	0.0000	OK
2160 minute winter	J29	1140	186.295	0.024	0.7	0.0272	0.0000	OK
2160 minute winter	J30	1140	186.184	0.037	1.6	0.0417	0.0000	OK
2160 minute winter	J31	1140	186.082	0.038	1.8	0.0433	0.0000	OK
2160 minute winter	J32	1140	186.050	0.039	2.0	0.0438	0.0000	OK
2160 minute winter	J33	1140	185.560	0.025	2.7	0.0283	0.0000	OK
2160 minute winter	J34	1140	185.171	0.046	3.3	0.0523	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J20	23.002	J21	0.7	0.360	0.052	0.0665	
2160 minute winter	J21	23.003	J22	0.9	0.387	0.067	0.1411	
2160 minute winter	J22	23.004	J23	1.1	0.420	0.081	0.0633	
2160 minute winter	J23	23.005	S18	1.2	0.463	0.090	0.1321	
2160 minute winter	J24	23.007	J25	-2.0	0.373	-0.065	0.2458	
2160 minute winter	J25	23.008	J26	2.0	0.373	0.066	0.1975	
2160 minute winter	J26	23.009	S19	2.2	0.377	0.072	0.1474	
2160 minute winter	J27	23.011	S4	4.0	0.494	0.136	0.0951	
2160 minute winter	J28	32.001	J29	0.6	0.447	0.101	0.0119	
2160 minute winter	J29	32.002	S12	0.7	0.496	0.118	0.0066	
2160 minute winter	J30	32.004	J31	1.6	0.494	0.121	0.0161	
2160 minute winter	J31	32.005	J32	1.8	0.400	0.060	0.0438	
2160 minute winter	J32	32.006	S13	2.0	0.582	0.066	0.0184	
2160 minute winter	J33	32.008	S14	2.7	0.753	0.026	0.0331	
2160 minute winter	J34	32.010	J35	3.3	0.743	0.086	0.0406	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J35	1140	185.105	0.030	3.4	0.0339	0.0000	OK
2160 minute winter	J36	1140	184.924	0.049	3.6	0.0558	0.0000	OK
2160 minute winter	J37	1140	184.552	0.052	4.3	0.0592	0.0000	OK
2160 minute winter	J38	1140	184.364	0.064	5.0	0.0724	0.0000	OK
2160 minute winter	J39	1140	184.334	0.060	5.2	0.0678	0.0000	OK
2160 minute winter	J40	1140	184.314	0.049	5.3	0.0553	0.0000	OK
2160 minute winter	J41	1080	184.610	0.013	0.2	0.0143	0.0000	OK
2160 minute winter	J42	1140	184.555	0.018	0.4	0.0203	0.0000	OK
2160 minute winter	J43	1200	184.412	0.032	1.1	0.0360	0.0000	OK
2160 minute winter	J44	1200	184.401	0.031	1.2	0.0349	0.0000	OK
2160 minute winter	J45	1140	184.354	0.034	1.3	0.0380	0.0000	OK
2160 minute winter	J46	1200	184.264	0.041	1.9	0.0469	0.0000	OK
2160 minute winter	J47	1200	184.254	0.047	2.0	0.0530	0.0000	OK
2160 minute winter	J48	1140	184.242	0.048	2.7	0.0542	0.0000	OK
2160 minute winter	J49	1200	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J35	32.011	J36	3.4	0.725	0.038	0.0328	
2160 minute winter	J36	32.012	S15	3.6	0.722	0.120	0.0119	
2160 minute winter	J37	32.014	S16	4.3	0.802	0.078	0.0288	
2160 minute winter	J38	32.016	J39	5.0	0.477	0.093	0.1135	
2160 minute winter	J39	32.017	J40	5.2	0.598	0.095	0.0319	
2160 minute winter	J40	32.018	S10	5.3	0.736	0.053	0.0689	
2160 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0047	
2160 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0077	
2160 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0043	
2160 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.0244	
2160 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0067	
2160 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.0232	
2160 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.0167	
2160 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.0518	
2160 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J50	1140	184.219	0.054	3.1	0.0610	0.0000	OK
2160 minute winter	J51	1140	184.206	0.058	3.2	0.0658	0.0000	OK
2160 minute winter	J52	1140	184.199	0.055	3.4	0.0619	0.0000	OK
2160 minute winter	J53	1200	184.180	0.053	3.5	0.0604	0.0000	OK
2160 minute winter	J54	1140	185.151	0.022	0.6	0.0253	0.0000	OK
2160 minute winter	J55	1140	185.116	0.022	0.8	0.0254	0.0000	OK
2160 minute winter	J56	2100	184.173	0.166	5.0	0.1881	0.0000	OK
2160 minute winter	J57	2100	184.173	0.188	5.1	0.2130	0.0000	OK
2160 minute winter	BASIN 1	1560	186.192	1.267	8.6	164.2424	0.0000	SURCHARGED
2160 minute winter	BASIN 2	1560	184.851	0.551	4.0	55.8293	0.0000	OK
2160 minute winter	BASIN 3	2400	183.984	0.884	10.0	575.8607	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.0391	
2160 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0088	
2160 minute winter	J52	48.016	J53	3.4	0.465	0.111	0.0357	
2160 minute winter	J53	48.017	S24	3.5	0.528	0.116	0.0963	
2160 minute winter	J54	65.002	J55	0.6	0.461	0.101	0.0048	
2160 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
2160 minute winter	J56	48.019	J57	5.0	0.437	0.092	0.3935	
2160 minute winter	J57	48.020	S25	5.1	0.444	0.093	0.2977	
2160 minute winter	BASIN 1	1.023	S5	3.9	0.096	0.047	0.9418	
2160 minute winter	BASIN 1	Infiltration		0.1				11.0
2160 minute winter	BASIN 2	1.027	S7	3.9	0.579	0.047	0.1508	
2160 minute winter	BASIN 2	71.000	BH1	0.3	0.385	0.057	0.1829	
2160 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute winter	BASIN 3	1.034	BH2	0.5	0.390	0.004	1.8265	
2160 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	BASIN 4	2100	184.173	0.843	6.1	262.3275	0.0000	SURCHARGED
2160 minute winter	SWALE 1	1560	184.929	0.055	3.9	0.0781	0.0000	OK
2160 minute winter	SWALE 2	1560	184.430	0.055	3.9	0.0785	0.0000	OK
2160 minute winter	SWALE 3	1140	184.065	0.069	9.3	0.0994	0.0000	OK
2160 minute winter	BH1	1560	184.851	0.774	0.3	3.0473	0.0000	OK
2160 minute winter	BH2	2400	183.984	0.901	0.5	6.0813	0.0000	OK
2160 minute winter	BH3	2100	184.173	0.854	0.3	5.5917	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	BASIN 4	48.022	BH3	0.3	0.268	0.006	0.3211	
2160 minute winter	BASIN 4	Infiltration		0.0				0.0
2160 minute winter	SWALE 1	1.025	S6	3.9	0.382	0.047	0.3839	
2160 minute winter	SWALE 2	1.029	S8	3.9	0.553	0.047	0.1855	
2160 minute winter	SWALE 3	1.033	BASIN 3	9.3	0.672	0.074	1.0692	
2160 minute winter	BH1	Infiltration		0.1				12.1
2160 minute winter	BH2	Infiltration		0.2				13.5
2160 minute winter	BH3	Infiltration		0.2				22.7

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S1	1440	188.385	0.015	0.4	0.0215	0.0000	OK
2880 minute summer	S2	1500	187.100	0.061	4.3	0.1053	0.0000	OK
2880 minute summer	S3	1500	186.199	0.062	6.1	0.0821	0.0000	OK
2880 minute summer	S4	1860	186.187	0.809	10.1	1.0376	0.0000	SURCHARGED
2880 minute summer	S5	1860	186.184	1.274	3.9	1.8225	0.0000	SURCHARGED
2880 minute summer	S6	1860	184.865	0.057	3.9	0.0812	0.0000	OK
2880 minute summer	S7	1860	184.789	0.030	3.9	0.0424	0.0000	OK
2880 minute summer	S8	1860	184.362	0.032	3.9	0.0454	0.0000	OK
2880 minute summer	S9	1560	184.179	0.054	3.9	0.0772	0.0000	OK
2880 minute summer	S10	1500	184.162	0.049	10.6	0.0897	0.0000	OK
2880 minute summer	S11	1500	186.422	0.022	0.6	0.0346	0.0000	OK
2880 minute summer	S12	1500	186.215	0.039	1.8	0.0583	0.0000	OK
2880 minute summer	S13	1500	186.020	0.027	3.0	0.0411	0.0000	OK
2880 minute summer	S14	1500	185.220	0.045	3.9	0.0715	0.0000	OK
2880 minute summer	S15	1500	184.904	0.037	5.1	0.0584	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S1	1.000	J1	0.4	0.375	0.046	0.0090	
2880 minute summer	S2	1.012	J12	4.3	0.547	0.144	0.0117	
2880 minute summer	S3	1.019	J18	6.1	0.827	0.114	0.0410	
2880 minute summer	S4	1.022	BASIN 1	10.1	0.670	0.060	1.1778	
2880 minute summer	S5	1.024	SWALE 1	3.9	0.386	0.046	0.2037	
2880 minute summer	S6	1.026	BASIN 2	3.9	0.388	0.045	0.0581	
2880 minute summer	S7	1.028	SWALE 2	3.9	0.574	0.013	0.1166	
2880 minute summer	S8	1.030	S9	3.9	0.595	0.015	0.0839	
2880 minute summer	S9	1.031	S10	3.9	0.594	0.046	0.0600	
2880 minute summer	S10	1.032	SWALE 3	10.6	0.897	0.032	0.0628	
2880 minute summer	S11	32.000	J28	0.6	0.431	0.101	0.0063	
2880 minute summer	S12	32.003	J30	1.8	0.471	0.135	0.0194	
2880 minute summer	S13	32.007	J33	3.0	1.090	0.031	0.0358	
2880 minute summer	S14	32.009	J34	3.9	0.624	0.077	0.0328	
2880 minute summer	S15	32.013	J37	5.1	1.221	0.055	0.0388	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S16	1500	184.515	0.028	5.9	0.0431	0.0000	OK
2880 minute summer	S17	1860	186.185	0.035	0.8	0.0549	0.0000	OK
2880 minute summer	S18	1860	186.183	0.359	2.2	0.5299	0.0000	SURCHARGED
2880 minute summer	S19	1800	186.184	0.418	3.6	0.6030	0.0000	SURCHARGED
2880 minute summer	S20	1500	184.658	0.016	0.3	0.0177	0.0000	OK
2880 minute summer	S21	1500	184.439	0.030	1.1	0.0398	0.0000	OK
2880 minute summer	S22	1500	184.279	0.048	2.3	0.0618	0.0000	OK
2880 minute summer	S23	1500	184.257	0.059	3.3	0.0762	0.0000	OK
2880 minute summer	S24	2520	184.146	0.129	6.4	0.1694	0.0000	OK
2880 minute summer	S25	2520	184.146	0.176	7.3	0.2432	0.0000	OK
2880 minute summer	S26	1500	185.395	0.018	0.7	0.0261	0.0000	OK
2880 minute summer	FC1	1560	188.302	0.052	0.2	0.0665	0.0000	OK
2880 minute summer	FC2	1560	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S16	32.015	J38	5.9	0.774	0.018	0.0185	
2880 minute summer	S17	23.001	J20	0.8	0.516	0.132	0.0366	
2880 minute summer	S18	23.006	J24	2.1	0.376	0.066	0.0729	
2880 minute summer	S19	23.010	J27	3.2	0.455	0.108	0.3541	
2880 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035	
2880 minute summer	S21	48.004	J43	1.1	0.391	0.082	0.0144	
2880 minute summer	S22	48.008	J46	2.3	0.368	0.073	0.0152	
2880 minute summer	S23	48.011	J48	3.3	0.415	0.107	0.0089	
2880 minute summer	S24	48.018	J56	6.4	0.450	0.120	0.1290	
2880 minute summer	S25	48.021	BASIN 4	7.3	0.589	0.137	0.1702	
2880 minute summer	S26	65.001	J54	0.7	0.525	0.068	0.0115	
2880 minute summer	FC1	2.000	J1	0.2	0.211	0.032	0.0048	
2880 minute summer	FC1	Infiltration		0.0				0.0
2880 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2880 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC3	1500	188.303	0.103	0.3	0.1393	0.0000	SURCHARGED
2880 minute summer	FC4	1500	188.251	0.051	0.2	0.0633	0.0000	OK
2880 minute summer	FC5	1560	188.052	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC6	1500	187.900	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC7	1500	187.801	0.051	0.2	0.0637	0.0000	OK
2880 minute summer	FC8	1560	187.800	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC9	1500	187.522	0.052	0.2	0.0649	0.0000	OK
2880 minute summer	FC10	1500	187.573	0.103	0.3	0.1388	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
2880 minute summer	FC3	Infiltration		0.0				0.0
2880 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2880 minute summer	FC4	Infiltration		0.0				0.0
2880 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2880 minute summer	FC5	Infiltration		0.0				0.0
2880 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2880 minute summer	FC6	Infiltration		0.0				0.0
2880 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2880 minute summer	FC7	Infiltration		0.0				0.0
2880 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2880 minute summer	FC8	Infiltration		0.0				0.0
2880 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2880 minute summer	FC9	Infiltration		0.0				0.0
2880 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC11	1560	187.372	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC12	1560	187.282	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC13	1560	187.052	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC14	1560	186.949	0.049	0.2	0.6294	0.0000	OK
2880 minute summer	FC15	1500	187.250	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC16	1500	186.952	0.052	0.2	0.0645	0.0000	OK
2880 minute summer	FC17	1500	187.050	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC10	Infiltration		0.0				0.0
2880 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2880 minute summer	FC11	Infiltration		0.0				0.0
2880 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2880 minute summer	FC12	Infiltration		0.0				0.0
2880 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2880 minute summer	FC13	Infiltration		0.0				0.0
2880 minute summer	FC14	15.000	J13	0.2	0.345	0.033	0.0042	
2880 minute summer	FC14	Infiltration		0.0				0.0
2880 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
2880 minute summer	FC15	Infiltration		0.0				0.0
2880 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
2880 minute summer	FC16	Infiltration		0.0				0.0
2880 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
2880 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC18	1500	186.602	0.052	0.2	0.0650	0.0000	OK
2880 minute summer	FC19	1560	186.452	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC20	1560	187.000	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC21	1560	186.352	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC22	1500	186.494	0.044	0.2	0.4250	0.0000	OK
2880 minute summer	FC23	1500	186.350	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC24	1560	186.350	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC25	1560	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040	
2880 minute summer	FC18	Infiltration		0.0				0.0
2880 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
2880 minute summer	FC19	Infiltration		0.0				0.0
2880 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
2880 minute summer	FC20	Infiltration		0.0				0.0
2880 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
2880 minute summer	FC21	Infiltration		0.0				0.0
2880 minute summer	FC22	23.000	S17	0.2	0.217	0.012	0.0059	
2880 minute summer	FC22	Infiltration		0.0				0.0
2880 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0184	
2880 minute summer	FC23	Infiltration		0.0				0.0
2880 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0186	
2880 minute summer	FC24	Infiltration		0.0				0.0
2880 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC26	1500	186.494	0.044	0.2	0.4387	0.0000	OK
2880 minute summer	FC27	1500	186.550	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC28	1560	186.550	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC29	1560	186.550	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC30	1560	186.800	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC31	1500	186.500	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC32	1500	186.500	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC25	Infiltration		0.0				0.0
2880 minute summer	FC26	27.000	J23	0.2	0.591	0.014	0.0014	
2880 minute summer	FC26	Infiltration		0.0				0.0
2880 minute summer	FC27	28.000	J24	0.2	0.848	0.009	0.0179	
2880 minute summer	FC27	Infiltration		0.0				0.0
2880 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
2880 minute summer	FC28	Infiltration		0.0				0.0
2880 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
2880 minute summer	FC29	Infiltration		0.0				0.0
2880 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
2880 minute summer	FC30	Infiltration		0.0				0.0
2880 minute summer	FC31	33.000	J28	0.2	0.216	0.022	0.0041	
2880 minute summer	FC31	Infiltration		0.0				0.0
2880 minute summer	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
2880 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC33	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC34	1560	186.502	0.052	0.2	0.0668	0.0000	OK
2880 minute summer	FC35	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC36	1560	186.500	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC37	1500	185.901	0.101	0.3	0.1362	0.0000	SURCHARGED
2880 minute summer	FC38	1500	185.492	0.042	0.2	0.5037	0.0000	OK
2880 minute summer	FC39	1500	185.500	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC40	1560	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2880 minute summer	FC33	Infiltration		0.0				0.0
2880 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2880 minute summer	FC34	Infiltration		0.0				0.0
2880 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2880 minute summer	FC35	Infiltration		0.0				0.0
2880 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2880 minute summer	FC36	Infiltration		0.0				0.0
2880 minute summer	FC37	39.000	J33	0.3	0.518	0.034	0.0038	
2880 minute summer	FC37	Infiltration		0.0				0.0
2880 minute summer	FC38	40.000	J34	0.2	0.564	0.014	0.0015	
2880 minute summer	FC38	Infiltration		0.0				0.0
2880 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2880 minute summer	FC39	Infiltration		0.0				0.0
2880 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC41	1560	184.900	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC42	1560	184.650	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC43	1560	184.650	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC44	1500	184.610	0.010	0.2	0.0122	0.0000	OK
2880 minute summer	FC45	1500	184.650	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC46	1500	184.804	0.104	0.3	0.1399	0.0000	SURCHARGED
2880 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	FC48	1560	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC40	Infiltration		0.0				0.0
2880 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
2880 minute summer	FC41	Infiltration		0.0				0.0
2880 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
2880 minute summer	FC42	Infiltration		0.0				0.0
2880 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
2880 minute summer	FC43	Infiltration		0.0				0.0
2880 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0017	
2880 minute summer	FC44	Infiltration		0.0				0.0
2880 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0015	
2880 minute summer	FC45	Infiltration		0.0				0.0
2880 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0047	
2880 minute summer	FC46	Infiltration		0.0				0.0
2880 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020	
2880 minute summer	FC48	50.000	J42	0.2	0.320	0.014	0.0036	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC49	1560	184.852	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC50	1560	184.852	0.052	0.2	0.0672	0.0000	OK
2880 minute summer	FC51	1560	184.902	0.052	0.2	0.0671	0.0000	OK
2880 minute summer	FC52	1560	185.300	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC53	1560	185.300	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC54	1500	185.300	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC55	1500	185.300	0.050	0.2	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC48	Infiltration		0.0				0.0
2880 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2880 minute summer	FC49	Infiltration		0.0				0.0
2880 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2880 minute summer	FC50	Infiltration		0.0				0.0
2880 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2880 minute summer	FC51	Infiltration		0.0				0.0
2880 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2880 minute summer	FC52	Infiltration		0.0				0.0
2880 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2880 minute summer	FC53	Infiltration		0.0				0.0
2880 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2880 minute summer	FC54	Infiltration		0.0				0.0
2880 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2880 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC56	1500	185.400	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC57	1500	185.400	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC58	1500	185.400	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC59	1500	185.400	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	FC60	1560	185.400	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC61	1560	185.350	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC62	1500	185.352	0.102	0.3	0.1374	0.0000	SURCHARGED
2880 minute summer	FC63	1500	185.452	0.052	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2880 minute summer	FC56	Infiltration		0.0				0.0
2880 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2880 minute summer	FC57	Infiltration		0.0				0.0
2880 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2880 minute summer	FC58	Infiltration		0.0				0.0
2880 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2880 minute summer	FC59	Infiltration		0.0				0.0
2880 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2880 minute summer	FC60	Infiltration		0.0				0.0
2880 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2880 minute summer	FC61	Infiltration		0.0				0.0
2880 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
2880 minute summer	FC62	Infiltration		0.0				0.0
2880 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC64	1500	185.202	0.052	0.2	0.0648	0.0000	OK
2880 minute summer	FC65	1560	185.200	0.050	0.2	0.0648	0.0000	OK
2880 minute summer	FC66	1560	185.051	0.051	0.2	0.0660	0.0000	OK
2880 minute summer	FC67	1500	184.844	0.044	0.2	0.4531	0.0000	OK
2880 minute summer	FC68	1500	184.600	0.050	0.2	0.0628	0.0000	OK
2880 minute summer	J1	1500	188.224	0.024	1.0	0.0359	0.0000	OK
2880 minute summer	J2	1500	188.092	0.036	1.2	0.0403	0.0000	OK
2880 minute summer	J3	1500	188.084	0.034	1.5	0.0389	0.0000	OK
2880 minute summer	J4	1500	188.063	0.024	1.7	0.0273	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC63	Infiltration		0.0				0.0
2880 minute summer	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
2880 minute summer	FC64	Infiltration		0.0				0.0
2880 minute summer	FC65	67.000	J55	0.2	0.267	0.021	0.0023	
2880 minute summer	FC65	Infiltration		0.0				0.0
2880 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2880 minute summer	FC66	Infiltration		0.0				0.0
2880 minute summer	FC67	69.000	J56	0.2	0.330	0.030	0.0011	
2880 minute summer	FC67	Infiltration		0.0				0.0
2880 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010	
2880 minute summer	FC68	Infiltration		0.0				0.0
2880 minute summer	J1	1.001	J2	1.0	0.696	0.121	0.0072	
2880 minute summer	J2	1.002	J3	1.2	0.396	0.089	0.0032	
2880 minute summer	J3	1.003	J4	1.5	0.623	0.113	0.0047	
2880 minute summer	J4	1.004	J5	1.7	0.970	0.050	0.0062	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J5	1500	187.933	0.023	1.9	0.0258	0.0000	OK
2880 minute summer	J6	1500	187.681	0.031	2.1	0.0347	0.0000	OK
2880 minute summer	J7	1500	187.565	0.040	2.3	0.0449	0.0000	OK
2880 minute summer	J8	1500	187.547	0.026	2.6	0.0294	0.0000	OK
2880 minute summer	J9	1500	187.317	0.042	2.7	0.0480	0.0000	OK
2880 minute summer	J10	1500	187.294	0.024	3.0	0.0274	0.0000	OK
2880 minute summer	J11	1500	187.155	0.034	3.2	0.0385	0.0000	OK
2880 minute summer	J12	1500	186.851	0.042	4.5	0.0471	0.0000	OK
2880 minute summer	J13	1500	186.695	0.068	4.7	0.0764	0.0000	OK
2880 minute summer	J14	1500	186.687	0.065	4.9	0.0732	0.0000	OK
2880 minute summer	J15	1500	186.676	0.059	5.1	0.0662	0.0000	OK
2880 minute summer	J16	1500	186.648	0.043	5.3	0.0490	0.0000	OK
2880 minute summer	J17	1500	186.311	0.028	5.5	0.0320	0.0000	OK
2880 minute summer	J18	1860	186.184	0.059	6.3	0.0670	0.0000	OK
2880 minute summer	J19	1800	186.196	0.169	9.5	0.1912	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J5	1.005	J6	1.9	0.896	0.050	0.0121	
2880 minute summer	J6	1.006	J7	2.1	0.874	0.074	0.0047	
2880 minute summer	J7	1.007	J8	2.4	0.676	0.079	0.0041	
2880 minute summer	J8	1.008	J9	2.5	0.660	0.028	0.0326	
2880 minute summer	J9	1.009	J10	2.7	0.732	0.080	0.0045	
2880 minute summer	J10	1.010	J11	3.0	1.001	0.023	0.0074	
2880 minute summer	J11	1.011	S2	3.2	0.526	0.050	0.0333	
2880 minute summer	J12	1.013	J13	4.5	0.929	0.067	0.0314	
2880 minute summer	J13	1.014	J14	4.7	0.408	0.083	0.0218	
2880 minute summer	J14	1.015	J15	4.9	0.470	0.087	0.0199	
2880 minute summer	J15	1.016	J16	5.1	0.644	0.095	0.0408	
2880 minute summer	J16	1.017	J17	5.3	0.908	0.037	0.0196	
2880 minute summer	J17	1.018	S3	5.5	0.830	0.018	0.0130	
2880 minute summer	J18	1.020	J19	9.3	0.754	0.032	0.0339	
2880 minute summer	J19	1.021	S4	6.5	0.575	0.118	0.1746	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J20	1860	186.184	0.153	1.0	0.1734	0.0000	SURCHARGED
2880 minute summer	J21	1860	186.184	0.175	1.2	0.1984	0.0000	SURCHARGED
2880 minute summer	J22	1860	186.184	0.221	1.4	0.2501	0.0000	SURCHARGED
2880 minute summer	J23	1860	186.185	0.243	1.6	0.2748	0.0000	SURCHARGED
2880 minute summer	J24	1860	186.184	0.367	2.3	0.4151	0.0000	SURCHARGED
2880 minute summer	J25	1860	186.190	0.394	2.5	0.4453	0.0000	SURCHARGED
2880 minute summer	J26	1860	186.183	0.404	3.1	0.4566	0.0000	SURCHARGED
2880 minute summer	J27	1860	186.193	0.457	3.4	0.5173	0.0000	SURCHARGED
2880 minute summer	J28	1500	186.381	0.025	0.8	0.0282	0.0000	OK
2880 minute summer	J29	1500	186.300	0.029	1.0	0.0328	0.0000	OK
2880 minute summer	J30	1500	186.189	0.041	2.0	0.0469	0.0000	OK
2880 minute summer	J31	1500	186.086	0.042	2.2	0.0480	0.0000	OK
2880 minute summer	J32	1500	186.053	0.042	2.4	0.0477	0.0000	OK
2880 minute summer	J33	1500	185.563	0.027	3.3	0.0311	0.0000	OK
2880 minute summer	J34	1500	185.176	0.051	4.1	0.0580	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J20	23.002	J21	1.0	0.399	0.073	0.0665	
2880 minute summer	J21	23.003	J22	1.2	0.420	0.088	0.1411	
2880 minute summer	J22	23.004	J23	1.4	0.439	0.102	0.0633	
2880 minute summer	J23	23.005	S18	1.6	0.499	0.117	0.1321	
2880 minute summer	J24	23.007	J25	2.3	0.396	0.075	0.2458	
2880 minute summer	J25	23.008	J26	3.0	0.392	0.101	0.1975	
2880 minute summer	J26	23.009	S19	3.3	0.393	0.107	0.1474	
2880 minute summer	J27	23.011	S4	3.4	0.517	0.115	0.0951	
2880 minute summer	J28	32.001	J29	0.8	0.470	0.135	0.0150	
2880 minute summer	J29	32.002	S12	1.0	0.548	0.169	0.0085	
2880 minute summer	J30	32.004	J31	2.0	0.525	0.151	0.0190	
2880 minute summer	J31	32.005	J32	2.2	0.427	0.073	0.0503	
2880 minute summer	J32	32.006	S13	2.4	0.618	0.080	0.0209	
2880 minute summer	J33	32.008	S14	3.3	0.794	0.032	0.0384	
2880 minute summer	J34	32.010	J35	4.1	0.788	0.106	0.0472	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J35	1500	185.109	0.033	4.3	0.0379	0.0000	OK
2880 minute summer	J36	1500	184.930	0.055	4.5	0.0620	0.0000	OK
2880 minute summer	J37	1500	184.558	0.057	5.3	0.0650	0.0000	OK
2880 minute summer	J38	1500	184.371	0.071	6.1	0.0801	0.0000	OK
2880 minute summer	J39	1500	184.340	0.066	6.3	0.0748	0.0000	OK
2880 minute summer	J40	1500	184.319	0.054	6.5	0.0612	0.0000	OK
2880 minute summer	J41	1500	184.612	0.015	0.3	0.0173	0.0000	OK
2880 minute summer	J42	1500	184.557	0.020	0.5	0.0227	0.0000	OK
2880 minute summer	J43	1500	184.415	0.035	1.3	0.0397	0.0000	OK
2880 minute summer	J44	1500	184.405	0.035	1.5	0.0391	0.0000	OK
2880 minute summer	J45	1500	184.359	0.039	1.7	0.0438	0.0000	OK
2880 minute summer	J46	1500	184.271	0.049	2.5	0.0554	0.0000	OK
2880 minute summer	J47	1500	184.263	0.056	2.7	0.0628	0.0000	OK
2880 minute summer	J48	1500	184.250	0.056	3.5	0.0629	0.0000	OK
2880 minute summer	J49	1500	184.234	0.065	3.7	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J35	32.011	J36	4.3	0.781	0.048	0.0382	
2880 minute summer	J36	32.012	S15	4.5	0.771	0.149	0.0139	
2880 minute summer	J37	32.014	S16	5.3	0.858	0.096	0.0330	
2880 minute summer	J38	32.016	J39	6.1	0.503	0.112	0.1306	
2880 minute summer	J39	32.017	J40	6.3	0.626	0.115	0.0368	
2880 minute summer	J40	32.018	S10	6.5	0.779	0.065	0.0797	
2880 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0058	
2880 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0090	
2880 minute summer	J43	48.005	J44	1.3	0.420	0.093	0.0050	
2880 minute summer	J44	48.006	J45	1.5	0.451	0.112	0.0292	
2880 minute summer	J45	48.007	S22	1.7	0.500	0.125	0.0081	
2880 minute summer	J46	48.009	J47	2.5	0.358	0.081	0.0294	
2880 minute summer	J47	48.010	S23	2.7	0.339	0.090	0.0210	
2880 minute summer	J48	48.012	J49	3.5	0.411	0.117	0.0634	
2880 minute summer	J49	48.013	J50	3.7	0.405	0.121	0.0104	

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J50	1500	184.227	0.062	3.9	0.0700	0.0000	OK
2880 minute summer	J51	1500	184.215	0.067	4.1	0.0757	0.0000	OK
2880 minute summer	J52	1500	184.207	0.063	4.4	0.0713	0.0000	OK
2880 minute summer	J53	1500	184.188	0.061	4.6	0.0695	0.0000	OK
2880 minute summer	J54	1500	185.157	0.028	0.9	0.0314	0.0000	OK
2880 minute summer	J55	1500	185.121	0.026	1.1	0.0299	0.0000	OK
2880 minute summer	J56	2520	184.146	0.139	6.6	0.1570	0.0000	OK
2880 minute summer	J57	2520	184.146	0.161	6.8	0.1819	0.0000	OK
2880 minute summer	BASIN 1	1860	186.184	1.259	10.4	162.9010	0.0000	SURCHARGED
2880 minute summer	BASIN 2	1860	184.851	0.551	4.0	55.8198	0.0000	OK
2880 minute summer	BASIN 3	3120	184.106	1.006	11.5	634.4821	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J50	48.014	J51	3.9	0.417	0.130	0.0475	
2880 minute summer	J51	48.015	J52	4.1	0.433	0.134	0.0108	
2880 minute summer	J52	48.016	J53	4.4	0.493	0.144	0.0435	
2880 minute summer	J53	48.017	S24	4.6	0.569	0.153	0.0830	
2880 minute summer	J54	65.002	J55	0.9	0.526	0.152	0.0062	
2880 minute summer	J55	65.003	S24	1.1	0.678	0.145	0.0127	
2880 minute summer	J56	48.019	J57	6.6	0.464	0.121	0.3195	
2880 minute summer	J57	48.020	S25	6.8	0.480	0.124	0.2488	
2880 minute summer	BASIN 1	1.023	S5	3.9	0.096	0.047	0.9418	
2880 minute summer	BASIN 1	Infiltration		0.1				13.0
2880 minute summer	BASIN 2	1.027	S7	3.9	0.579	0.047	0.1504	
2880 minute summer	BASIN 2	71.000	BH1	0.3	0.396	0.056	0.1829	
2880 minute summer	BASIN 2	Infiltration		0.0				0.0
2880 minute summer	BASIN 3	1.034	BH2	0.5	0.026	0.004	1.8265	
2880 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	BASIN 4	2520	184.146	0.816	8.0	252.9200	0.0000	SURCHARGED
2880 minute summer	SWALE 1	1860	184.929	0.054	3.9	0.0780	0.0000	OK
2880 minute summer	SWALE 2	1860	184.430	0.055	3.9	0.0784	0.0000	OK
2880 minute summer	SWALE 3	3120	184.106	0.111	10.6	0.1584	0.0000	OK
2880 minute summer	BH1	1860	184.851	0.774	0.3	3.0470	0.0000	OK
2880 minute summer	BH2	3120	184.106	1.023	0.5	6.6850	0.0000	OK
2880 minute summer	BH3	2520	184.146	0.827	0.3	5.4636	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	BASIN 4	48.022	BH3	0.3	0.159	0.005	0.3211	
2880 minute summer	BASIN 4	Infiltration		0.0				0.0
2880 minute summer	SWALE 1	1.025	S6	3.9	0.381	0.047	0.3830	
2880 minute summer	SWALE 2	1.029	S8	3.9	0.552	0.047	0.1851	
2880 minute summer	SWALE 3	1.033	BASIN 3	10.6	0.699	0.085	2.4981	
2880 minute summer	BH1	Infiltration		0.1				16.1
2880 minute summer	BH2	Infiltration		0.2				18.0
2880 minute summer	BH3	Infiltration		0.2				27.2

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S1	1380	188.383	0.013	0.3	0.0188	0.0000	OK
2880 minute winter	S2	1380	187.086	0.047	2.6	0.0814	0.0000	OK
2880 minute winter	S3	1440	186.186	0.048	3.6	0.0644	0.0000	OK
2880 minute winter	S4	1980	186.087	0.709	6.2	0.9095	0.0000	SURCHARGED
2880 minute winter	S5	1980	186.087	1.177	3.7	1.6845	0.0000	SURCHARGED
2880 minute winter	S6	1980	184.864	0.056	3.7	0.0796	0.0000	OK
2880 minute winter	S7	1980	184.788	0.029	3.7	0.0416	0.0000	OK
2880 minute winter	S8	1980	184.361	0.031	3.7	0.0446	0.0000	OK
2880 minute winter	S9	1800	184.177	0.052	3.7	0.0740	0.0000	OK
2880 minute winter	S10	3120	184.157	0.044	7.7	0.0799	0.0000	OK
2880 minute winter	S11	1440	186.418	0.018	0.4	0.0282	0.0000	OK
2880 minute winter	S12	1440	186.206	0.030	1.1	0.0448	0.0000	OK
2880 minute winter	S13	1500	186.014	0.021	1.8	0.0321	0.0000	OK
2880 minute winter	S14	1440	185.210	0.035	2.4	0.0551	0.0000	OK
2880 minute winter	S15	1440	184.896	0.029	3.1	0.0456	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0070	
2880 minute winter	S2	1.012	J12	2.6	0.477	0.087	0.0082	
2880 minute winter	S3	1.019	J18	3.6	0.729	0.068	0.0261	
2880 minute winter	S4	1.022	BASIN 1	6.2	0.707	0.037	1.1778	
2880 minute winter	S5	1.024	SWALE 1	3.7	0.382	0.045	0.1978	
2880 minute winter	S6	1.026	BASIN 2	3.7	0.399	0.043	0.0565	
2880 minute winter	S7	1.028	SWALE 2	3.7	0.567	0.012	0.1135	
2880 minute winter	S8	1.030	S9	3.7	0.587	0.014	0.0804	
2880 minute winter	S9	1.031	S10	3.7	0.584	0.044	0.0520	
2880 minute winter	S10	1.032	SWALE 3	7.7	0.830	0.023	0.1107	
2880 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
2880 minute winter	S12	32.003	J30	1.1	0.419	0.082	0.0133	
2880 minute winter	S13	32.007	J33	1.8	0.936	0.018	0.0250	
2880 minute winter	S14	32.009	J34	2.4	0.549	0.047	0.0229	
2880 minute winter	S15	32.013	J37	3.1	1.061	0.034	0.0273	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S16	1440	184.510	0.022	3.6	0.0343	0.0000	OK
2880 minute winter	S17	1380	186.170	0.020	0.5	0.0319	0.0000	OK
2880 minute winter	S18	1980	186.088	0.264	1.3	0.3896	0.0000	SURCHARGED
2880 minute winter	S19	1980	186.088	0.322	2.0	0.4633	0.0000	SURCHARGED
2880 minute winter	S20	1440	184.655	0.013	0.2	0.0145	0.0000	OK
2880 minute winter	S21	1500	184.433	0.024	0.7	0.0316	0.0000	OK
2880 minute winter	S22	1500	184.267	0.036	1.4	0.0464	0.0000	OK
2880 minute winter	S23	1500	184.243	0.045	2.0	0.0574	0.0000	OK
2880 minute winter	S24	2700	184.196	0.179	3.7	0.2353	0.0000	OK
2880 minute winter	S25	2700	184.196	0.226	4.2	0.3123	0.0000	OK
2880 minute winter	S26	1380	185.391	0.013	0.4	0.0199	0.0000	OK
2880 minute winter	FC1	1740	188.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC2	1620	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S16	32.015	J38	3.6	0.678	0.011	0.0129	
2880 minute winter	S17	23.001	J20	0.5	0.455	0.084	0.0079	
2880 minute winter	S18	23.006	J24	1.3	0.340	0.041	0.0729	
2880 minute winter	S19	23.010	J27	2.0	0.403	0.067	0.3541	
2880 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0027	
2880 minute winter	S21	48.004	J43	0.7	0.356	0.053	0.0100	
2880 minute winter	S22	48.008	J46	1.4	0.343	0.045	0.0099	
2880 minute winter	S23	48.011	J48	2.0	0.378	0.065	0.0059	
2880 minute winter	S24	48.018	J56	3.7	0.397	0.069	0.1921	
2880 minute winter	S25	48.021	BASIN 4	4.2	0.508	0.079	0.2233	
2880 minute winter	S26	65.001	J54	0.4	0.457	0.039	0.0076	
2880 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0035	
2880 minute winter	FC1	Infiltration		0.0				0.0
2880 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
2880 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC3	1440	188.252	0.052	0.2	0.0697	0.0000	OK
2880 minute winter	FC4	1800	188.222	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC5	1800	188.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC6	1740	187.872	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC7	1320	187.772	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC8	1740	187.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC9	1740	187.492	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC10	1440	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
2880 minute winter	FC3	Infiltration		0.0				0.0
2880 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
2880 minute winter	FC4	Infiltration		0.0				0.0
2880 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
2880 minute winter	FC5	Infiltration		0.0				0.0
2880 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
2880 minute winter	FC6	Infiltration		0.0				0.0
2880 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
2880 minute winter	FC7	Infiltration		0.0				0.0
2880 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
2880 minute winter	FC8	Infiltration		0.0				0.0
2880 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
2880 minute winter	FC9	Infiltration		0.0				0.0
2880 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC11	1380	187.342	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC12	1620	187.252	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC13	1620	187.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC14	1740	186.922	0.022	0.1	0.2805	0.0000	OK
2880 minute winter	FC15	1080	187.222	0.022	0.1	0.0274	0.0000	OK
2880 minute winter	FC16	1380	186.922	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC17	1800	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC10	Infiltration		0.0				0.0
2880 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
2880 minute winter	FC11	Infiltration		0.0				0.0
2880 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
2880 minute winter	FC12	Infiltration		0.0				0.0
2880 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
2880 minute winter	FC13	Infiltration		0.0				0.0
2880 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
2880 minute winter	FC14	Infiltration		0.0				0.0
2880 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
2880 minute winter	FC15	Infiltration		0.0				0.0
2880 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
2880 minute winter	FC16	Infiltration		0.0				0.0
2880 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
2880 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC18	1800	186.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC19	960	186.422	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC20	960	186.972	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC21	1320	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC22	1440	186.472	0.022	0.1	0.2129	0.0000	OK
2880 minute winter	FC23	1740	186.322	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC24	1500	186.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC25	960	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
2880 minute winter	FC18	Infiltration		0.0				0.0
2880 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
2880 minute winter	FC19	Infiltration		0.0				0.0
2880 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
2880 minute winter	FC20	Infiltration		0.0				0.0
2880 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
2880 minute winter	FC21	Infiltration		0.0				0.0
2880 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
2880 minute winter	FC22	Infiltration		0.0				0.0
2880 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
2880 minute winter	FC23	Infiltration		0.0				0.0
2880 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0048	
2880 minute winter	FC24	Infiltration		0.0				0.0
2880 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC26	1320	186.472	0.022	0.1	0.2216	0.0000	OK
2880 minute winter	FC27	1080	186.522	0.022	0.1	0.0273	0.0000	OK
2880 minute winter	FC28	960	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC29	960	186.522	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC30	1020	186.772	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC31	1380	186.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC32	1920	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC25	Infiltration		0.0				0.0
2880 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
2880 minute winter	FC26	Infiltration		0.0				0.0
2880 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
2880 minute winter	FC27	Infiltration		0.0				0.0
2880 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
2880 minute winter	FC28	Infiltration		0.0				0.0
2880 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
2880 minute winter	FC29	Infiltration		0.0				0.0
2880 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
2880 minute winter	FC30	Infiltration		0.0				0.0
2880 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
2880 minute winter	FC31	Infiltration		0.0				0.0
2880 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
2880 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC33	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC34	1500	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC35	960	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC36	960	186.472	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC37	1440	185.850	0.050	0.2	0.0678	0.0000	OK
2880 minute winter	FC38	1500	185.472	0.022	0.1	0.2638	0.0000	OK
2880 minute winter	FC39	1680	185.472	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC40	960	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
2880 minute winter	FC33	Infiltration		0.0				0.0
2880 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
2880 minute winter	FC34	Infiltration		0.0				0.0
2880 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
2880 minute winter	FC35	Infiltration		0.0				0.0
2880 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
2880 minute winter	FC36	Infiltration		0.0				0.0
2880 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
2880 minute winter	FC37	Infiltration		0.0				0.0
2880 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
2880 minute winter	FC38	Infiltration		0.0				0.0
2880 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
2880 minute winter	FC39	Infiltration		0.0				0.0
2880 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC41	1740	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC42	1800	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC43	1680	184.622	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC44	1080	184.607	0.007	0.1	0.0088	0.0000	OK
2880 minute winter	FC45	1320	184.622	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC46	1440	184.752	0.052	0.2	0.0702	0.0000	OK
2880 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC48	1740	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC40	Infiltration		0.0				0.0
2880 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
2880 minute winter	FC41	Infiltration		0.0				0.0
2880 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
2880 minute winter	FC42	Infiltration		0.0				0.0
2880 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
2880 minute winter	FC43	Infiltration		0.0				0.0
2880 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
2880 minute winter	FC44	Infiltration		0.0				0.0
2880 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
2880 minute winter	FC45	Infiltration		0.0				0.0
2880 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
2880 minute winter	FC46	Infiltration		0.0				0.0
2880 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
2880 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0024	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC49	1680	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC50	1740	184.822	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC51	1200	184.872	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC52	1260	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC53	960	185.272	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC54	1680	185.272	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC55	1500	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC48	Infiltration		0.0				0.0
2880 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
2880 minute winter	FC49	Infiltration		0.0				0.0
2880 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
2880 minute winter	FC50	Infiltration		0.0				0.0
2880 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
2880 minute winter	FC51	Infiltration		0.0				0.0
2880 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
2880 minute winter	FC52	Infiltration		0.0				0.0
2880 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
2880 minute winter	FC53	Infiltration		0.0				0.0
2880 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
2880 minute winter	FC54	Infiltration		0.0				0.0
2880 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
2880 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC56	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC57	1080	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC58	1620	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC59	1680	185.372	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC60	1740	185.372	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC61	1740	185.322	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC62	1440	185.301	0.050	0.2	0.0682	0.0000	OK
2880 minute winter	FC63	1800	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
2880 minute winter	FC56	Infiltration		0.0				0.0
2880 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
2880 minute winter	FC57	Infiltration		0.0				0.0
2880 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
2880 minute winter	FC58	Infiltration		0.0				0.0
2880 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
2880 minute winter	FC59	Infiltration		0.0				0.0
2880 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
2880 minute winter	FC60	Infiltration		0.0				0.0
2880 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
2880 minute winter	FC61	Infiltration		0.0				0.0
2880 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
2880 minute winter	FC62	Infiltration		0.0				0.0
2880 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC64	1800	185.172	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	FC65	1320	185.172	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC66	1800	185.022	0.022	0.1	0.0284	0.0000	OK
2880 minute winter	FC67	1380	184.822	0.022	0.1	0.2262	0.0000	OK
2880 minute winter	FC68	1500	184.572	0.022	0.1	0.0275	0.0000	OK
2880 minute winter	J1	1560	188.220	0.020	0.7	0.0299	0.0000	OK
2880 minute winter	J2	1500	188.085	0.029	0.8	0.0325	0.0000	OK
2880 minute winter	J3	1440	188.078	0.028	1.0	0.0319	0.0000	OK
2880 minute winter	J4	1380	188.058	0.019	1.1	0.0219	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC63	Infiltration		0.0				0.0
2880 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
2880 minute winter	FC64	Infiltration		0.0				0.0
2880 minute winter	FC65	67.000	J55	0.1	0.276	0.010	0.0014	
2880 minute winter	FC65	Infiltration		0.0				0.0
2880 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
2880 minute winter	FC66	Infiltration		0.0				0.0
2880 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
2880 minute winter	FC67	Infiltration		0.0				0.0
2880 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
2880 minute winter	FC68	Infiltration		0.0				0.0
2880 minute winter	J1	1.001	J2	0.7	0.630	0.084	0.0056	
2880 minute winter	J2	1.002	J3	0.8	0.345	0.060	0.0024	
2880 minute winter	J3	1.003	J4	1.0	0.559	0.075	0.0035	
2880 minute winter	J4	1.004	J5	1.1	0.864	0.032	0.0045	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J5	1620	187.928	0.018	1.2	0.0207	0.0000	OK
2880 minute winter	J6	1560	187.674	0.024	1.3	0.0269	0.0000	OK
2880 minute winter	J7	1380	187.555	0.030	1.4	0.0342	0.0000	OK
2880 minute winter	J8	1380	187.541	0.020	1.5	0.0230	0.0000	OK
2880 minute winter	J9	1620	187.308	0.033	1.6	0.0369	0.0000	OK
2880 minute winter	J10	1380	187.289	0.019	1.8	0.0211	0.0000	OK
2880 minute winter	J11	1620	187.148	0.027	1.9	0.0300	0.0000	OK
2880 minute winter	J12	1560	186.841	0.032	2.7	0.0363	0.0000	OK
2880 minute winter	J13	1440	186.679	0.052	2.8	0.0583	0.0000	OK
2880 minute winter	J14	1440	186.672	0.050	2.9	0.0564	0.0000	OK
2880 minute winter	J15	1380	186.663	0.046	3.0	0.0516	0.0000	OK
2880 minute winter	J16	1500	186.638	0.033	3.1	0.0372	0.0000	OK
2880 minute winter	J17	1440	186.305	0.022	3.2	0.0244	0.0000	OK
2880 minute winter	J18	1440	186.150	0.025	3.7	0.0286	0.0000	OK
2880 minute winter	J19	1980	186.089	0.062	3.8	0.0699	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J5	1.005	J6	1.2	0.801	0.031	0.0085	
2880 minute winter	J6	1.006	J7	1.3	0.771	0.046	0.0033	
2880 minute winter	J7	1.007	J8	1.4	0.574	0.046	0.0028	
2880 minute winter	J8	1.008	J9	1.5	0.574	0.017	0.0225	
2880 minute winter	J9	1.009	J10	1.6	0.661	0.049	0.0031	
2880 minute winter	J10	1.010	J11	1.8	0.873	0.014	0.0051	
2880 minute winter	J11	1.011	S2	1.9	0.451	0.030	0.0231	
2880 minute winter	J12	1.013	J13	2.7	0.806	0.040	0.0217	
2880 minute winter	J13	1.014	J14	2.8	0.356	0.049	0.0149	
2880 minute winter	J14	1.015	J15	2.9	0.403	0.051	0.0138	
2880 minute winter	J15	1.016	J16	3.0	0.555	0.056	0.0279	
2880 minute winter	J16	1.017	J17	3.1	0.785	0.022	0.0133	
2880 minute winter	J17	1.018	S3	3.2	0.709	0.010	0.0090	
2880 minute winter	J18	1.020	J19	3.7	0.675	0.013	0.0091	
2880 minute winter	J19	1.021	S4	3.8	0.496	0.069	0.0511	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J20	1980	186.088	0.057	0.6	0.0642	0.0000	OK
2880 minute winter	J21	1980	186.088	0.079	0.7	0.0891	0.0000	OK
2880 minute winter	J22	1980	186.088	0.125	0.8	0.1411	0.0000	OK
2880 minute winter	J23	1980	186.088	0.146	0.9	0.1648	0.0000	OK
2880 minute winter	J24	1980	186.088	0.271	1.4	0.3060	0.0000	SURCHARGED
2880 minute winter	J25	1980	186.088	0.292	1.5	0.3298	0.0000	SURCHARGED
2880 minute winter	J26	1980	186.088	0.309	1.6	0.3490	0.0000	SURCHARGED
2880 minute winter	J27	1980	186.087	0.351	2.1	0.3975	0.0000	SURCHARGED
2880 minute winter	J28	1560	186.376	0.020	0.5	0.0222	0.0000	OK
2880 minute winter	J29	1500	186.293	0.022	0.6	0.0251	0.0000	OK
2880 minute winter	J30	1500	186.179	0.032	1.2	0.0359	0.0000	OK
2880 minute winter	J31	1560	186.077	0.032	1.3	0.0367	0.0000	OK
2880 minute winter	J32	1500	186.044	0.033	1.4	0.0371	0.0000	OK
2880 minute winter	J33	1440	185.557	0.022	2.0	0.0245	0.0000	OK
2880 minute winter	J34	1560	185.166	0.040	2.5	0.0458	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J20	23.002	J21	0.6	0.355	0.044	0.0292	
2880 minute winter	J21	23.003	J22	0.7	0.370	0.052	0.1002	
2880 minute winter	J22	23.004	J23	0.8	0.382	0.059	0.0595	
2880 minute winter	J23	23.005	S18	0.9	0.427	0.067	0.1316	
2880 minute winter	J24	23.007	J25	1.4	0.357	0.047	0.2458	
2880 minute winter	J25	23.008	J26	1.5	0.356	0.050	0.1975	
2880 minute winter	J26	23.009	S19	1.6	0.357	0.052	0.1474	
2880 minute winter	J27	23.011	S4	2.1	0.454	0.070	0.0951	
2880 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
2880 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
2880 minute winter	J30	32.004	J31	1.2	0.456	0.090	0.0131	
2880 minute winter	J31	32.005	J32	1.3	0.367	0.043	0.0345	
2880 minute winter	J32	32.006	S13	1.4	0.518	0.047	0.0145	
2880 minute winter	J33	32.008	S14	2.0	0.694	0.019	0.0266	
2880 minute winter	J34	32.010	J35	2.5	0.682	0.065	0.0335	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J35	1560	185.101	0.026	2.6	0.0299	0.0000	OK
2880 minute winter	J36	1440	184.918	0.043	2.7	0.0486	0.0000	OK
2880 minute winter	J37	1500	184.546	0.046	3.2	0.0518	0.0000	OK
2880 minute winter	J38	1440	184.355	0.055	3.7	0.0622	0.0000	OK
2880 minute winter	J39	1560	184.326	0.052	3.8	0.0585	0.0000	OK
2880 minute winter	J40	1560	184.307	0.042	3.9	0.0473	0.0000	OK
2880 minute winter	J41	1440	184.610	0.013	0.2	0.0143	0.0000	OK
2880 minute winter	J42	1440	184.553	0.016	0.3	0.0176	0.0000	OK
2880 minute winter	J43	1500	184.407	0.027	0.8	0.0305	0.0000	OK
2880 minute winter	J44	1500	184.397	0.027	0.9	0.0301	0.0000	OK
2880 minute winter	J45	1500	184.349	0.029	1.0	0.0332	0.0000	OK
2880 minute winter	J46	1500	184.258	0.036	1.5	0.0410	0.0000	OK
2880 minute winter	J47	1500	184.248	0.041	1.6	0.0463	0.0000	OK
2880 minute winter	J48	1500	184.236	0.042	2.1	0.0471	0.0000	OK
2880 minute winter	J49	1500	184.217	0.048	2.2	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J35	32.011	J36	2.6	0.673	0.029	0.0270	
2880 minute winter	J36	32.012	S15	2.7	0.661	0.090	0.0098	
2880 minute winter	J37	32.014	S16	3.2	0.727	0.058	0.0237	
2880 minute winter	J38	32.016	J39	3.7	0.438	0.068	0.0915	
2880 minute winter	J39	32.017	J40	3.8	0.544	0.069	0.0256	
2880 minute winter	J40	32.018	S10	3.9	0.675	0.039	0.0553	
2880 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0042	
2880 minute winter	J42	48.003	S21	0.3	0.392	0.051	0.0063	
2880 minute winter	J43	48.005	J44	0.8	0.377	0.057	0.0034	
2880 minute winter	J44	48.006	J45	0.9	0.398	0.067	0.0199	
2880 minute winter	J45	48.007	S22	1.0	0.432	0.074	0.0055	
2880 minute winter	J46	48.009	J47	1.5	0.332	0.049	0.0190	
2880 minute winter	J47	48.010	S23	1.6	0.306	0.053	0.0138	
2880 minute winter	J48	48.012	J49	2.1	0.375	0.070	0.0417	
2880 minute winter	J49	48.013	J50	2.2	0.369	0.072	0.0068	

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J50	1500	184.211	0.046	2.3	0.0516	0.0000	OK
2880 minute winter	J51	1500	184.198	0.050	2.4	0.0566	0.0000	OK
2880 minute winter	J52	2700	184.196	0.052	2.6	0.0588	0.0000	OK
2880 minute winter	J53	2700	184.196	0.069	2.7	0.0779	0.0000	OK
2880 minute winter	J54	1620	185.149	0.020	0.5	0.0231	0.0000	OK
2880 minute winter	J55	1380	185.113	0.019	0.6	0.0219	0.0000	OK
2880 minute winter	J56	2700	184.196	0.189	3.8	0.2137	0.0000	OK
2880 minute winter	J57	2700	184.196	0.211	3.9	0.2385	0.0000	OK
2880 minute winter	BASIN 1	1980	186.087	1.162	6.4	147.0185	0.0000	SURCHARGED
2880 minute winter	BASIN 2	1980	184.850	0.550	3.8	55.7060	0.0000	OK
2880 minute winter	BASIN 3	3120	184.154	1.054	8.3	658.0074	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J50	48.014	J51	2.3	0.374	0.077	0.0312	
2880 minute winter	J51	48.015	J52	2.4	0.380	0.078	0.0074	
2880 minute winter	J52	48.016	J53	2.6	0.431	0.085	0.0419	
2880 minute winter	J53	48.017	S24	2.7	0.491	0.090	0.1446	
2880 minute winter	J54	65.002	J55	0.5	0.453	0.084	0.0040	
2880 minute winter	J55	65.003	S24	0.6	0.572	0.079	0.0082	
2880 minute winter	J56	48.019	J57	3.8	0.408	0.070	0.4527	
2880 minute winter	J57	48.020	S25	3.9	0.414	0.071	0.3358	
2880 minute winter	BASIN 1	1.023	S5	3.7	0.096	0.045	0.9418	
2880 minute winter	BASIN 1	Infiltration		0.1				13.9
2880 minute winter	BASIN 2	1.027	S7	3.7	0.571	0.045	0.1464	
2880 minute winter	BASIN 2	71.000	BH1	0.4	0.263	0.070	0.1829	
2880 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	1.3	0.415	0.011	1.8265	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2700	184.196	0.866	4.7	270.0952	0.0000	SURCHARGED
2880 minute winter	SWALE 1	1980	184.927	0.053	3.7	0.0764	0.0000	OK
2880 minute winter	SWALE 2	1980	184.429	0.054	3.7	0.0770	0.0000	OK
2880 minute winter	SWALE 3	3120	184.152	0.157	7.7	0.2242	0.0000	OK
2880 minute winter	BH1	1980	184.850	0.773	0.4	3.0442	0.0000	OK
2880 minute winter	BH2	3120	184.154	1.071	1.3	6.9237	0.0000	OK
2880 minute winter	BH3	2700	184.196	0.877	0.3	5.6968	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.3	0.235	0.005	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
2880 minute winter	SWALE 1	1.025	S6	3.7	0.377	0.045	0.3720	
2880 minute winter	SWALE 2	1.029	S8	3.7	0.546	0.045	0.1802	
2880 minute winter	SWALE 3	1.033	BASIN 3	7.7	0.640	0.062	3.1546	
2880 minute winter	BH1	Infiltration		0.1				15.7
2880 minute winter	BH2	Infiltration		0.2				18.2
2880 minute winter	BH3	Infiltration		0.2				28.3

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S1	2100	188.383	0.013	0.3	0.0188	0.0000	OK
4320 minute summer	S2	2220	187.092	0.053	3.3	0.0918	0.0000	OK
4320 minute summer	S3	2220	186.191	0.054	4.6	0.0719	0.0000	OK
4320 minute summer	S4	2640	186.066	0.688	7.8	0.8824	0.0000	SURCHARGED
4320 minute summer	S5	2640	186.066	1.156	3.7	1.6543	0.0000	SURCHARGED
4320 minute summer	S6	2640	184.863	0.055	3.7	0.0792	0.0000	OK
4320 minute summer	S7	2640	184.788	0.029	3.7	0.0414	0.0000	OK
4320 minute summer	S8	2640	184.361	0.031	3.7	0.0444	0.0000	OK
4320 minute summer	S9	2460	184.176	0.051	3.7	0.0736	0.0000	OK
4320 minute summer	S10	2220	184.157	0.044	8.8	0.0808	0.0000	OK
4320 minute summer	S11	2160	186.418	0.018	0.4	0.0282	0.0000	OK
4320 minute summer	S12	2220	186.208	0.032	1.2	0.0469	0.0000	OK
4320 minute summer	S13	2220	186.017	0.024	2.2	0.0354	0.0000	OK
4320 minute summer	S14	2220	185.214	0.039	2.9	0.0610	0.0000	OK
4320 minute summer	S15	2220	184.899	0.032	3.8	0.0505	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S1	1.000	J1	0.3	0.355	0.034	0.0075	
4320 minute summer	S2	1.012	J12	3.3	0.511	0.111	0.0097	
4320 minute summer	S3	1.019	J18	4.6	0.770	0.086	0.0313	
4320 minute summer	S4	1.022	BASIN 1	7.8	0.685	0.046	1.1778	
4320 minute summer	S5	1.024	SWALE 1	3.7	0.381	0.044	0.1965	
4320 minute summer	S6	1.026	BASIN 2	3.7	0.389	0.042	0.0562	
4320 minute summer	S7	1.028	SWALE 2	3.7	0.565	0.012	0.1128	
4320 minute summer	S8	1.030	S9	3.7	0.586	0.014	0.0797	
4320 minute summer	S9	1.031	S10	3.7	0.583	0.044	0.0544	
4320 minute summer	S10	1.032	SWALE 3	8.8	0.859	0.027	0.0793	
4320 minute summer	S11	32.000	J28	0.4	0.394	0.067	0.0046	
4320 minute summer	S12	32.003	J30	1.2	0.419	0.090	0.0146	
4320 minute summer	S13	32.007	J33	2.2	0.997	0.022	0.0287	
4320 minute summer	S14	32.009	J34	2.9	0.579	0.057	0.0263	
4320 minute summer	S15	32.013	J37	3.8	1.125	0.041	0.0315	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S16	2220	184.512	0.025	4.5	0.0380	0.0000	OK
4320 minute summer	S17	2160	186.170	0.020	0.5	0.0319	0.0000	OK
4320 minute summer	S18	2640	186.067	0.243	1.5	0.3584	0.0000	SURCHARGED
4320 minute summer	S19	2640	186.066	0.300	2.4	0.4329	0.0000	SURCHARGED
4320 minute summer	S20	2220	184.655	0.013	0.2	0.0145	0.0000	OK
4320 minute summer	S21	2220	184.436	0.027	0.9	0.0357	0.0000	OK
4320 minute summer	S22	2220	184.272	0.041	1.8	0.0532	0.0000	OK
4320 minute summer	S23	2220	184.249	0.051	2.5	0.0654	0.0000	OK
4320 minute summer	S24	3240	184.142	0.125	4.7	0.1639	0.0000	OK
4320 minute summer	S25	3240	184.142	0.172	5.2	0.2374	0.0000	OK
4320 minute summer	S26	2280	185.391	0.013	0.4	0.0199	0.0000	OK
4320 minute summer	FC1	2220	188.302	0.052	0.2	0.0665	0.0000	OK
4320 minute summer	FC2	2220	188.202	0.052	0.2	0.0671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S16	32.015	J38	4.5	0.716	0.014	0.0153	
4320 minute summer	S17	23.001	J20	0.5	0.455	0.084	0.0079	
4320 minute summer	S18	23.006	J24	1.5	0.354	0.047	0.0729	
4320 minute summer	S19	23.010	J27	2.4	0.415	0.080	0.3541	
4320 minute summer	S20	48.001	J41	0.2	0.347	0.034	0.0027	
4320 minute summer	S21	48.004	J43	0.9	0.371	0.068	0.0124	
4320 minute summer	S22	48.008	J46	1.8	0.362	0.057	0.0121	
4320 minute summer	S23	48.011	J48	2.5	0.389	0.081	0.0072	
4320 minute summer	S24	48.018	J56	4.7	0.422	0.088	0.1237	
4320 minute summer	S25	48.021	BASIN 4	5.2	0.535	0.098	0.1654	
4320 minute summer	S26	65.001	J54	0.4	0.458	0.039	0.0076	
4320 minute summer	FC1	2.000	J1	0.2	0.227	0.032	0.0043	
4320 minute summer	FC1	Infiltration		0.0				0.0
4320 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
4320 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC3	2220	188.252	0.052	0.2	0.0697	0.0000	OK
4320 minute summer	FC4	2280	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC5	2220	188.052	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC6	2460	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC7	2460	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC8	2220	187.800	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC9	1860	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC10	2220	187.521	0.051	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
4320 minute summer	FC3	Infiltration		0.0				0.0
4320 minute summer	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute summer	FC4	Infiltration		0.0				0.0
4320 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
4320 minute summer	FC5	Infiltration		0.0				0.0
4320 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute summer	FC6	Infiltration		0.0				0.0
4320 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute summer	FC7	Infiltration		0.0				0.0
4320 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
4320 minute summer	FC8	Infiltration		0.0				0.0
4320 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute summer	FC9	Infiltration		0.0				0.0
4320 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC11	2220	187.372	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC12	2220	187.282	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC13	2220	187.052	0.052	0.2	0.0670	0.0000	OK
4320 minute summer	FC14	2220	186.942	0.042	0.2	0.5326	0.0000	OK
4320 minute summer	FC15	1860	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute summer	FC16	2340	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC17	2340	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC10	Infiltration		0.0				0.0
4320 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
4320 minute summer	FC11	Infiltration		0.0				0.0
4320 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
4320 minute summer	FC12	Infiltration		0.0				0.0
4320 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
4320 minute summer	FC13	Infiltration		0.0				0.0
4320 minute summer	FC14	15.000	J13	0.2	0.334	0.029	0.0039	
4320 minute summer	FC14	Infiltration		0.0				0.0
4320 minute summer	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute summer	FC15	Infiltration		0.0				0.0
4320 minute summer	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute summer	FC16	Infiltration		0.0				0.0
4320 minute summer	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC18	1860	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC19	2220	186.452	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC20	2220	187.000	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC21	2220	186.352	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC22	2220	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute summer	FC23	2220	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC24	2220	186.350	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC25	2220	186.600	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute summer	FC18	Infiltration		0.0				0.0
4320 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038	
4320 minute summer	FC19	Infiltration		0.0				0.0
4320 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
4320 minute summer	FC20	Infiltration		0.0				0.0
4320 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044	
4320 minute summer	FC21	Infiltration		0.0				0.0
4320 minute summer	FC22	23.000	S17	0.1	0.223	0.007	0.0031	
4320 minute summer	FC22	Infiltration		0.0				0.0
4320 minute summer	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute summer	FC23	Infiltration		0.0				0.0
4320 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0015	
4320 minute summer	FC24	Infiltration		0.0				0.0
4320 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC26	1980	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute summer	FC27	1860	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute summer	FC28	2220	186.550	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC29	2220	186.550	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC30	2220	186.800	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC31	1860	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC32	2340	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC25	Infiltration		0.0				0.0
4320 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute summer	FC26	Infiltration		0.0				0.0
4320 minute summer	FC27	28.000	J24	0.1	0.688	0.005	0.0179	
4320 minute summer	FC27	Infiltration		0.0				0.0
4320 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013	
4320 minute summer	FC28	Infiltration		0.0				0.0
4320 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014	
4320 minute summer	FC29	Infiltration		0.0				0.0
4320 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014	
4320 minute summer	FC30	Infiltration		0.0				0.0
4320 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
4320 minute summer	FC31	Infiltration		0.0				0.0
4320 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
4320 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC33	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC34	2220	186.502	0.052	0.2	0.0668	0.0000	OK
4320 minute summer	FC35	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC36	2220	186.500	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC37	2220	185.850	0.050	0.2	0.0678	0.0000	OK
4320 minute summer	FC38	2100	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute summer	FC39	2040	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC40	2220	185.550	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
4320 minute summer	FC33	Infiltration		0.0				0.0
4320 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
4320 minute summer	FC34	Infiltration		0.0				0.0
4320 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
4320 minute summer	FC35	Infiltration		0.0				0.0
4320 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
4320 minute summer	FC36	Infiltration		0.0				0.0
4320 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
4320 minute summer	FC37	Infiltration		0.0				0.0
4320 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute summer	FC38	Infiltration		0.0				0.0
4320 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute summer	FC39	Infiltration		0.0				0.0
4320 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC41	2220	184.900	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC42	2220	184.650	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC43	2220	184.650	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC44	1860	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute summer	FC45	2220	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC46	2220	184.752	0.052	0.2	0.0702	0.0000	OK
4320 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC48	2220	184.850	0.050	0.2	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC40	Infiltration		0.0				0.0
4320 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020	
4320 minute summer	FC41	Infiltration		0.0				0.0
4320 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022	
4320 minute summer	FC42	Infiltration		0.0				0.0
4320 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0017	
4320 minute summer	FC43	Infiltration		0.0				0.0
4320 minute summer	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute summer	FC44	Infiltration		0.0				0.0
4320 minute summer	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute summer	FC45	Infiltration		0.0				0.0
4320 minute summer	FC46	48.000	S20	0.2	0.344	0.034	0.0035	
4320 minute summer	FC46	Infiltration		0.0				0.0
4320 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0015	
4320 minute summer	FC48	50.000	J42	0.2	0.329	0.014	0.0032	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC49	2220	184.852	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC50	2220	184.852	0.052	0.2	0.0672	0.0000	OK
4320 minute summer	FC51	2220	184.902	0.052	0.2	0.0671	0.0000	OK
4320 minute summer	FC52	2220	185.300	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC53	2220	185.300	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC54	1860	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC55	2340	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC48	Infiltration		0.0				0.0
4320 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
4320 minute summer	FC49	Infiltration		0.0				0.0
4320 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
4320 minute summer	FC50	Infiltration		0.0				0.0
4320 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
4320 minute summer	FC51	Infiltration		0.0				0.0
4320 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
4320 minute summer	FC52	Infiltration		0.0				0.0
4320 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
4320 minute summer	FC53	Infiltration		0.0				0.0
4320 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute summer	FC54	Infiltration		0.0				0.0
4320 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC56	1860	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC57	2220	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC58	2280	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC59	1980	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC60	2220	185.400	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC61	2220	185.350	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC62	2220	185.301	0.050	0.2	0.0682	0.0000	OK
4320 minute summer	FC63	2040	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute summer	FC56	Infiltration		0.0				0.0
4320 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute summer	FC57	Infiltration		0.0				0.0
4320 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute summer	FC58	Infiltration		0.0				0.0
4320 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute summer	FC59	Infiltration		0.0				0.0
4320 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
4320 minute summer	FC60	Infiltration		0.0				0.0
4320 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
4320 minute summer	FC61	Infiltration		0.0				0.0
4320 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
4320 minute summer	FC62	Infiltration		0.0				0.0
4320 minute summer	FC63	65.000	S26	0.1	0.232	0.017	0.0012	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC64	1980	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	FC65	2220	185.200	0.050	0.2	0.0648	0.0000	OK
4320 minute summer	FC66	2220	185.051	0.051	0.2	0.0660	0.0000	OK
4320 minute summer	FC67	1920	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute summer	FC68	2040	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute summer	J1	2220	188.222	0.022	0.8	0.0320	0.0000	OK
4320 minute summer	J2	2220	188.088	0.032	1.0	0.0362	0.0000	OK
4320 minute summer	J3	2220	188.081	0.031	1.2	0.0348	0.0000	OK
4320 minute summer	J4	2220	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC63	Infiltration		0.0				0.0
4320 minute summer	FC64	66.000	J54	0.1	0.156	0.017	0.0016	
4320 minute summer	FC64	Infiltration		0.0				0.0
4320 minute summer	FC65	67.000	J55	0.2	0.276	0.021	0.0018	
4320 minute summer	FC65	Infiltration		0.0				0.0
4320 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
4320 minute summer	FC66	Infiltration		0.0				0.0
4320 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute summer	FC67	Infiltration		0.0				0.0
4320 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute summer	FC68	Infiltration		0.0				0.0
4320 minute summer	J1	1.001	J2	0.8	0.654	0.096	0.0061	
4320 minute summer	J2	1.002	J3	1.0	0.374	0.074	0.0028	
4320 minute summer	J3	1.003	J4	1.2	0.594	0.090	0.0040	
4320 minute summer	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J5	2220	187.930	0.020	1.5	0.0230	0.0000	OK
4320 minute summer	J6	2220	187.677	0.027	1.6	0.0300	0.0000	OK
4320 minute summer	J7	2220	187.558	0.033	1.7	0.0376	0.0000	OK
4320 minute summer	J8	2220	187.544	0.023	1.9	0.0258	0.0000	OK
4320 minute summer	J9	2220	187.312	0.037	2.0	0.0415	0.0000	OK
4320 minute summer	J10	2220	187.291	0.021	2.2	0.0233	0.0000	OK
4320 minute summer	J11	2220	187.151	0.030	2.4	0.0335	0.0000	OK
4320 minute summer	J12	2220	186.846	0.037	3.5	0.0414	0.0000	OK
4320 minute summer	J13	2220	186.686	0.059	3.7	0.0669	0.0000	OK
4320 minute summer	J14	2220	186.679	0.057	3.8	0.0641	0.0000	OK
4320 minute summer	J15	2220	186.668	0.051	3.9	0.0581	0.0000	OK
4320 minute summer	J16	2220	186.642	0.037	4.0	0.0422	0.0000	OK
4320 minute summer	J17	2220	186.307	0.024	4.1	0.0272	0.0000	OK
4320 minute summer	J18	2220	186.155	0.030	4.8	0.0334	0.0000	OK
4320 minute summer	J19	2220	186.089	0.062	5.0	0.0701	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J5	1.005	J6	1.5	0.856	0.039	0.0100	
4320 minute summer	J6	1.006	J7	1.6	0.814	0.056	0.0039	
4320 minute summer	J7	1.007	J8	1.7	0.600	0.055	0.0032	
4320 minute summer	J8	1.008	J9	1.9	0.616	0.021	0.0266	
4320 minute summer	J9	1.009	J10	2.0	0.695	0.061	0.0036	
4320 minute summer	J10	1.010	J11	2.2	0.915	0.017	0.0059	
4320 minute summer	J11	1.011	S2	2.4	0.481	0.037	0.0274	
4320 minute summer	J12	1.013	J13	3.5	0.867	0.052	0.0261	
4320 minute summer	J13	1.014	J14	3.7	0.386	0.065	0.0180	
4320 minute summer	J14	1.015	J15	3.8	0.439	0.067	0.0165	
4320 minute summer	J15	1.016	J16	3.9	0.599	0.073	0.0334	
4320 minute summer	J16	1.017	J17	4.0	0.840	0.028	0.0159	
4320 minute summer	J17	1.018	S3	4.1	0.758	0.013	0.0106	
4320 minute summer	J18	1.020	J19	4.8	0.707	0.017	0.0104	
4320 minute summer	J19	1.021	S4	5.0	0.530	0.090	0.0413	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J20	2640	186.067	0.036	0.6	0.0404	0.0000	OK
4320 minute summer	J21	2640	186.067	0.058	0.8	0.0652	0.0000	OK
4320 minute summer	J22	2640	186.067	0.104	1.0	0.1172	0.0000	OK
4320 minute summer	J23	2640	186.067	0.125	1.1	0.1409	0.0000	OK
4320 minute summer	J24	2640	186.067	0.249	1.6	0.2822	0.0000	SURCHARGED
4320 minute summer	J25	2640	186.067	0.270	1.8	0.3059	0.0000	SURCHARGED
4320 minute summer	J26	2640	186.067	0.287	2.0	0.3251	0.0000	SURCHARGED
4320 minute summer	J27	2640	186.066	0.330	2.6	0.3736	0.0000	SURCHARGED
4320 minute summer	J28	2220	186.376	0.020	0.5	0.0222	0.0000	OK
4320 minute summer	J29	2220	186.293	0.022	0.6	0.0251	0.0000	OK
4320 minute summer	J30	2220	186.181	0.034	1.4	0.0389	0.0000	OK
4320 minute summer	J31	2220	186.080	0.036	1.6	0.0407	0.0000	OK
4320 minute summer	J32	2220	186.048	0.037	1.8	0.0417	0.0000	OK
4320 minute summer	J33	2220	185.559	0.024	2.4	0.0267	0.0000	OK
4320 minute summer	J34	2220	185.169	0.044	3.0	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J20	23.002	J21	0.6	0.354	0.044	0.0178	
4320 minute summer	J21	23.003	J22	0.8	0.372	0.060	0.0770	
4320 minute summer	J22	23.004	J23	1.0	0.409	0.074	0.0514	
4320 minute summer	J23	23.005	S18	1.1	0.452	0.082	0.1247	
4320 minute summer	J24	23.007	J25	1.6	0.361	0.053	0.2458	
4320 minute summer	J25	23.008	J26	1.8	0.365	0.060	0.1975	
4320 minute summer	J26	23.009	S19	2.0	0.380	0.065	0.1474	
4320 minute summer	J27	23.011	S4	2.6	0.474	0.086	0.0951	
4320 minute summer	J28	32.001	J29	0.5	0.421	0.084	0.0105	
4320 minute summer	J29	32.002	S12	0.6	0.476	0.101	0.0059	
4320 minute summer	J30	32.004	J31	1.4	0.476	0.106	0.0146	
4320 minute summer	J31	32.005	J32	1.6	0.385	0.053	0.0405	
4320 minute summer	J32	32.006	S13	1.8	0.568	0.060	0.0170	
4320 minute summer	J33	32.008	S14	2.4	0.725	0.023	0.0306	
4320 minute summer	J34	32.010	J35	3.0	0.722	0.078	0.0380	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J35	2220	185.104	0.029	3.1	0.0325	0.0000	OK
4320 minute summer	J36	2220	184.922	0.047	3.3	0.0535	0.0000	OK
4320 minute summer	J37	2220	184.551	0.051	4.0	0.0573	0.0000	OK
4320 minute summer	J38	2220	184.362	0.062	4.7	0.0702	0.0000	OK
4320 minute summer	J39	2220	184.332	0.058	4.9	0.0659	0.0000	OK
4320 minute summer	J40	2220	184.312	0.047	5.0	0.0537	0.0000	OK
4320 minute summer	J41	2220	184.610	0.013	0.2	0.0143	0.0000	OK
4320 minute summer	J42	2220	184.555	0.018	0.4	0.0203	0.0000	OK
4320 minute summer	J43	2220	184.412	0.032	1.1	0.0360	0.0000	OK
4320 minute summer	J44	2220	184.401	0.031	1.2	0.0349	0.0000	OK
4320 minute summer	J45	2220	184.354	0.034	1.3	0.0380	0.0000	OK
4320 minute summer	J46	2220	184.264	0.041	1.9	0.0469	0.0000	OK
4320 minute summer	J47	2220	184.254	0.047	2.0	0.0530	0.0000	OK
4320 minute summer	J48	2220	184.242	0.048	2.7	0.0542	0.0000	OK
4320 minute summer	J49	2220	184.225	0.056	2.9	0.0637	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J35	32.011	J36	3.1	0.702	0.035	0.0309	
4320 minute summer	J36	32.012	S15	3.3	0.702	0.110	0.0113	
4320 minute summer	J37	32.014	S16	4.0	0.782	0.072	0.0275	
4320 minute summer	J38	32.016	J39	4.7	0.468	0.087	0.1087	
4320 minute summer	J39	32.017	J40	4.9	0.588	0.090	0.0306	
4320 minute summer	J40	32.018	S10	5.0	0.725	0.050	0.0660	
4320 minute summer	J41	48.002	J42	0.2	0.299	0.034	0.0047	
4320 minute summer	J42	48.003	S21	0.4	0.425	0.068	0.0077	
4320 minute summer	J43	48.005	J44	1.1	0.413	0.079	0.0043	
4320 minute summer	J44	48.006	J45	1.2	0.433	0.090	0.0244	
4320 minute summer	J45	48.007	S22	1.3	0.465	0.096	0.0067	
4320 minute summer	J46	48.009	J47	1.9	0.346	0.062	0.0232	
4320 minute summer	J47	48.010	S23	2.0	0.316	0.066	0.0167	
4320 minute summer	J48	48.012	J49	2.7	0.389	0.090	0.0518	
4320 minute summer	J49	48.013	J50	2.9	0.386	0.095	0.0085	

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J50	2220	184.219	0.054	3.1	0.0610	0.0000	OK
4320 minute summer	J51	2220	184.206	0.058	3.2	0.0658	0.0000	OK
4320 minute summer	J52	2220	184.199	0.055	3.4	0.0619	0.0000	OK
4320 minute summer	J53	2220	184.180	0.053	3.5	0.0604	0.0000	OK
4320 minute summer	J54	2340	185.149	0.020	0.5	0.0231	0.0000	OK
4320 minute summer	J55	2220	185.115	0.021	0.7	0.0237	0.0000	OK
4320 minute summer	J56	3240	184.142	0.135	4.8	0.1523	0.0000	OK
4320 minute summer	J57	3240	184.142	0.157	4.9	0.1772	0.0000	OK
4320 minute summer	BASIN 1	2640	186.066	1.141	8.0	143.6054	0.0000	SURCHARGED
4320 minute summer	BASIN 2	2640	184.850	0.550	3.8	55.6789	0.0000	OK
4320 minute summer	BASIN 3	4140	184.128	1.028	9.5	645.3995	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J50	48.014	J51	3.1	0.403	0.104	0.0391	
4320 minute summer	J51	48.015	J52	3.2	0.411	0.104	0.0088	
4320 minute summer	J52	48.016	J53	3.4	0.465	0.111	0.0357	
4320 minute summer	J53	48.017	S24	3.5	0.528	0.116	0.0681	
4320 minute summer	J54	65.002	J55	0.5	0.453	0.084	0.0042	
4320 minute summer	J55	65.003	S24	0.7	0.598	0.092	0.0092	
4320 minute summer	J56	48.019	J57	4.8	0.433	0.089	0.3081	
4320 minute summer	J57	48.020	S25	4.9	0.442	0.090	0.2412	
4320 minute summer	BASIN 1	1.023	S5	3.7	0.096	0.044	0.9418	
4320 minute summer	BASIN 1	Infiltration		0.1				13.9
4320 minute summer	BASIN 2	1.027	S7	3.7	0.569	0.045	0.1455	
4320 minute summer	BASIN 2	71.000	BH1	0.2	0.276	0.030	0.1829	
4320 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute summer	BASIN 3	1.034	BH2	0.4	0.064	0.003	1.8265	
4320 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	BASIN 4	3240	184.142	0.812	5.7	251.4811	0.0000	SURCHARGED
4320 minute summer	SWALE 1	2640	184.927	0.053	3.7	0.0761	0.0000	OK
4320 minute summer	SWALE 2	2640	184.429	0.054	3.7	0.0767	0.0000	OK
4320 minute summer	SWALE 3	4080	184.128	0.133	8.8	0.1906	0.0000	OK
4320 minute summer	BH1	2640	184.850	0.773	0.2	3.0435	0.0000	OK
4320 minute summer	BH2	4140	184.128	1.045	0.4	6.7960	0.0000	OK
4320 minute summer	BH3	3240	184.142	0.823	0.3	5.4440	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
4320 minute summer	BASIN 4	Infiltration		0.0				0.0
4320 minute summer	SWALE 1	1.025	S6	3.7	0.376	0.044	0.3695	
4320 minute summer	SWALE 2	1.029	S8	3.7	0.544	0.045	0.1790	
4320 minute summer	SWALE 3	1.033	BASIN 3	8.8	0.662	0.071	2.8183	
4320 minute summer	BH1	Infiltration		0.1				22.9
4320 minute summer	BH2	Infiltration		0.2				25.9
4320 minute summer	BH3	Infiltration		0.2				37.2

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S1	1800	188.381	0.011	0.2	0.0155	0.0000	OK
4320 minute winter	S2	2160	187.081	0.042	2.1	0.0728	0.0000	OK
4320 minute winter	S3	2220	186.182	0.045	3.0	0.0594	0.0000	OK
4320 minute winter	S4	2700	185.993	0.614	5.2	0.7877	0.0000	SURCHARGED
4320 minute winter	S5	2700	185.992	1.082	3.6	1.5486	0.0000	SURCHARGED
4320 minute winter	S6	2700	184.862	0.054	3.6	0.0779	0.0000	OK
4320 minute winter	S7	2700	184.788	0.028	3.6	0.0407	0.0000	OK
4320 minute winter	S8	2700	184.361	0.031	3.6	0.0437	0.0000	OK
4320 minute winter	S9	4200	184.247	0.122	3.6	0.1750	0.0000	OK
4320 minute winter	S10	4200	184.247	0.134	10.5	0.2444	0.0000	OK
4320 minute winter	S11	2040	186.415	0.015	0.3	0.0243	0.0000	OK
4320 minute winter	S12	2160	186.203	0.027	0.9	0.0404	0.0000	OK
4320 minute winter	S13	2040	186.013	0.020	1.5	0.0295	0.0000	OK
4320 minute winter	S14	2100	185.206	0.031	1.9	0.0488	0.0000	OK
4320 minute winter	S15	2040	184.893	0.026	2.5	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S1	1.000	J1	0.2	0.307	0.023	0.0054	
4320 minute winter	S2	1.012	J12	2.1	0.453	0.070	0.0069	
4320 minute winter	S3	1.019	J18	3.0	0.696	0.056	0.0229	
4320 minute winter	S4	1.022	BASIN 1	5.2	0.670	0.031	1.1778	
4320 minute winter	S5	1.024	SWALE 1	3.6	0.377	0.043	0.1917	
4320 minute winter	S6	1.026	BASIN 2	3.6	0.377	0.041	0.0549	
4320 minute winter	S7	1.028	SWALE 2	3.6	0.558	0.012	0.1102	
4320 minute winter	S8	1.030	S9	3.6	0.577	0.014	0.1907	
4320 minute winter	S9	1.031	S10	3.6	0.573	0.042	0.2225	
4320 minute winter	S10	1.032	SWALE 3	8.0	0.809	0.024	0.2491	
4320 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038	
4320 minute winter	S12	32.003	J30	0.9	0.395	0.067	0.0116	
4320 minute winter	S13	32.007	J33	1.5	0.898	0.015	0.0217	
4320 minute winter	S14	32.009	J34	1.9	0.514	0.037	0.0194	
4320 minute winter	S15	32.013	J37	2.5	0.996	0.027	0.0234	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	2100	184.507	0.020	2.9	0.0311	0.0000	OK
4320 minute winter	S17	2100	186.168	0.018	0.4	0.0286	0.0000	OK
4320 minute winter	S18	2700	185.993	0.169	1.1	0.2492	0.0000	OK
4320 minute winter	S19	2700	185.993	0.227	1.7	0.3265	0.0000	SURCHARGED
4320 minute winter	S20	2880	184.651	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	S21	1980	184.429	0.020	0.5	0.0264	0.0000	OK
4320 minute winter	S22	2340	184.262	0.031	1.1	0.0407	0.0000	OK
4320 minute winter	S23	2280	184.238	0.040	1.6	0.0510	0.0000	OK
4320 minute winter	S24	3360	184.181	0.164	3.0	0.2157	0.0000	OK
4320 minute winter	S25	3360	184.181	0.211	3.4	0.2919	0.0000	OK
4320 minute winter	S26	2340	185.389	0.012	0.3	0.0174	0.0000	OK
4320 minute winter	FC1	2820	188.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC2	1980	188.172	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	2.9	0.635	0.009	0.0111	
4320 minute winter	S17	23.001	J20	0.4	0.426	0.067	0.0067	
4320 minute winter	S18	23.006	J24	1.1	0.326	0.034	0.0597	
4320 minute winter	S19	23.010	J27	1.7	0.385	0.057	0.3540	
4320 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016	
4320 minute winter	S21	48.004	J43	0.5	0.322	0.038	0.0079	
4320 minute winter	S22	48.008	J46	1.1	0.324	0.035	0.0083	
4320 minute winter	S23	48.011	J48	1.6	0.357	0.052	0.0050	
4320 minute winter	S24	48.018	J56	3.0	0.376	0.056	0.1735	
4320 minute winter	S25	48.021	BASIN 4	3.4	0.478	0.064	0.2085	
4320 minute winter	S26	65.001	J54	0.3	0.409	0.029	0.0063	
4320 minute winter	FC1	2.000	J1	0.1	0.212	0.016	0.0029	
4320 minute winter	FC1	Infiltration		0.0				0.0
4320 minute winter	FC2	3.000	J2	0.1	0.283	0.017	0.0016	
4320 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC3	1440	188.222	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC4	2400	188.222	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC5	2820	188.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC6	2280	187.872	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC7	2100	187.772	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC8	2520	187.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC9	2160	187.492	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC10	2820	187.492	0.022	0.1	0.0297	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC3	4.000	J3	0.1	0.294	0.016	0.0032	
4320 minute winter	FC3	Infiltration		0.0				0.0
4320 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute winter	FC4	Infiltration		0.0				0.0
4320 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015	
4320 minute winter	FC5	Infiltration		0.0				0.0
4320 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute winter	FC6	Infiltration		0.0				0.0
4320 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute winter	FC7	Infiltration		0.0				0.0
4320 minute winter	FC8	9.000	J8	0.1	0.392	0.010	0.0011	
4320 minute winter	FC8	Infiltration		0.0				0.0
4320 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute winter	FC9	Infiltration		0.0				0.0
4320 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC11	1980	187.342	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC12	2820	187.252	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC13	2820	187.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC14	1980	186.922	0.022	0.1	0.2805	0.0000	OK
4320 minute winter	FC15	1800	187.222	0.022	0.1	0.0274	0.0000	OK
4320 minute winter	FC16	1800	186.922	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC17	2400	187.022	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC10	Infiltration		0.0				0.0
4320 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027	
4320 minute winter	FC11	Infiltration		0.0				0.0
4320 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024	
4320 minute winter	FC12	Infiltration		0.0				0.0
4320 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024	
4320 minute winter	FC13	Infiltration		0.0				0.0
4320 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027	
4320 minute winter	FC14	Infiltration		0.0				0.0
4320 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute winter	FC15	Infiltration		0.0				0.0
4320 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute winter	FC16	Infiltration		0.0				0.0
4320 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC18	2100	186.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC19	2520	186.422	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC20	1620	186.972	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC21	2100	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC22	2160	186.472	0.022	0.1	0.2129	0.0000	OK
4320 minute winter	FC23	2400	186.322	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC24	2400	186.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC25	1620	186.572	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025	
4320 minute winter	FC18	Infiltration		0.0				0.0
4320 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023	
4320 minute winter	FC19	Infiltration		0.0				0.0
4320 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008	
4320 minute winter	FC20	Infiltration		0.0				0.0
4320 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027	
4320 minute winter	FC21	Infiltration		0.0				0.0
4320 minute winter	FC22	23.000	S17	0.1	0.223	0.007	0.0027	
4320 minute winter	FC22	Infiltration		0.0				0.0
4320 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0009	
4320 minute winter	FC23	Infiltration		0.0				0.0
4320 minute winter	FC24	25.000	J21	0.1	0.507	0.007	0.0009	
4320 minute winter	FC24	Infiltration		0.0				0.0
4320 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC26	2340	186.472	0.022	0.1	0.2216	0.0000	OK
4320 minute winter	FC27	1800	186.522	0.022	0.1	0.0273	0.0000	OK
4320 minute winter	FC28	1620	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC29	1620	186.522	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC30	2100	186.772	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC31	2100	186.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC32	2520	186.472	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC25	Infiltration		0.0				0.0
4320 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009	
4320 minute winter	FC26	Infiltration		0.0				0.0
4320 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0090	
4320 minute winter	FC27	Infiltration		0.0				0.0
4320 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008	
4320 minute winter	FC28	Infiltration		0.0				0.0
4320 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009	
4320 minute winter	FC29	Infiltration		0.0				0.0
4320 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008	
4320 minute winter	FC30	Infiltration		0.0				0.0
4320 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025	
4320 minute winter	FC31	Infiltration		0.0				0.0
4320 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028	
4320 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC33	2400	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC34	2280	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC35	1620	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC36	1620	186.472	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC37	2820	185.822	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC38	1980	185.472	0.022	0.1	0.2638	0.0000	OK
4320 minute winter	FC39	2640	185.472	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC40	1620	185.522	0.022	0.1	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008	
4320 minute winter	FC33	Infiltration		0.0				0.0
4320 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016	
4320 minute winter	FC34	Infiltration		0.0				0.0
4320 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010	
4320 minute winter	FC35	Infiltration		0.0				0.0
4320 minute winter	FC36	38.000	J32	0.1	0.541	0.007	0.0009	
4320 minute winter	FC36	Infiltration		0.0				0.0
4320 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018	
4320 minute winter	FC37	Infiltration		0.0				0.0
4320 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute winter	FC38	Infiltration		0.0				0.0
4320 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute winter	FC39	Infiltration		0.0				0.0
4320 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC41	1620	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC42	1980	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC43	2820	184.622	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC44	1800	184.607	0.007	0.1	0.0088	0.0000	OK
4320 minute winter	FC45	1980	184.622	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC46	2400	184.722	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute winter	FC48	2280	184.822	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC40	Infiltration		0.0				0.0
4320 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012	
4320 minute winter	FC41	Infiltration		0.0				0.0
4320 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014	
4320 minute winter	FC42	Infiltration		0.0				0.0
4320 minute winter	FC43	45.000	J39	0.1	0.414	0.010	0.0010	
4320 minute winter	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0010	
4320 minute winter	FC44	Infiltration		0.0				0.0
4320 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0009	
4320 minute winter	FC45	Infiltration		0.0				0.0
4320 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021	
4320 minute winter	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009	
4320 minute winter	FC48	50.000	J42	0.1	0.269	0.007	0.0019	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC49	2700	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC50	1860	184.822	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC51	2100	184.872	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC52	1620	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC53	1980	185.272	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC54	2220	185.272	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC55	1860	185.272	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC48	Infiltration		0.0				0.0
4320 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015	
4320 minute winter	FC49	Infiltration		0.0				0.0
4320 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017	
4320 minute winter	FC50	Infiltration		0.0				0.0
4320 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022	
4320 minute winter	FC51	Infiltration		0.0				0.0
4320 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013	
4320 minute winter	FC52	Infiltration		0.0				0.0
4320 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011	
4320 minute winter	FC53	Infiltration		0.0				0.0
4320 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute winter	FC54	Infiltration		0.0				0.0
4320 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC56	1800	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC57	2160	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC58	2160	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC59	2280	185.372	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC60	2460	185.372	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC61	1680	185.322	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC62	1440	185.272	0.022	0.1	0.0297	0.0000	OK
4320 minute winter	FC63	2280	185.422	0.022	0.1	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute winter	FC56	Infiltration		0.0				0.0
4320 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute winter	FC57	Infiltration		0.0				0.0
4320 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute winter	FC58	Infiltration		0.0				0.0
4320 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute winter	FC59	Infiltration		0.0				0.0
4320 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015	
4320 minute winter	FC60	Infiltration		0.0				0.0
4320 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020	
4320 minute winter	FC61	Infiltration		0.0				0.0
4320 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028	
4320 minute winter	FC62	Infiltration		0.0				0.0
4320 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0010	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC64	1980	185.172	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	FC65	2640	185.172	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC66	2520	185.022	0.022	0.1	0.0284	0.0000	OK
4320 minute winter	FC67	2580	184.822	0.022	0.1	0.2262	0.0000	OK
4320 minute winter	FC68	1800	184.572	0.022	0.1	0.0275	0.0000	OK
4320 minute winter	J1	1800	188.217	0.017	0.5	0.0252	0.0000	OK
4320 minute winter	J2	1860	188.080	0.024	0.6	0.0276	0.0000	OK
4320 minute winter	J3	2040	188.074	0.024	0.7	0.0269	0.0000	OK
4320 minute winter	J4	2040	188.056	0.017	0.8	0.0187	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC63	Infiltration		0.0				0.0
4320 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0015	
4320 minute winter	FC64	Infiltration		0.0				0.0
4320 minute winter	FC65	67.000	J55	0.1	0.275	0.010	0.0013	
4320 minute winter	FC65	Infiltration		0.0				0.0
4320 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007	
4320 minute winter	FC66	Infiltration		0.0				0.0
4320 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute winter	FC67	Infiltration		0.0				0.0
4320 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006	
4320 minute winter	FC68	Infiltration		0.0				0.0
4320 minute winter	J1	1.001	J2	0.5	0.572	0.060	0.0044	
4320 minute winter	J2	1.002	J3	0.6	0.329	0.045	0.0019	
4320 minute winter	J3	1.003	J4	0.7	0.499	0.053	0.0028	
4320 minute winter	J4	1.004	J5	0.8	0.782	0.023	0.0036	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J5	1980	187.926	0.016	0.9	0.0181	0.0000	OK
4320 minute winter	J6	2160	187.671	0.021	1.0	0.0235	0.0000	OK
4320 minute winter	J7	2340	187.552	0.027	1.1	0.0306	0.0000	OK
4320 minute winter	J8	2340	187.539	0.018	1.2	0.0208	0.0000	OK
4320 minute winter	J9	2100	187.305	0.030	1.3	0.0334	0.0000	OK
4320 minute winter	J10	2280	187.287	0.017	1.4	0.0188	0.0000	OK
4320 minute winter	J11	2520	187.145	0.024	1.5	0.0268	0.0000	OK
4320 minute winter	J12	2280	186.838	0.029	2.2	0.0328	0.0000	OK
4320 minute winter	J13	2280	186.674	0.047	2.3	0.0528	0.0000	OK
4320 minute winter	J14	2280	186.668	0.045	2.4	0.0514	0.0000	OK
4320 minute winter	J15	2280	186.659	0.042	2.5	0.0474	0.0000	OK
4320 minute winter	J16	2160	186.635	0.030	2.6	0.0340	0.0000	OK
4320 minute winter	J17	2160	186.303	0.020	2.7	0.0226	0.0000	OK
4320 minute winter	J18	2280	186.148	0.023	3.1	0.0257	0.0000	OK
4320 minute winter	J19	2220	186.077	0.050	3.2	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J5	1.005	J6	0.9	0.733	0.024	0.0070	
4320 minute winter	J6	1.006	J7	1.0	0.719	0.035	0.0027	
4320 minute winter	J7	1.007	J8	1.1	0.529	0.036	0.0024	
4320 minute winter	J8	1.008	J9	1.2	0.534	0.013	0.0194	
4320 minute winter	J9	1.009	J10	1.3	0.627	0.040	0.0026	
4320 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043	
4320 minute winter	J11	1.011	S2	1.5	0.438	0.023	0.0197	
4320 minute winter	J12	1.013	J13	2.2	0.760	0.033	0.0187	
4320 minute winter	J13	1.014	J14	2.3	0.337	0.041	0.0130	
4320 minute winter	J14	1.015	J15	2.4	0.379	0.043	0.0121	
4320 minute winter	J15	1.016	J16	2.5	0.525	0.047	0.0246	
4320 minute winter	J16	1.017	J17	2.6	0.748	0.018	0.0117	
4320 minute winter	J17	1.018	S3	2.7	0.665	0.009	0.0080	
4320 minute winter	J18	1.020	J19	3.1	0.645	0.011	0.0075	
4320 minute winter	J19	1.021	S4	3.2	0.473	0.058	0.0299	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J20	2340	186.051	0.020	0.5	0.0230	0.0000	OK
4320 minute winter	J21	2220	186.031	0.022	0.6	0.0245	0.0000	OK
4320 minute winter	J22	2700	185.993	0.030	0.7	0.0340	0.0000	OK
4320 minute winter	J23	2700	185.993	0.051	0.8	0.0574	0.0000	OK
4320 minute winter	J24	2700	185.993	0.176	1.2	0.1986	0.0000	OK
4320 minute winter	J25	2700	185.993	0.197	1.3	0.2224	0.0000	OK
4320 minute winter	J26	2700	185.993	0.214	1.4	0.2416	0.0000	OK
4320 minute winter	J27	2700	185.993	0.257	1.8	0.2901	0.0000	SURCHARGED
4320 minute winter	J28	2340	186.374	0.018	0.4	0.0199	0.0000	OK
4320 minute winter	J29	2220	186.291	0.020	0.5	0.0229	0.0000	OK
4320 minute winter	J30	2040	186.176	0.029	1.0	0.0327	0.0000	OK
4320 minute winter	J31	2220	186.074	0.030	1.1	0.0338	0.0000	OK
4320 minute winter	J32	2340	186.042	0.031	1.2	0.0346	0.0000	OK
4320 minute winter	J33	2400	185.555	0.020	1.6	0.0221	0.0000	OK
4320 minute winter	J34	2220	185.161	0.036	2.0	0.0411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J20	23.002	J21	0.5	0.335	0.037	0.0056	
4320 minute winter	J21	23.003	J22	0.6	0.354	0.045	0.0144	
4320 minute winter	J22	23.004	J23	0.7	0.367	0.052	0.0139	
4320 minute winter	J23	23.005	S18	0.8	0.413	0.060	0.0630	
4320 minute winter	J24	23.007	J25	1.2	0.342	0.040	0.2166	
4320 minute winter	J25	23.008	J26	1.3	0.344	0.043	0.1882	
4320 minute winter	J26	23.009	S19	1.4	0.349	0.046	0.1459	
4320 minute winter	J27	23.011	S4	1.8	0.436	0.060	0.0951	
4320 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091	
4320 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051	
4320 minute winter	J30	32.004	J31	1.0	0.433	0.075	0.0115	
4320 minute winter	J31	32.005	J32	1.1	0.348	0.037	0.0308	
4320 minute winter	J32	32.006	S13	1.2	0.498	0.040	0.0130	
4320 minute winter	J33	32.008	S14	1.6	0.660	0.015	0.0224	
4320 minute winter	J34	32.010	J35	2.0	0.636	0.052	0.0288	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J35	2220	185.099	0.024	2.1	0.0270	0.0000	OK
4320 minute winter	J36	2040	184.914	0.039	2.2	0.0441	0.0000	OK
4320 minute winter	J37	2280	184.542	0.042	2.6	0.0472	0.0000	OK
4320 minute winter	J38	2220	184.350	0.050	3.0	0.0560	0.0000	OK
4320 minute winter	J39	2400	184.321	0.047	3.1	0.0532	0.0000	OK
4320 minute winter	J40	2280	184.303	0.038	3.2	0.0429	0.0000	OK
4320 minute winter	J41	1440	184.606	0.009	0.1	0.0104	0.0000	OK
4320 minute winter	J42	2460	184.550	0.013	0.2	0.0145	0.0000	OK
4320 minute winter	J43	2520	184.403	0.023	0.6	0.0262	0.0000	OK
4320 minute winter	J44	2400	184.393	0.023	0.7	0.0264	0.0000	OK
4320 minute winter	J45	2220	184.346	0.026	0.8	0.0296	0.0000	OK
4320 minute winter	J46	2220	184.254	0.032	1.2	0.0362	0.0000	OK
4320 minute winter	J47	2040	184.243	0.036	1.3	0.0410	0.0000	OK
4320 minute winter	J48	2400	184.231	0.037	1.7	0.0420	0.0000	OK
4320 minute winter	J49	2040	184.212	0.043	1.8	0.0486	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J35	32.011	J36	2.1	0.626	0.024	0.0234	
4320 minute winter	J36	32.012	S15	2.2	0.623	0.073	0.0085	
4320 minute winter	J37	32.014	S16	2.6	0.678	0.047	0.0206	
4320 minute winter	J38	32.016	J39	3.0	0.410	0.056	0.0791	
4320 minute winter	J39	32.017	J40	3.1	0.510	0.057	0.0223	
4320 minute winter	J40	32.018	S10	3.2	0.638	0.032	0.0480	
4320 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029	
4320 minute winter	J42	48.003	S21	0.2	0.347	0.034	0.0047	
4320 minute winter	J43	48.005	J44	0.6	0.348	0.043	0.0028	
4320 minute winter	J44	48.006	J45	0.7	0.369	0.052	0.0167	
4320 minute winter	J45	48.007	S22	0.8	0.406	0.059	0.0047	
4320 minute winter	J46	48.009	J47	1.2	0.318	0.039	0.0159	
4320 minute winter	J47	48.010	S23	1.3	0.295	0.043	0.0116	
4320 minute winter	J48	48.012	J49	1.7	0.357	0.057	0.0356	
4320 minute winter	J49	48.013	J50	1.8	0.353	0.059	0.0058	

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	2460	184.206	0.041	1.9	0.0464	0.0000	OK
4320 minute winter	J51	1980	184.193	0.045	2.0	0.0509	0.0000	OK
4320 minute winter	J52	2400	184.187	0.042	2.1	0.0480	0.0000	OK
4320 minute winter	J53	3360	184.181	0.054	2.2	0.0611	0.0000	OK
4320 minute winter	J54	2580	185.147	0.018	0.4	0.0206	0.0000	OK
4320 minute winter	J55	1980	185.112	0.018	0.5	0.0201	0.0000	OK
4320 minute winter	J56	3360	184.181	0.174	3.1	0.1968	0.0000	OK
4320 minute winter	J57	3360	184.181	0.196	3.2	0.2217	0.0000	OK
4320 minute winter	BASIN 1	2700	185.992	1.067	5.3	131.8333	0.0000	SURCHARGED
4320 minute winter	BASIN 2	2700	184.849	0.549	3.7	55.5827	0.0000	OK
4320 minute winter	BASIN 3	4200	184.247	1.147	7.3	704.3544	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	1.9	0.360	0.064	0.0268	
4320 minute winter	J51	48.015	J52	2.0	0.370	0.065	0.0061	
4320 minute winter	J52	48.016	J53	2.1	0.406	0.069	0.0282	
4320 minute winter	J53	48.017	S24	2.2	0.465	0.073	0.1123	
4320 minute winter	J54	65.002	J55	0.4	0.420	0.068	0.0035	
4320 minute winter	J55	65.003	S24	0.5	0.542	0.066	0.0072	
4320 minute winter	J56	48.019	J57	3.1	0.387	0.057	0.4140	
4320 minute winter	J57	48.020	S25	3.2	0.394	0.059	0.3111	
4320 minute winter	BASIN 1	1.023	S5	3.6	0.096	0.043	0.9418	
4320 minute winter	BASIN 1	Infiltration		0.1				15.6
4320 minute winter	BASIN 2	1.027	S7	3.6	0.562	0.043	0.1422	
4320 minute winter	BASIN 2	71.000	BH1	0.3	0.272	0.057	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	-0.5	-0.049	-0.004	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	3360	184.181	0.851	3.8	265.0078	0.0000	SURCHARGED
4320 minute winter	SWALE 1	2700	184.926	0.052	3.6	0.0748	0.0000	OK
4320 minute winter	SWALE 2	2700	184.428	0.053	3.6	0.0755	0.0000	OK
4320 minute winter	SWALE 3	4200	184.247	0.252	8.0	0.3610	0.0000	OK
4320 minute winter	BH1	2700	184.849	0.772	0.3	3.0411	0.0000	OK
4320 minute winter	BH2	4200	184.247	1.164	0.3	7.3879	0.0000	OK
4320 minute winter	BH3	3360	184.181	0.862	0.3	5.6280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.3	0.131	0.005	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	3.6	0.372	0.043	0.3606	
4320 minute winter	SWALE 2	1.029	S8	3.6	0.538	0.043	0.1750	
4320 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.622	0.055	4.0859	
4320 minute winter	BH1	Infiltration		0.1				22.4
4320 minute winter	BH2	Infiltration		0.2				27.2
4320 minute winter	BH3	Infiltration		0.2				38.3

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	189.222	0.852	13.7	1.2825	0.0000	FLOOD RISK
15 minute summer	S2	11	187.301	0.262	52.9	0.4694	0.0000	SURCHARGED
15 minute summer	S3	11	186.389	0.252	69.1	0.3401	0.0000	OK
15 minute summer	S4	78	185.892	0.514	128.4	0.6671	0.0000	SURCHARGED
15 minute summer	S5	78	185.892	0.982	6.7	1.4054	0.0000	SURCHARGED
15 minute summer	S6	81	184.858	0.050	3.4	0.0716	0.0000	OK
15 minute summer	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	11	184.354	0.024	1.3	0.0340	0.0000	OK
15 minute summer	S9	12	184.353	0.228	3.9	0.3262	0.0000	OK
15 minute summer	S10	12	184.353	0.240	116.5	0.4458	0.0000	OK
15 minute summer	S11	12	187.310	0.909	17.7	1.4688	0.0000	FLOOD RISK
15 minute summer	S12	12	186.562	0.385	24.7	0.5836	0.0000	SURCHARGED
15 minute summer	S13	10	186.102	0.109	42.4	0.1663	0.0000	OK
15 minute summer	S14	12	185.658	0.483	60.4	0.7831	0.0000	SURCHARGED
15 minute summer	S15	12	185.151	0.284	76.2	0.4591	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S1	1.000	J1	9.8	1.257	1.126	0.0642	
15 minute summer	S2	1.012	J12	52.9	1.340	1.771	0.0565	
15 minute summer	S3	1.019	J18	68.7	1.219	1.288	0.2864	
15 minute summer	S4	1.022	BASIN 1	127.7	2.380	0.763	1.1778	
15 minute summer	S5	1.024	SWALE 1	3.4	0.396	0.041	0.1875	
15 minute summer	S6	1.026	BASIN 2	3.4	0.453	0.039	0.0430	
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute summer	S8	1.030	S9	-1.3	-0.047	-0.005	0.4379	
15 minute summer	S9	1.031	S10	-3.9	-0.249	-0.047	0.4829	
15 minute summer	S10	1.032	SWALE 3	114.9	1.416	0.348	0.3662	
15 minute summer	S11	32.000	J28	13.2	1.690	2.223	0.0355	
15 minute summer	S12	32.003	J30	24.0	1.365	1.799	0.0895	
15 minute summer	S13	32.007	J33	42.5	2.191	0.434	0.3459	
15 minute summer	S14	32.009	J34	58.1	1.462	1.145	0.2084	
15 minute summer	S15	32.013	J37	75.0	2.164	0.813	0.3713	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.809	0.322	92.8	0.5034	0.0000	SURCHARGED
15 minute summer	S17	12	186.826	0.676	18.5	1.1065	0.0000	SURCHARGED
15 minute summer	S18	12	186.197	0.373	28.6	0.5640	0.0000	SURCHARGED
15 minute summer	S19	11	186.086	0.320	46.3	0.4705	0.0000	SURCHARGED
15 minute summer	S20	13	184.737	0.095	1.1	0.1070	0.0000	OK
15 minute summer	S21	13	184.722	0.313	13.6	0.4213	0.0000	SURCHARGED
15 minute summer	S22	12	184.633	0.402	21.5	0.5273	0.0000	SURCHARGED
15 minute summer	S23	12	184.596	0.398	32.6	0.5195	0.0000	SURCHARGED
15 minute summer	S24	12	184.336	0.319	57.0	0.4253	0.0000	SURCHARGED
15 minute summer	S25	12	184.231	0.261	69.7	0.3669	0.0000	OK
15 minute summer	S26	12	185.828	0.451	14.5	0.6821	0.0000	SURCHARGED
15 minute summer	FC1	17	188.989	0.739	6.4	2.3805	0.0000	FLOOD RISK
15 minute summer	FC2	17	188.868	0.718	6.4	2.1638	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S16	32.015	J38	92.3	1.310	0.290	0.1625	
15 minute summer	S17	23.001	J20	13.3	1.697	2.240	0.0560	
15 minute summer	S18	23.006	J24	27.8	0.699	0.870	0.0729	
15 minute summer	S19	23.010	J27	45.8	1.153	1.530	0.3541	
15 minute summer	S20	48.001	J41	1.7	0.523	0.282	0.0358	
15 minute summer	S21	48.004	J43	11.6	0.679	0.872	0.0898	
15 minute summer	S22	48.008	J46	20.5	0.515	0.652	0.0967	
15 minute summer	S23	48.011	J48	31.6	0.796	1.026	0.0447	
15 minute summer	S24	48.018	J56	57.0	0.809	1.065	0.2988	
15 minute summer	S25	48.021	BASIN 4	69.8	1.186	1.309	0.2243	
15 minute summer	S26	65.001	J54	11.0	1.410	1.064	0.0667	
15 minute summer	FC1	2.000	J1	2.7	0.574	0.432	0.0372	
15 minute summer	FC1	Infiltration		0.0				0.0
15 minute summer	FC2	3.000	J2	1.2	0.521	0.209	0.0355	
15 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC3	17	188.911	0.711	8.9	3.1825	0.0000	FLOOD RISK
15 minute summer	FC4	16	188.884	0.684	4.8	1.5339	0.0000	SURCHARGED
15 minute summer	FC5	17	188.709	0.709	6.4	2.1449	0.0000	FLOOD RISK
15 minute summer	FC6	16	188.543	0.693	4.8	1.5314	0.0000	SURCHARGED
15 minute summer	FC7	16	188.442	0.692	4.8	1.5334	0.0000	SURCHARGED
15 minute summer	FC8	17	188.465	0.715	6.4	2.1405	0.0000	FLOOD RISK
15 minute summer	FC9	16	188.163	0.693	4.8	1.5361	0.0000	SURCHARGED
15 minute summer	FC10	17	188.200	0.730	8.9	3.1778	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC3	4.000	J3	0.8	0.547	0.134	0.0437	
15 minute summer	FC3	Infiltration		0.0				0.0
15 minute summer	FC4	5.000	J4	0.8	0.614	0.110	0.0215	
15 minute summer	FC4	Infiltration		0.0				0.0
15 minute summer	FC5	6.000	J5	0.8	0.519	0.141	0.0098	
15 minute summer	FC5	Infiltration		0.0				0.0
15 minute summer	FC6	7.000	J6	0.8	0.685	0.096	0.0306	
15 minute summer	FC6	Infiltration		0.0				0.0
15 minute summer	FC7	8.000	J7	0.8	0.595	0.116	0.0101	
15 minute summer	FC7	Infiltration		0.0				0.0
15 minute summer	FC8	9.000	J8	0.8	0.732	0.088	0.0048	
15 minute summer	FC8	Infiltration		0.0				0.0
15 minute summer	FC9	10.000	J9	0.8	0.525	0.139	0.0114	
15 minute summer	FC9	Infiltration		0.0				0.0
15 minute summer	FC10	11.000	J10	0.8	0.570	0.128	0.0093	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC11	17	188.044	0.724	6.4	2.1420	0.0000	FLOOD RISK
15 minute summer	FC12	17	187.956	0.726	6.4	2.1476	0.0000	FLOOD RISK
15 minute summer	FC13	17	187.723	0.723	6.4	2.1423	0.0000	FLOOD RISK
15 minute summer	FC14	18	187.095	0.195	6.4	2.4849	0.0000	SURCHARGED
15 minute summer	FC15	16	187.896	0.696	4.8	1.5298	0.0000	SURCHARGED
15 minute summer	FC16	16	187.595	0.695	4.8	1.5348	0.0000	SURCHARGED
15 minute summer	FC17	16	187.696	0.696	4.8	1.5306	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC10	Infiltration		0.0				0.0
15 minute summer	FC11	12.000	J11	0.8	0.526	0.143	0.0296	
15 minute summer	FC11	Infiltration		0.0				0.0
15 minute summer	FC12	13.000	S2	1.3	0.525	0.217	0.0474	
15 minute summer	FC12	Infiltration		0.0				0.0
15 minute summer	FC13	14.000	J12	0.8	0.527	0.142	0.0260	
15 minute summer	FC13	Infiltration		0.0				0.0
15 minute summer	FC14	15.000	J13	0.4	0.434	0.071	0.0228	
15 minute summer	FC14	Infiltration		0.0				0.0
15 minute summer	FC15	16.000	J14	0.8	1.116	0.048	0.0085	
15 minute summer	FC15	Infiltration		0.0				0.0
15 minute summer	FC16	17.000	J15	0.8	0.548	0.131	0.0115	
15 minute summer	FC16	Infiltration		0.0				0.0
15 minute summer	FC17	18.000	J16	0.8	0.870	0.068	0.0046	
15 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC18	16	187.247	0.697	4.8	1.5348	0.0000	SURCHARGED
15 minute summer	FC19	17	187.123	0.723	6.4	2.1422	0.0000	FLOOD RISK
15 minute summer	FC20	17	187.663	0.713	6.4	2.1430	0.0000	FLOOD RISK
15 minute summer	FC21	17	187.015	0.715	6.4	2.1440	0.0000	FLOOD RISK
15 minute summer	FC22	17	186.663	0.213	5.1	2.0642	0.0000	SURCHARGED
15 minute summer	FC23	16	186.994	0.694	4.8	1.5399	0.0000	SURCHARGED
15 minute summer	FC24	17	187.017	0.717	6.4	2.1472	0.0000	FLOOD RISK
15 minute summer	FC25	17	187.265	0.715	6.4	2.1426	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC18	19.000	J17	0.8	0.522	0.140	0.0111	
15 minute summer	FC18	Infiltration		0.0				0.0
15 minute summer	FC19	20.000	S3	0.8	0.524	0.143	0.0187	
15 minute summer	FC19	Infiltration		0.0				0.0
15 minute summer	FC20	21.000	J18	0.8	1.058	0.053	0.0035	
15 minute summer	FC20	Infiltration		0.0				0.0
15 minute summer	FC21	22.000	J19	0.8	0.525	0.142	0.0253	
15 minute summer	FC21	Infiltration		0.0				0.0
15 minute summer	FC22	23.000	S17	-2.6	0.581	-0.168	0.0373	
15 minute summer	FC22	Infiltration		0.0				0.0
15 minute summer	FC23	24.000	J20	1.9	0.921	0.141	0.0359	
15 minute summer	FC23	Infiltration		0.0				0.0
15 minute summer	FC24	25.000	J21	1.3	0.954	0.096	0.0306	
15 minute summer	FC24	Infiltration		0.0				0.0
15 minute summer	FC25	26.000	J22	0.8	1.051	0.053	0.0144	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC26	17	186.632	0.182	4.8	1.8327	0.0000	SURCHARGED
15 minute summer	FC27	16	187.190	0.690	4.8	1.5318	0.0000	SURCHARGED
15 minute summer	FC28	17	187.211	0.711	6.4	2.1434	0.0000	FLOOD RISK
15 minute summer	FC29	17	187.204	0.704	6.4	2.1459	0.0000	FLOOD RISK
15 minute summer	FC30	17	187.463	0.713	6.4	2.1442	0.0000	FLOOD RISK
15 minute summer	FC31	17	187.159	0.709	4.8	1.7157	0.0000	FLOOD RISK
15 minute summer	FC32	16	187.150	0.700	4.8	1.5892	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC25	Infiltration		0.0				0.0
15 minute summer	FC26	27.000	J23	0.4	0.755	0.031	0.0046	
15 minute summer	FC26	Infiltration		0.0				0.0
15 minute summer	FC27	28.000	J24	0.8	1.296	0.039	0.0190	
15 minute summer	FC27	Infiltration		0.0				0.0
15 minute summer	FC28	29.000	J25	0.8	1.055	0.053	0.0035	
15 minute summer	FC28	Infiltration		0.0				0.0
15 minute summer	FC29	30.000	J26	0.8	1.025	0.055	0.0039	
15 minute summer	FC29	Infiltration		0.0				0.0
15 minute summer	FC30	31.000	J27	0.8	0.985	0.058	0.0038	
15 minute summer	FC30	Infiltration		0.0				0.0
15 minute summer	FC31	33.000	J28	2.2	0.604	0.245	0.0333	
15 minute summer	FC31	Infiltration		0.0				0.0
15 minute summer	FC32	34.000	J29	1.7	0.459	0.135	0.0325	
15 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC33	17	187.171	0.721	6.4	2.1535	0.0000	FLOOD RISK
15 minute summer	FC34	17	187.170	0.720	6.4	2.1439	0.0000	FLOOD RISK
15 minute summer	FC35	17	187.163	0.713	6.4	2.1442	0.0000	FLOOD RISK
15 minute summer	FC36	17	187.148	0.698	6.4	2.1477	0.0000	SURCHARGED
15 minute summer	FC37	17	186.543	0.743	8.9	3.1815	0.0000	FLOOD RISK
15 minute summer	FC38	18	185.606	0.156	4.8	1.8725	0.0000	SURCHARGED
15 minute summer	FC39	16	186.132	0.682	4.8	1.5320	0.0000	SURCHARGED
15 minute summer	FC40	17	186.170	0.670	6.4	2.1553	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC33	35.000	S12	1.8	0.965	0.126	0.0323	
15 minute summer	FC33	Infiltration		0.0				0.0
15 minute summer	FC34	36.000	J30	0.8	0.538	0.136	0.0075	
15 minute summer	FC34	Infiltration		0.0				0.0
15 minute summer	FC35	37.000	J31	0.8	0.975	0.059	0.0107	
15 minute summer	FC35	Infiltration		0.0				0.0
15 minute summer	FC36	38.000	J32	0.8	1.020	0.055	0.0048	
15 minute summer	FC36	Infiltration		0.0				0.0
15 minute summer	FC37	39.000	J33	0.9	0.703	0.097	0.0209	
15 minute summer	FC37	Infiltration		0.0				0.0
15 minute summer	FC38	40.000	J34	1.4	0.707	0.111	0.0363	
15 minute summer	FC38	Infiltration		0.0				0.0
15 minute summer	FC39	41.000	J35	0.8	0.976	0.057	0.0192	
15 minute summer	FC39	Infiltration		0.0				0.0
15 minute summer	FC40	42.000	J36	0.8	1.192	0.043	0.0215	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC41	17	185.555	0.705	6.4	2.1415	0.0000	FLOOD RISK
15 minute summer	FC42	17	185.307	0.707	6.4	2.1656	0.0000	FLOOD RISK
15 minute summer	FC43	17	185.243	0.643	6.4	2.1566	0.0000	SURCHARGED
15 minute summer	FC44	10	184.651	0.051	4.8	0.0642	0.0000	OK
15 minute summer	FC45	16	185.291	0.691	4.8	1.5311	0.0000	SURCHARGED
15 minute summer	FC46	17	185.430	0.730	8.9	3.1826	0.0000	FLOOD RISK
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	17	185.515	0.715	6.4	2.1434	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC40	Infiltration		0.0				0.0
15 minute summer	FC41	43.000	J37	0.8	0.783	0.080	0.0223	
15 minute summer	FC41	Infiltration		0.0				0.0
15 minute summer	FC42	44.000	J38	2.1	0.681	0.238	0.0386	
15 minute summer	FC42	Infiltration		0.0				0.0
15 minute summer	FC43	45.000	J39	0.8	0.763	0.080	0.0212	
15 minute summer	FC43	Infiltration		0.0				0.0
15 minute summer	FC44	46.000	J40	4.8	1.215	0.450	0.0244	
15 minute summer	FC44	Infiltration		0.0				0.0
15 minute summer	FC45	47.000	S10	0.8	0.910	0.064	0.0042	
15 minute summer	FC45	Infiltration		0.0				0.0
15 minute summer	FC46	48.000	S20	1.0	0.516	0.177	0.0323	
15 minute summer	FC46	Infiltration		0.0				0.0
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0207	
15 minute summer	FC48	50.000	J42	0.8	0.787	0.060	0.0217	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC49	17	185.516	0.716	6.4	2.1438	0.0000	FLOOD RISK
15 minute summer	FC50	17	185.517	0.717	6.4	2.1435	0.0000	FLOOD RISK
15 minute summer	FC51	17	185.556	0.706	6.4	2.1459	0.0000	FLOOD RISK
15 minute summer	FC52	17	185.939	0.689	6.4	2.1456	0.0000	SURCHARGED
15 minute summer	FC53	17	185.964	0.714	6.4	2.1412	0.0000	FLOOD RISK
15 minute summer	FC54	16	185.942	0.692	4.8	1.5327	0.0000	SURCHARGED
15 minute summer	FC55	16	185.938	0.688	4.8	1.5311	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC48	Infiltration		0.0				0.0
15 minute summer	FC49	51.000	S21	0.8	0.520	0.142	0.0070	
15 minute summer	FC49	Infiltration		0.0				0.0
15 minute summer	FC50	52.000	J43	0.8	0.521	0.142	0.0075	
15 minute summer	FC50	Infiltration		0.0				0.0
15 minute summer	FC51	55.000	S22	0.8	0.523	0.141	0.0098	
15 minute summer	FC51	Infiltration		0.0				0.0
15 minute summer	FC52	58.000	S23	0.8	0.759	0.082	0.0059	
15 minute summer	FC52	Infiltration		0.0				0.0
15 minute summer	FC53	61.000	J50	0.8	0.716	0.091	0.0050	
15 minute summer	FC53	Infiltration		0.0				0.0
15 minute summer	FC54	62.000	J51	0.8	0.791	0.077	0.0042	
15 minute summer	FC54	Infiltration		0.0				0.0
15 minute summer	FC55	64.000	J53	0.8	0.999	0.055	0.0034	
15 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC56	16	186.022	0.672	4.8	1.5337	0.0000	SURCHARGED
15 minute summer	FC57	16	186.024	0.673	4.8	1.5336	0.0000	SURCHARGED
15 minute summer	FC58	16	186.040	0.690	4.8	1.5311	0.0000	SURCHARGED
15 minute summer	FC59	16	186.045	0.695	4.8	1.5309	0.0000	SURCHARGED
15 minute summer	FC60	17	186.066	0.715	6.4	2.1389	0.0000	FLOOD RISK
15 minute summer	FC61	17	186.016	0.716	6.4	2.1415	0.0000	FLOOD RISK
15 minute summer	FC62	17	185.972	0.721	8.9	3.1777	0.0000	FLOOD RISK
15 minute summer	FC63	16	186.101	0.701	4.8	1.6346	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC56	53.000	J44	0.8	1.030	0.053	0.0052	
15 minute summer	FC56	Infiltration		0.0				0.0
15 minute summer	FC57	54.000	J45	0.8	0.966	0.058	0.0055	
15 minute summer	FC57	Infiltration		0.0				0.0
15 minute summer	FC58	56.000	J46	0.8	0.931	0.062	0.0055	
15 minute summer	FC58	Infiltration		0.0				0.0
15 minute summer	FC59	57.000	J47	0.8	0.864	0.069	0.0062	
15 minute summer	FC59	Infiltration		0.0				0.0
15 minute summer	FC60	59.000	J48	0.8	0.858	0.071	0.0065	
15 minute summer	FC60	Infiltration		0.0				0.0
15 minute summer	FC61	60.000	J49	0.8	0.688	0.097	0.0090	
15 minute summer	FC61	Infiltration		0.0				0.0
15 minute summer	FC62	63.000	J52	0.8	0.634	0.110	0.0125	
15 minute summer	FC62	Infiltration		0.0				0.0
15 minute summer	FC63	65.000	S26	2.1	0.608	0.357	0.0188	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC64	16	185.851	0.701	4.8	1.6313	0.0000	FLOOD RISK
15 minute summer	FC65	17	185.874	0.724	6.4	2.1855	0.0000	FLOOD RISK
15 minute summer	FC66	17	185.720	0.720	6.4	2.1456	0.0000	FLOOD RISK
15 minute summer	FC67	17	184.979	0.179	4.8	1.8391	0.0000	SURCHARGED
15 minute summer	FC68	16	185.242	0.692	4.8	1.5319	0.0000	SURCHARGED
15 minute summer	J1	12	188.947	0.747	22.6	1.1241	0.0000	FLOOD RISK
15 minute summer	J2	13	188.265	0.209	19.5	0.2368	0.0000	SURCHARGED
15 minute summer	J3	13	188.221	0.171	20.3	0.1929	0.0000	SURCHARGED
15 minute summer	J4	13	188.145	0.106	21.2	0.1203	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	FC63	Infiltration		0.0				0.0
15 minute summer	FC64	66.000	J54	2.0	0.361	0.343	0.0172	
15 minute summer	FC64	Infiltration		0.0				0.0
15 minute summer	FC65	67.000	J55	1.8	0.447	0.184	0.0172	
15 minute summer	FC65	Infiltration		0.0				0.0
15 minute summer	FC66	68.000	S24	0.8	0.584	0.117	0.0031	
15 minute summer	FC66	Infiltration		0.0				0.0
15 minute summer	FC67	69.000	J56	0.4	0.415	0.069	0.0020	
15 minute summer	FC67	Infiltration		0.0				0.0
15 minute summer	FC68	70.000	J57	0.8	0.682	0.092	0.0028	
15 minute summer	FC68	Infiltration		0.0				0.0
15 minute summer	J1	1.001	J2	19.0	2.434	2.295	0.0393	
15 minute summer	J2	1.002	J3	19.5	1.109	1.453	0.0183	
15 minute summer	J3	1.003	J4	20.3	1.215	1.531	0.0302	
15 minute summer	J4	1.004	J5	21.1	1.703	0.619	0.0438	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J5	13	188.003	0.093	22.0	0.1048	0.0000	OK
15 minute summer	J6	13	187.786	0.136	22.7	0.1539	0.0000	OK
15 minute summer	J7	14	187.660	0.135	23.5	0.1527	0.0000	OK
15 minute summer	J8	14	187.607	0.086	23.1	0.0970	0.0000	OK
15 minute summer	J9	14	187.412	0.137	25.2	0.1547	0.0000	OK
15 minute summer	J10	13	187.367	0.097	26.8	0.1093	0.0000	OK
15 minute summer	J11	11	187.319	0.198	27.3	0.2237	0.0000	OK
15 minute summer	J12	11	187.007	0.198	53.7	0.2234	0.0000	OK
15 minute summer	J13	11	186.891	0.263	53.8	0.2980	0.0000	OK
15 minute summer	J14	11	186.862	0.240	54.4	0.2714	0.0000	OK
15 minute summer	J15	11	186.824	0.207	55.0	0.2340	0.0000	OK
15 minute summer	J16	12	186.768	0.163	55.6	0.1843	0.0000	OK
15 minute summer	J17	12	186.427	0.144	56.5	0.1623	0.0000	OK
15 minute summer	J18	11	186.320	0.195	69.5	0.2206	0.0000	OK
15 minute summer	J19	12	186.289	0.262	70.0	0.2960	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J5	1.005	J6	21.9	1.521	0.573	0.0801	
15 minute summer	J6	1.006	J7	22.6	1.517	0.796	0.0289	
15 minute summer	J7	1.007	J8	22.3	1.151	0.725	0.0219	
15 minute summer	J8	1.008	J9	24.4	1.266	0.274	0.1656	
15 minute summer	J9	1.009	J10	25.9	1.289	0.778	0.0244	
15 minute summer	J10	1.010	J11	26.5	1.327	0.205	0.0612	
15 minute summer	J11	1.011	S2	27.9	0.874	0.434	0.2060	
15 minute summer	J12	1.013	J13	53.5	1.502	0.799	0.2345	
15 minute summer	J13	1.014	J14	53.6	0.850	0.947	0.1194	
15 minute summer	J14	1.015	J15	54.2	0.963	0.962	0.1075	
15 minute summer	J15	1.016	J16	54.8	1.204	1.027	0.2327	
15 minute summer	J16	1.017	J17	55.7	1.639	0.391	0.1143	
15 minute summer	J17	1.018	S3	56.6	1.198	0.182	0.0906	
15 minute summer	J18	1.020	J19	69.2	1.205	0.242	0.0846	
15 minute summer	J19	1.021	S4	70.2	1.189	1.272	0.2571	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J20	13	186.399	0.368	13.6	0.4164	0.0000	SURCHARGED
15 minute summer	J21	13	186.363	0.354	14.2	0.4006	0.0000	SURCHARGED
15 minute summer	J22	13	186.294	0.331	15.7	0.3745	0.0000	SURCHARGED
15 minute summer	J23	12	186.255	0.313	17.0	0.3537	0.0000	SURCHARGED
15 minute summer	J24	12	186.179	0.362	28.6	0.4093	0.0000	SURCHARGED
15 minute summer	J25	12	186.146	0.350	29.6	0.3954	0.0000	SURCHARGED
15 minute summer	J26	12	186.114	0.335	30.9	0.3789	0.0000	SURCHARGED
15 minute summer	J27	12	185.980	0.244	46.7	0.2757	0.0000	SURCHARGED
15 minute summer	J28	13	187.076	0.720	13.2	0.8138	0.0000	SURCHARGED
15 minute summer	J29	13	186.740	0.469	11.4	0.5305	0.0000	SURCHARGED
15 minute summer	J30	12	186.414	0.267	24.9	0.3021	0.0000	SURCHARGED
15 minute summer	J31	12	186.213	0.169	25.7	0.1915	0.0000	OK
15 minute summer	J32	12	186.156	0.145	26.6	0.1643	0.0000	OK
15 minute summer	J33	12	185.723	0.188	43.4	0.2126	0.0000	OK
15 minute summer	J34	12	185.542	0.416	58.4	0.4711	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J20	23.002	J21	13.1	0.742	0.968	0.0665	
15 minute summer	J21	23.003	J22	14.9	0.844	1.109	0.1411	
15 minute summer	J22	23.004	J23	16.6	0.945	1.230	0.0633	
15 minute summer	J23	23.005	S18	18.0	1.022	1.343	0.1321	
15 minute summer	J24	23.007	J25	28.8	0.724	0.957	0.2458	
15 minute summer	J25	23.008	J26	30.0	0.755	0.994	0.1975	
15 minute summer	J26	23.009	S19	31.8	0.799	1.038	0.1474	
15 minute summer	J27	23.011	S4	46.7	1.203	1.565	0.0884	
15 minute summer	J28	32.001	J29	10.5	1.344	1.775	0.0691	
15 minute summer	J29	32.002	S12	12.2	1.565	2.064	0.0364	
15 minute summer	J30	32.004	J31	24.9	1.414	1.876	0.0861	
15 minute summer	J31	32.005	J32	25.7	0.872	0.857	0.2882	
15 minute summer	J32	32.006	S13	26.6	1.247	0.885	0.1214	
15 minute summer	J33	32.008	S14	41.0	1.243	0.394	0.3414	
15 minute summer	J34	32.010	J35	57.2	1.451	1.484	0.3588	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J35	12	185.378	0.303	58.0	0.3423	0.0000	SURCHARGED
15 minute summer	J36	12	185.237	0.362	59.8	0.4093	0.0000	SURCHARGED
15 minute summer	J37	12	184.863	0.363	75.8	0.4103	0.0000	SURCHARGED
15 minute summer	J38	12	184.750	0.450	92.5	0.5091	0.0000	SURCHARGED
15 minute summer	J39	12	184.629	0.355	93.1	0.4012	0.0000	SURCHARGED
15 minute summer	J40	12	184.557	0.292	97.2	0.3305	0.0000	OK
15 minute summer	J41	13	184.733	0.136	1.7	0.1541	0.0000	SURCHARGED
15 minute summer	J42	13	184.731	0.194	3.6	0.2193	0.0000	SURCHARGED
15 minute summer	J43	13	184.703	0.323	12.4	0.3657	0.0000	SURCHARGED
15 minute summer	J44	13	184.691	0.321	11.6	0.3626	0.0000	SURCHARGED
15 minute summer	J45	12	184.650	0.330	12.5	0.3733	0.0000	SURCHARGED
15 minute summer	J46	12	184.623	0.400	21.3	0.4530	0.0000	SURCHARGED
15 minute summer	J47	12	184.608	0.401	21.6	0.4540	0.0000	SURCHARGED
15 minute summer	J48	12	184.576	0.382	32.4	0.4323	0.0000	SURCHARGED
15 minute summer	J49	12	184.530	0.361	32.8	0.4087	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J35	32.011	J36	59.0	1.484	0.663	0.2732	
15 minute summer	J36	32.012	S15	61.4	1.544	2.047	0.0943	
15 minute summer	J37	32.014	S16	75.3	1.415	1.363	0.3651	
15 minute summer	J38	32.016	J39	92.3	1.311	1.709	0.7617	
15 minute summer	J39	32.017	J40	93.2	1.323	1.703	0.2565	
15 minute summer	J40	32.018	S10	97.5	1.498	0.979	0.6183	
15 minute summer	J41	48.002	J42	2.8	0.450	0.471	0.0486	
15 minute summer	J42	48.003	S21	4.7	0.666	0.795	0.0640	
15 minute summer	J43	48.005	J44	10.9	0.699	0.779	0.0283	
15 minute summer	J44	48.006	J45	11.7	0.698	0.877	0.1545	
15 minute summer	J45	48.007	S22	13.4	0.760	0.986	0.0419	
15 minute summer	J46	48.009	J47	20.8	0.523	0.675	0.1676	
15 minute summer	J47	48.010	S23	22.1	0.555	0.732	0.1050	
15 minute summer	J48	48.012	J49	32.0	0.803	1.068	0.2962	
15 minute summer	J49	48.013	J50	32.5	0.817	1.060	0.0451	

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J50	12	184.509	0.344	33.3	0.3887	0.0000	SURCHARGED
15 minute summer	J51	12	184.469	0.321	34.0	0.3634	0.0000	SURCHARGED
15 minute summer	J52	12	184.446	0.302	35.2	0.3417	0.0000	SURCHARGED
15 minute summer	J53	12	184.405	0.278	36.4	0.3140	0.0000	SURCHARGED
15 minute summer	J54	14	185.501	0.372	11.0	0.4204	0.0000	SURCHARGED
15 minute summer	J55	14	185.355	0.261	10.7	0.2954	0.0000	SURCHARGED
15 minute summer	J56	12	184.308	0.301	57.3	0.3405	0.0000	SURCHARGED
15 minute summer	J57	12	184.269	0.284	58.1	0.3208	0.0000	OK
15 minute summer	BASIN 1	78	185.892	0.967	136.2	116.3272	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.756	0.456	7.2	44.9722	0.0000	OK
15 minute summer	BASIN 3	255	182.895	-0.205	138.4	108.2651	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	J50	48.014	J51	33.2	0.835	1.111	0.2018	
15 minute summer	J51	48.015	J52	34.4	0.864	1.121	0.0451	
15 minute summer	J52	48.016	J53	35.6	0.894	1.166	0.1938	
15 minute summer	J53	48.017	S24	36.7	0.924	1.218	0.4079	
15 minute summer	J54	65.002	J55	10.3	1.311	1.733	0.0285	
15 minute summer	J55	65.003	S24	10.5	1.341	1.379	0.0609	
15 minute summer	J56	48.019	J57	57.3	0.820	1.057	0.6330	
15 minute summer	J57	48.020	S25	58.2	0.882	1.066	0.4096	
15 minute summer	BASIN 1	1.023	S5	6.7	0.393	0.081	0.9418	
15 minute summer	BASIN 1	Infiltration		0.1				1.5
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 2	71.000	BH1	2.2	0.843	0.381	0.1829	
15 minute summer	BASIN 2	Infiltration		0.0				0.0
15 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	BASIN 4	127	183.657	0.327	90.9	95.1238	0.0000	SURCHARGED
15 minute summer	SWALE 1	79	184.926	0.052	3.4	0.0747	0.0000	OK
15 minute summer	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.292	0.297	114.9	0.4247	0.0000	OK
15 minute summer	BH1	255	184.756	0.679	2.2	2.7704	0.0000	OK
15 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute summer	BH3	125	183.657	0.338	17.5	3.1827	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	BASIN 4	48.022	BH3	17.5	1.319	0.322	0.3211	
15 minute summer	BASIN 4	Infiltration		0.0				0.0
15 minute summer	SWALE 1	1.025	S6	3.4	0.377	0.041	0.3385	
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0370	
15 minute summer	SWALE 3	1.033	BASIN 3	115.3	1.339	0.923	3.7106	
15 minute summer	BH1	Infiltration		0.1				1.3
15 minute summer	BH2	Infiltration		0.0				0.0
15 minute summer	BH3	Infiltration		0.2				2.7

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	189.141	0.771	12.8	1.1609	0.0000	FLOOD RISK
15 minute winter	S2	11	187.294	0.255	50.7	0.4556	0.0000	SURCHARGED
15 minute winter	S3	11	186.380	0.243	66.3	0.3283	0.0000	OK
15 minute winter	S4	78	185.894	0.515	123.3	0.6686	0.0000	SURCHARGED
15 minute winter	S5	79	185.893	0.983	6.9	1.4071	0.0000	SURCHARGED
15 minute winter	S6	81	184.858	0.050	3.4	0.0716	0.0000	OK
15 minute winter	S7	1	184.759	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	11	184.348	0.018	0.7	0.0252	0.0000	OK
15 minute winter	S9	12	184.347	0.222	3.3	0.3180	0.0000	OK
15 minute winter	S10	12	184.347	0.234	113.3	0.4353	0.0000	OK
15 minute winter	S11	12	187.244	0.844	16.6	1.3623	0.0000	FLOOD RISK
15 minute winter	S12	12	186.539	0.363	23.7	0.5500	0.0000	SURCHARGED
15 minute winter	S13	10	186.100	0.107	40.6	0.1641	0.0000	OK
15 minute winter	S14	12	185.595	0.420	58.5	0.6806	0.0000	SURCHARGED
15 minute winter	S15	12	185.108	0.241	73.3	0.3894	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S1	1.000	J1	9.4	1.199	1.074	0.0642	
15 minute winter	S2	1.012	J12	50.7	1.288	1.697	0.0561	
15 minute winter	S3	1.019	J18	66.0	1.214	1.238	0.2769	
15 minute winter	S4	1.022	BASIN 1	122.8	2.367	0.733	1.1778	
15 minute winter	S5	1.024	SWALE 1	3.4	0.385	0.041	0.1876	
15 minute winter	S6	1.026	BASIN 2	3.4	0.453	0.039	0.0430	
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000	
15 minute winter	S8	1.030	S9	-0.7	-0.023	-0.003	0.4191	
15 minute winter	S9	1.031	S10	-3.3	-0.260	-0.040	0.4691	
15 minute winter	S10	1.032	SWALE 3	111.5	1.391	0.338	0.3567	
15 minute winter	S11	32.000	J28	12.6	1.605	2.112	0.0355	
15 minute winter	S12	32.003	J30	23.2	1.317	1.736	0.0895	
15 minute winter	S13	32.007	J33	40.6	2.178	0.414	0.2766	
15 minute winter	S14	32.009	J34	57.1	1.436	1.125	0.2084	
15 minute winter	S15	32.013	J37	73.4	2.170	0.795	0.3713	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.787	0.300	89.8	0.4692	0.0000	SURCHARGED
15 minute winter	S17	12	186.766	0.616	17.4	1.0088	0.0000	SURCHARGED
15 minute winter	S18	12	186.175	0.351	27.6	0.5313	0.0000	SURCHARGED
15 minute winter	S19	11	186.070	0.304	44.5	0.4481	0.0000	SURCHARGED
15 minute winter	S20	13	184.717	0.075	0.8	0.0844	0.0000	OK
15 minute winter	S21	13	184.705	0.296	12.8	0.3988	0.0000	SURCHARGED
15 minute winter	S22	12	184.611	0.380	21.0	0.4982	0.0000	SURCHARGED
15 minute winter	S23	12	184.575	0.377	31.7	0.4919	0.0000	SURCHARGED
15 minute winter	S24	12	184.326	0.309	55.4	0.4125	0.0000	SURCHARGED
15 minute winter	S25	12	184.225	0.255	67.6	0.3588	0.0000	OK
15 minute winter	S26	12	185.780	0.403	13.6	0.6085	0.0000	SURCHARGED
15 minute winter	FC1	17	188.990	0.740	6.0	2.3891	0.0000	FLOOD RISK
15 minute winter	FC2	17	188.870	0.720	6.0	2.1885	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S16	32.015	J38	89.3	1.268	0.281	0.1625	
15 minute winter	S17	23.001	J20	12.7	1.620	2.139	0.0560	
15 minute winter	S18	23.006	J24	27.0	0.680	0.847	0.0729	
15 minute winter	S19	23.010	J27	44.2	1.111	1.474	0.3541	
15 minute winter	S20	48.001	J41	1.5	0.523	0.244	0.0326	
15 minute winter	S21	48.004	J43	11.3	0.662	0.846	0.0898	
15 minute winter	S22	48.008	J46	20.1	0.505	0.639	0.0967	
15 minute winter	S23	48.011	J48	30.8	0.774	0.998	0.0447	
15 minute winter	S24	48.018	J56	55.4	0.788	1.037	0.2980	
15 minute winter	S25	48.021	BASIN 4	67.4	1.170	1.266	0.2201	
15 minute winter	S26	65.001	J54	10.6	1.349	1.018	0.0667	
15 minute winter	FC1	2.000	J1	2.7	0.574	0.435	0.0372	
15 minute winter	FC1	Infiltration		0.0				0.0
15 minute winter	FC2	3.000	J2	1.2	0.522	0.201	0.0355	
15 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC3	17	188.910	0.710	8.3	3.1642	0.0000	FLOOD RISK
15 minute winter	FC4	16	188.883	0.683	4.5	1.5238	0.0000	SURCHARGED
15 minute winter	FC5	17	188.711	0.711	6.0	2.1712	0.0000	FLOOD RISK
15 minute winter	FC6	16	188.542	0.692	4.5	1.5204	0.0000	SURCHARGED
15 minute winter	FC7	16	188.441	0.691	4.5	1.5235	0.0000	SURCHARGED
15 minute winter	FC8	17	188.467	0.717	6.0	2.1680	0.0000	FLOOD RISK
15 minute winter	FC9	16	188.161	0.691	4.5	1.5232	0.0000	SURCHARGED
15 minute winter	FC10	17	188.199	0.729	8.3	3.1613	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC3	4.000	J3	0.8	0.547	0.134	0.0437	
15 minute winter	FC3	Infiltration		0.0				0.0
15 minute winter	FC4	5.000	J4	0.8	0.614	0.110	0.0204	
15 minute winter	FC4	Infiltration		0.0				0.0
15 minute winter	FC5	6.000	J5	0.8	0.519	0.141	0.0093	
15 minute winter	FC5	Infiltration		0.0				0.0
15 minute winter	FC6	7.000	J6	0.8	0.684	0.095	0.0297	
15 minute winter	FC6	Infiltration		0.0				0.0
15 minute winter	FC7	8.000	J7	0.8	0.595	0.116	0.0101	
15 minute winter	FC7	Infiltration		0.0				0.0
15 minute winter	FC8	9.000	J8	0.8	0.732	0.088	0.0048	
15 minute winter	FC8	Infiltration		0.0				0.0
15 minute winter	FC9	10.000	J9	0.8	0.524	0.139	0.0114	
15 minute winter	FC9	Infiltration		0.0				0.0
15 minute winter	FC10	11.000	J10	0.8	0.570	0.128	0.0093	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC11	17	188.046	0.726	6.0	2.1683	0.0000	FLOOD RISK
15 minute winter	FC12	17	187.958	0.728	6.0	2.1736	0.0000	FLOOD RISK
15 minute winter	FC13	17	187.725	0.725	6.0	2.1686	0.0000	FLOOD RISK
15 minute winter	FC14	18	187.097	0.197	6.0	2.5150	0.0000	SURCHARGED
15 minute winter	FC15	16	187.895	0.695	4.5	1.5182	0.0000	SURCHARGED
15 minute winter	FC16	16	187.594	0.694	4.5	1.5225	0.0000	SURCHARGED
15 minute winter	FC17	16	187.695	0.695	4.5	1.5202	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC10	Infiltration		0.0				0.0
15 minute winter	FC11	12.000	J11	0.8	0.526	0.143	0.0261	
15 minute winter	FC11	Infiltration		0.0				0.0
15 minute winter	FC12	13.000	S2	1.1	0.525	0.184	0.0448	
15 minute winter	FC12	Infiltration		0.0				0.0
15 minute winter	FC13	14.000	J12	0.8	0.527	0.142	0.0232	
15 minute winter	FC13	Infiltration		0.0				0.0
15 minute winter	FC14	15.000	J13	0.4	0.435	0.072	0.0202	
15 minute winter	FC14	Infiltration		0.0				0.0
15 minute winter	FC15	16.000	J14	0.8	1.116	0.048	0.0071	
15 minute winter	FC15	Infiltration		0.0				0.0
15 minute winter	FC16	17.000	J15	0.8	0.548	0.131	0.0115	
15 minute winter	FC16	Infiltration		0.0				0.0
15 minute winter	FC17	18.000	J16	0.8	0.870	0.068	0.0046	
15 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC18	16	187.246	0.696	4.5	1.5226	0.0000	SURCHARGED
15 minute winter	FC19	17	187.125	0.725	6.0	2.1684	0.0000	FLOOD RISK
15 minute winter	FC20	17	187.665	0.715	6.0	2.1667	0.0000	FLOOD RISK
15 minute winter	FC21	17	187.017	0.717	6.0	2.1705	0.0000	FLOOD RISK
15 minute winter	FC22	17	186.660	0.210	4.8	2.0351	0.0000	SURCHARGED
15 minute winter	FC23	16	186.993	0.693	4.5	1.5257	0.0000	SURCHARGED
15 minute winter	FC24	17	187.018	0.718	6.0	2.1684	0.0000	FLOOD RISK
15 minute winter	FC25	17	187.266	0.716	6.0	2.1664	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC18	19.000	J17	0.8	0.522	0.140	0.0111	
15 minute winter	FC18	Infiltration		0.0				0.0
15 minute winter	FC19	20.000	S3	0.8	0.524	0.143	0.0158	
15 minute winter	FC19	Infiltration		0.0				0.0
15 minute winter	FC20	21.000	J18	0.8	1.058	0.053	0.0035	
15 minute winter	FC20	Infiltration		0.0				0.0
15 minute winter	FC21	22.000	J19	0.8	0.525	0.142	0.0225	
15 minute winter	FC21	Infiltration		0.0				0.0
15 minute winter	FC22	23.000	S17	-2.1	0.579	-0.137	0.0373	
15 minute winter	FC22	Infiltration		0.0				0.0
15 minute winter	FC23	24.000	J20	1.7	0.921	0.130	0.0323	
15 minute winter	FC23	Infiltration		0.0				0.0
15 minute winter	FC24	25.000	J21	1.2	0.954	0.085	0.0249	
15 minute winter	FC24	Infiltration		0.0				0.0
15 minute winter	FC25	26.000	J22	0.8	1.051	0.053	0.0095	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC26	17	186.631	0.181	4.5	1.8236	0.0000	SURCHARGED
15 minute winter	FC27	16	187.189	0.689	4.5	1.5189	0.0000	SURCHARGED
15 minute winter	FC28	17	187.213	0.713	6.0	2.1671	0.0000	FLOOD RISK
15 minute winter	FC29	17	187.205	0.705	6.0	2.1693	0.0000	FLOOD RISK
15 minute winter	FC30	17	187.464	0.714	6.0	2.1678	0.0000	FLOOD RISK
15 minute winter	FC31	17	187.157	0.707	4.5	1.6948	0.0000	FLOOD RISK
15 minute winter	FC32	16	187.148	0.698	4.5	1.5744	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC25	Infiltration		0.0				0.0
15 minute winter	FC26	27.000	J23	0.4	0.754	0.031	0.0025	
15 minute winter	FC26	Infiltration		0.0				0.0
15 minute winter	FC27	28.000	J24	0.8	1.295	0.039	0.0190	
15 minute winter	FC27	Infiltration		0.0				0.0
15 minute winter	FC28	29.000	J25	0.8	1.056	0.053	0.0035	
15 minute winter	FC28	Infiltration		0.0				0.0
15 minute winter	FC29	30.000	J26	0.8	1.025	0.055	0.0039	
15 minute winter	FC29	Infiltration		0.0				0.0
15 minute winter	FC30	31.000	J27	0.8	0.985	0.058	0.0038	
15 minute winter	FC30	Infiltration		0.0				0.0
15 minute winter	FC31	33.000	J28	2.2	0.604	0.248	0.0333	
15 minute winter	FC31	Infiltration		0.0				0.0
15 minute winter	FC32	34.000	J29	1.7	0.458	0.136	0.0325	
15 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC33	17	187.172	0.722	6.0	2.1748	0.0000	FLOOD RISK
15 minute winter	FC34	17	187.172	0.722	6.0	2.1711	0.0000	FLOOD RISK
15 minute winter	FC35	17	187.164	0.714	6.0	2.1678	0.0000	FLOOD RISK
15 minute winter	FC36	17	187.149	0.699	6.0	2.1708	0.0000	SURCHARGED
15 minute winter	FC37	17	186.542	0.742	8.3	3.1579	0.0000	FLOOD RISK
15 minute winter	FC38	18	185.604	0.154	4.5	1.8481	0.0000	SURCHARGED
15 minute winter	FC39	16	186.131	0.681	4.5	1.5211	0.0000	SURCHARGED
15 minute winter	FC40	17	186.171	0.671	6.0	2.1790	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC33	35.000	S12	1.6	0.965	0.110	0.0316	
15 minute winter	FC33	Infiltration		0.0				0.0
15 minute winter	FC34	36.000	J30	0.8	0.538	0.136	0.0075	
15 minute winter	FC34	Infiltration		0.0				0.0
15 minute winter	FC35	37.000	J31	0.8	0.975	0.059	0.0098	
15 minute winter	FC35	Infiltration		0.0				0.0
15 minute winter	FC36	38.000	J32	0.8	1.020	0.055	0.0044	
15 minute winter	FC36	Infiltration		0.0				0.0
15 minute winter	FC37	39.000	J33	0.9	0.703	0.097	0.0080	
15 minute winter	FC37	Infiltration		0.0				0.0
15 minute winter	FC38	40.000	J34	0.5	0.706	0.041	0.0246	
15 minute winter	FC38	Infiltration		0.0				0.0
15 minute winter	FC39	41.000	J35	0.8	0.976	0.057	0.0192	
15 minute winter	FC39	Infiltration		0.0				0.0
15 minute winter	FC40	42.000	J36	0.8	1.193	0.043	0.0215	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC41	17	185.558	0.708	6.0	2.1743	0.0000	FLOOD RISK
15 minute winter	FC42	17	185.309	0.709	6.0	2.1881	0.0000	FLOOD RISK
15 minute winter	FC43	17	185.244	0.644	6.0	2.1965	0.0000	SURCHARGED
15 minute winter	FC44	10	184.649	0.049	4.5	0.0621	0.0000	OK
15 minute winter	FC45	16	185.290	0.690	4.5	1.5205	0.0000	SURCHARGED
15 minute winter	FC46	17	185.429	0.729	8.3	3.1600	0.0000	FLOOD RISK
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	17	185.517	0.717	6.0	2.1671	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC40	Infiltration		0.0				0.0
15 minute winter	FC41	43.000	J37	0.8	0.783	0.080	0.0223	
15 minute winter	FC41	Infiltration		0.0				0.0
15 minute winter	FC42	44.000	J38	1.9	0.681	0.220	0.0386	
15 minute winter	FC42	Infiltration		0.0				0.0
15 minute winter	FC43	45.000	J39	0.8	0.763	0.077	0.0192	
15 minute winter	FC43	Infiltration		0.0				0.0
15 minute winter	FC44	46.000	J40	4.5	1.195	0.423	0.0224	
15 minute winter	FC44	Infiltration		0.0				0.0
15 minute winter	FC45	47.000	S10	0.8	0.910	0.063	0.0042	
15 minute winter	FC45	Infiltration		0.0				0.0
15 minute winter	FC46	48.000	S20	0.8	0.519	0.143	0.0235	
15 minute winter	FC46	Infiltration		0.0				0.0
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0207	
15 minute winter	FC48	50.000	J42	0.8	0.806	0.060	0.0217	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC49	17	185.518	0.718	6.0	2.1700	0.0000	FLOOD RISK
15 minute winter	FC50	17	185.519	0.719	6.0	2.1697	0.0000	FLOOD RISK
15 minute winter	FC51	17	185.558	0.708	6.0	2.1726	0.0000	FLOOD RISK
15 minute winter	FC52	17	185.940	0.690	6.0	2.1749	0.0000	SURCHARGED
15 minute winter	FC53	17	185.966	0.716	6.0	2.1681	0.0000	FLOOD RISK
15 minute winter	FC54	16	185.940	0.690	4.5	1.5201	0.0000	SURCHARGED
15 minute winter	FC55	16	185.937	0.687	4.5	1.5201	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC48	Infiltration		0.0				0.0
15 minute winter	FC49	51.000	S21	0.8	0.520	0.142	0.0070	
15 minute winter	FC49	Infiltration		0.0				0.0
15 minute winter	FC50	52.000	J43	0.8	0.521	0.142	0.0076	
15 minute winter	FC50	Infiltration		0.0				0.0
15 minute winter	FC51	55.000	S22	0.8	0.523	0.141	0.0098	
15 minute winter	FC51	Infiltration		0.0				0.0
15 minute winter	FC52	58.000	S23	0.8	0.760	0.082	0.0059	
15 minute winter	FC52	Infiltration		0.0				0.0
15 minute winter	FC53	61.000	J50	0.8	0.716	0.091	0.0050	
15 minute winter	FC53	Infiltration		0.0				0.0
15 minute winter	FC54	62.000	J51	0.8	0.791	0.077	0.0042	
15 minute winter	FC54	Infiltration		0.0				0.0
15 minute winter	FC55	64.000	J53	0.8	0.999	0.055	0.0034	
15 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC56	16	186.021	0.671	4.5	1.5225	0.0000	SURCHARGED
15 minute winter	FC57	16	186.023	0.673	4.5	1.5228	0.0000	SURCHARGED
15 minute winter	FC58	16	186.039	0.689	4.5	1.5205	0.0000	SURCHARGED
15 minute winter	FC59	16	186.044	0.694	4.5	1.5205	0.0000	SURCHARGED
15 minute winter	FC60	17	186.068	0.718	6.0	2.1693	0.0000	FLOOD RISK
15 minute winter	FC61	17	186.018	0.718	6.0	2.1679	0.0000	FLOOD RISK
15 minute winter	FC62	17	185.971	0.721	8.3	3.1668	0.0000	FLOOD RISK
15 minute winter	FC63	16	186.099	0.699	4.5	1.6139	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC56	53.000	J44	0.8	1.030	0.053	0.0052	
15 minute winter	FC56	Infiltration		0.0				0.0
15 minute winter	FC57	54.000	J45	0.8	0.966	0.058	0.0055	
15 minute winter	FC57	Infiltration		0.0				0.0
15 minute winter	FC58	56.000	J46	0.8	0.931	0.062	0.0055	
15 minute winter	FC58	Infiltration		0.0				0.0
15 minute winter	FC59	57.000	J47	0.8	0.864	0.069	0.0062	
15 minute winter	FC59	Infiltration		0.0				0.0
15 minute winter	FC60	59.000	J48	0.8	0.859	0.071	0.0065	
15 minute winter	FC60	Infiltration		0.0				0.0
15 minute winter	FC61	60.000	J49	0.8	0.689	0.098	0.0091	
15 minute winter	FC61	Infiltration		0.0				0.0
15 minute winter	FC62	63.000	J52	0.8	0.634	0.110	0.0125	
15 minute winter	FC62	Infiltration		0.0				0.0
15 minute winter	FC63	65.000	S26	2.1	0.608	0.354	0.0188	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC64	16	185.850	0.700	4.5	1.6180	0.0000	SURCHARGED
15 minute winter	FC65	17	185.876	0.726	6.0	2.2086	0.0000	FLOOD RISK
15 minute winter	FC66	17	185.722	0.722	6.0	2.1703	0.0000	FLOOD RISK
15 minute winter	FC67	17	184.978	0.178	4.5	1.8300	0.0000	SURCHARGED
15 minute winter	FC68	16	185.241	0.691	4.5	1.5213	0.0000	SURCHARGED
15 minute winter	J1	12	188.891	0.691	21.3	1.0401	0.0000	SURCHARGED
15 minute winter	J2	13	188.255	0.199	19.0	0.2249	0.0000	SURCHARGED
15 minute winter	J3	13	188.213	0.163	19.7	0.1844	0.0000	SURCHARGED
15 minute winter	J4	13	188.143	0.103	20.4	0.1170	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	FC63	Infiltration		0.0				0.0
15 minute winter	FC64	66.000	J54	2.1	0.361	0.349	0.0172	
15 minute winter	FC64	Infiltration		0.0				0.0
15 minute winter	FC65	67.000	J55	1.8	0.452	0.187	0.0172	
15 minute winter	FC65	Infiltration		0.0				0.0
15 minute winter	FC66	68.000	S24	0.8	0.584	0.117	0.0031	
15 minute winter	FC66	Infiltration		0.0				0.0
15 minute winter	FC67	69.000	J56	0.4	0.415	0.068	0.0020	
15 minute winter	FC67	Infiltration		0.0				0.0
15 minute winter	FC68	70.000	J57	0.8	0.682	0.092	0.0028	
15 minute winter	FC68	Infiltration		0.0				0.0
15 minute winter	J1	1.001	J2	18.4	2.352	2.219	0.0393	
15 minute winter	J2	1.002	J3	18.9	1.072	1.405	0.0183	
15 minute winter	J3	1.003	J4	19.6	1.214	1.476	0.0298	
15 minute winter	J4	1.004	J5	20.4	1.697	0.598	0.0424	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J5	14	188.000	0.090	21.2	0.1020	0.0000	OK
15 minute winter	J6	14	187.783	0.133	22.1	0.1502	0.0000	OK
15 minute winter	J7	14	187.658	0.133	22.9	0.1500	0.0000	OK
15 minute winter	J8	14	187.606	0.085	21.4	0.0957	0.0000	OK
15 minute winter	J9	15	187.410	0.135	24.6	0.1522	0.0000	OK
15 minute winter	J10	13	187.364	0.094	25.8	0.1068	0.0000	OK
15 minute winter	J11	11	187.309	0.188	26.3	0.2127	0.0000	OK
15 minute winter	J12	11	186.998	0.189	51.5	0.2134	0.0000	OK
15 minute winter	J13	11	186.883	0.256	51.7	0.2900	0.0000	OK
15 minute winter	J14	11	186.856	0.234	52.3	0.2644	0.0000	OK
15 minute winter	J15	11	186.819	0.202	53.0	0.2281	0.0000	OK
15 minute winter	J16	11	186.764	0.159	53.6	0.1798	0.0000	OK
15 minute winter	J17	12	186.423	0.140	54.3	0.1579	0.0000	OK
15 minute winter	J18	11	186.314	0.189	66.8	0.2137	0.0000	OK
15 minute winter	J19	11	186.282	0.254	67.4	0.2878	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J5	1.005	J6	21.2	1.515	0.555	0.0782	
15 minute winter	J6	1.006	J7	22.1	1.511	0.776	0.0284	
15 minute winter	J7	1.007	J8	20.6	1.123	0.670	0.0214	
15 minute winter	J8	1.008	J9	23.7	1.260	0.267	0.1623	
15 minute winter	J9	1.009	J10	25.0	1.280	0.749	0.0238	
15 minute winter	J10	1.010	J11	25.5	1.324	0.198	0.0598	
15 minute winter	J11	1.011	S2	27.2	0.870	0.423	0.2019	
15 minute winter	J12	1.013	J13	51.4	1.494	0.767	0.2260	
15 minute winter	J13	1.014	J14	51.5	0.836	0.910	0.1166	
15 minute winter	J14	1.015	J15	52.2	0.952	0.926	0.1047	
15 minute winter	J15	1.016	J16	52.8	1.193	0.990	0.2262	
15 minute winter	J16	1.017	J17	53.5	1.622	0.375	0.1108	
15 minute winter	J17	1.018	S3	54.3	1.198	0.175	0.0878	
15 minute winter	J18	1.020	J19	66.6	1.193	0.232	0.0822	
15 minute winter	J19	1.021	S4	67.2	1.169	1.218	0.2510	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J20	13	186.374	0.343	13.2	0.3878	0.0000	SURCHARGED
15 minute winter	J21	13	186.339	0.330	13.8	0.3733	0.0000	SURCHARGED
15 minute winter	J22	13	186.273	0.310	15.2	0.3510	0.0000	SURCHARGED
15 minute winter	J23	12	186.235	0.293	16.4	0.3318	0.0000	SURCHARGED
15 minute winter	J24	12	186.158	0.341	27.9	0.3859	0.0000	SURCHARGED
15 minute winter	J25	12	186.127	0.331	28.9	0.3739	0.0000	SURCHARGED
15 minute winter	J26	12	186.097	0.318	30.0	0.3592	0.0000	SURCHARGED
15 minute winter	J27	12	185.973	0.237	45.0	0.2675	0.0000	SURCHARGED
15 minute winter	J28	13	187.035	0.679	12.6	0.7676	0.0000	SURCHARGED
15 minute winter	J29	13	186.716	0.445	11.2	0.5032	0.0000	SURCHARGED
15 minute winter	J30	12	186.402	0.255	24.0	0.2886	0.0000	SURCHARGED
15 minute winter	J31	12	186.210	0.166	24.9	0.1873	0.0000	OK
15 minute winter	J32	12	186.154	0.143	25.7	0.1618	0.0000	OK
15 minute winter	J33	12	185.670	0.135	41.4	0.1526	0.0000	OK
15 minute winter	J34	12	185.485	0.360	57.4	0.4071	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J20	23.002	J21	12.8	0.729	0.951	0.0665	
15 minute winter	J21	23.003	J22	14.3	0.814	1.070	0.1411	
15 minute winter	J22	23.004	J23	16.0	0.910	1.185	0.0633	
15 minute winter	J23	23.005	S18	17.3	0.980	1.289	0.1321	
15 minute winter	J24	23.007	J25	28.0	0.705	0.932	0.2458	
15 minute winter	J25	23.008	J26	29.2	0.733	0.965	0.1975	
15 minute winter	J26	23.009	S19	30.6	0.769	1.000	0.1474	
15 minute winter	J27	23.011	S4	45.0	1.176	1.506	0.0877	
15 minute winter	J28	32.001	J29	10.2	1.310	1.730	0.0691	
15 minute winter	J29	32.002	S12	11.9	1.520	2.004	0.0364	
15 minute winter	J30	32.004	J31	24.0	1.366	1.812	0.0859	
15 minute winter	J31	32.005	J32	24.9	0.859	0.828	0.2823	
15 minute winter	J32	32.006	S13	25.8	1.192	0.856	0.1194	
15 minute winter	J33	32.008	S14	40.7	1.241	0.391	0.2933	
15 minute winter	J34	32.010	J35	56.3	1.418	1.461	0.3588	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J35	12	185.327	0.252	57.1	0.2850	0.0000	SURCHARGED
15 minute winter	J36	12	185.191	0.316	57.9	0.3572	0.0000	SURCHARGED
15 minute winter	J37	11	184.836	0.336	74.2	0.3797	0.0000	SURCHARGED
15 minute winter	J38	11	184.731	0.431	90.4	0.4880	0.0000	SURCHARGED
15 minute winter	J39	11	184.615	0.341	90.8	0.3858	0.0000	SURCHARGED
15 minute winter	J40	11	184.543	0.278	95.0	0.3141	0.0000	OK
15 minute winter	J41	13	184.715	0.118	1.7	0.1340	0.0000	SURCHARGED
15 minute winter	J42	13	184.714	0.177	3.4	0.2005	0.0000	SURCHARGED
15 minute winter	J43	13	184.685	0.305	12.0	0.3451	0.0000	SURCHARGED
15 minute winter	J44	13	184.672	0.302	11.2	0.3418	0.0000	SURCHARGED
15 minute winter	J45	13	184.629	0.309	12.3	0.3491	0.0000	SURCHARGED
15 minute winter	J46	12	184.601	0.379	20.9	0.4282	0.0000	SURCHARGED
15 minute winter	J47	12	184.587	0.380	21.3	0.4298	0.0000	SURCHARGED
15 minute winter	J48	12	184.556	0.362	31.6	0.4096	0.0000	SURCHARGED
15 minute winter	J49	12	184.513	0.344	32.0	0.3885	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J35	32.011	J36	57.1	1.437	0.642	0.2732	
15 minute winter	J36	32.012	S15	59.3	1.504	1.977	0.0943	
15 minute winter	J37	32.014	S16	75.7	1.409	1.370	0.3649	
15 minute winter	J38	32.016	J39	90.0	1.279	1.667	0.7617	
15 minute winter	J39	32.017	J40	90.8	1.289	1.660	0.2531	
15 minute winter	J40	32.018	S10	94.8	1.497	0.952	0.6022	
15 minute winter	J41	48.002	J42	2.5	0.447	0.427	0.0486	
15 minute winter	J42	48.003	S21	4.4	0.660	0.750	0.0640	
15 minute winter	J43	48.005	J44	10.6	0.689	0.756	0.0283	
15 minute winter	J44	48.006	J45	11.5	0.686	0.860	0.1545	
15 minute winter	J45	48.007	S22	13.1	0.745	0.967	0.0419	
15 minute winter	J46	48.009	J47	20.5	0.515	0.665	0.1676	
15 minute winter	J47	48.010	S23	21.7	0.546	0.720	0.1050	
15 minute winter	J48	48.012	J49	31.2	0.783	1.042	0.2962	
15 minute winter	J49	48.013	J50	31.8	0.798	1.036	0.0451	

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J50	12	184.492	0.327	32.6	0.3696	0.0000	SURCHARGED
15 minute winter	J51	12	184.454	0.306	33.4	0.3463	0.0000	SURCHARGED
15 minute winter	J52	12	184.432	0.288	34.4	0.3255	0.0000	SURCHARGED
15 minute winter	J53	12	184.392	0.265	35.4	0.2995	0.0000	SURCHARGED
15 minute winter	J54	14	185.485	0.355	10.6	0.4020	0.0000	SURCHARGED
15 minute winter	J55	14	185.344	0.250	10.4	0.2823	0.0000	SURCHARGED
15 minute winter	J56	12	184.300	0.293	55.8	0.3314	0.0000	OK
15 minute winter	J57	12	184.262	0.277	56.6	0.3136	0.0000	OK
15 minute winter	BASIN 1	79	185.893	0.968	130.6	116.5093	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.757	0.457	6.9	45.0281	0.0000	OK
15 minute winter	BASIN 3	255	182.895	-0.205	133.1	108.4065	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	J50	48.014	J51	32.5	0.818	1.089	0.2018	
15 minute winter	J51	48.015	J52	33.5	0.844	1.095	0.0451	
15 minute winter	J52	48.016	J53	34.6	0.869	1.134	0.1938	
15 minute winter	J53	48.017	S24	35.6	0.895	1.180	0.4079	
15 minute winter	J54	65.002	J55	10.0	1.274	1.684	0.0285	
15 minute winter	J55	65.003	S24	10.3	1.313	1.351	0.0609	
15 minute winter	J56	48.019	J57	55.8	0.808	1.029	0.6270	
15 minute winter	J57	48.020	S25	56.7	0.870	1.038	0.4031	
15 minute winter	BASIN 1	1.023	S5	6.9	0.417	0.083	0.9418	
15 minute winter	BASIN 1	Infiltration		0.1				1.5
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 2	71.000	BH1	2.3	0.843	0.384	0.1829	
15 minute winter	BASIN 2	Infiltration		0.0				0.0
15 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
15 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	BASIN 4	127	183.657	0.327	87.2	95.2630	0.0000	SURCHARGED
15 minute winter	SWALE 1	80	184.926	0.052	3.4	0.0747	0.0000	OK
15 minute winter	SWALE 2	1	184.375	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.284	0.289	111.5	0.4140	0.0000	OK
15 minute winter	BH1	255	184.756	0.679	2.3	2.7719	0.0000	OK
15 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
15 minute winter	BH3	129	183.657	0.338	17.3	3.1849	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	BASIN 4	48.022	BH3	17.3	1.296	0.320	0.3211	
15 minute winter	BASIN 4	Infiltration		0.0				0.0
15 minute winter	SWALE 1	1.025	S6	3.4	0.377	0.041	0.3387	
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0236	
15 minute winter	SWALE 3	1.033	BASIN 3	111.9	1.328	0.895	3.6318	
15 minute winter	BH1	Infiltration		0.1				1.3
15 minute winter	BH2	Infiltration		0.0				0.0
15 minute winter	BH3	Infiltration		0.2				2.7

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	20	189.171	0.801	12.5	1.2055	0.0000	FLOOD RISK
30 minute summer	S2	18	187.294	0.255	51.0	0.4561	0.0000	SURCHARGED
30 minute summer	S3	19	186.384	0.247	66.8	0.3329	0.0000	OK
30 minute summer	S4	100	186.130	0.752	125.1	0.9756	0.0000	SURCHARGED
30 minute summer	S5	100	186.130	1.220	4.7	1.7458	0.0000	SURCHARGED
30 minute summer	S6	102	184.861	0.053	3.8	0.0755	0.0000	OK
30 minute summer	S7	270	184.776	0.017	1.2	0.0245	0.0000	OK
30 minute summer	S8	19	184.350	0.020	1.1	0.0282	0.0000	OK
30 minute summer	S9	19	184.349	0.224	2.7	0.3211	0.0000	OK
30 minute summer	S10	19	184.349	0.236	113.1	0.4390	0.0000	OK
30 minute summer	S11	20	187.286	0.886	16.2	1.4309	0.0000	FLOOD RISK
30 minute summer	S12	19	186.548	0.372	24.0	0.5632	0.0000	SURCHARGED
30 minute summer	S13	18	186.100	0.107	40.6	0.1645	0.0000	OK
30 minute summer	S14	20	185.602	0.427	58.8	0.6918	0.0000	SURCHARGED
30 minute summer	S15	19	185.117	0.250	75.3	0.4044	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S1	1.000	J1	9.4	1.204	1.079	0.0642	
30 minute summer	S2	1.012	J12	50.7	1.290	1.699	0.0561	
30 minute summer	S3	1.019	J18	66.9	1.214	1.256	0.2810	
30 minute summer	S4	1.022	BASIN 1	123.7	1.949	0.739	1.1778	
30 minute summer	S5	1.024	SWALE 1	3.8	0.402	0.045	0.2032	
30 minute summer	S6	1.026	BASIN 2	3.8	0.467	0.044	0.0467	
30 minute summer	S7	1.028	SWALE 2	1.2	0.394	0.004	0.0521	
30 minute summer	S8	1.030	S9	-1.1	0.409	-0.004	0.4264	
30 minute summer	S9	1.031	S10	3.2	0.386	0.039	0.4742	
30 minute summer	S10	1.032	SWALE 3	113.0	1.384	0.342	0.3584	
30 minute summer	S11	32.000	J28	12.6	1.608	2.116	0.0355	
30 minute summer	S12	32.003	J30	23.6	1.340	1.766	0.0895	
30 minute summer	S13	32.007	J33	40.7	2.156	0.416	0.2878	
30 minute summer	S14	32.009	J34	57.6	1.447	1.134	0.2084	
30 minute summer	S15	32.013	J37	72.8	2.194	0.789	0.3713	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	19	184.792	0.305	91.4	0.4762	0.0000	SURCHARGED
30 minute summer	S17	20	186.786	0.636	17.0	1.0416	0.0000	SURCHARGED
30 minute summer	S18	19	186.184	0.360	27.7	0.5453	0.0000	SURCHARGED
30 minute summer	S19	100	186.130	0.364	45.1	0.5362	0.0000	SURCHARGED
30 minute summer	S20	21	184.741	0.099	1.0	0.1116	0.0000	OK
30 minute summer	S21	20	184.727	0.318	12.4	0.4288	0.0000	SURCHARGED
30 minute summer	S22	20	184.632	0.401	21.3	0.5266	0.0000	SURCHARGED
30 minute summer	S23	20	184.596	0.397	32.0	0.5183	0.0000	SURCHARGED
30 minute summer	S24	19	184.333	0.316	56.6	0.4214	0.0000	SURCHARGED
30 minute summer	S25	19	184.230	0.260	69.5	0.3659	0.0000	OK
30 minute summer	S26	20	185.805	0.428	13.3	0.6466	0.0000	SURCHARGED
30 minute summer	FC1	28	189.023	0.773	5.9	2.8241	0.0000	FLOOD RISK
30 minute summer	FC2	28	188.899	0.749	5.9	2.6012	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S16	32.015	J38	90.7	1.288	0.285	0.1625	
30 minute summer	S17	23.001	J20	12.8	1.639	2.163	0.0560	
30 minute summer	S18	23.006	J24	27.5	0.692	0.862	0.0729	
30 minute summer	S19	23.010	J27	45.0	1.132	1.503	0.3541	
30 minute summer	S20	48.001	J41	1.7	0.527	0.282	0.0362	
30 minute summer	S21	48.004	J43	10.7	0.645	0.805	0.0898	
30 minute summer	S22	48.008	J46	20.3	0.512	0.647	0.0967	
30 minute summer	S23	48.011	J48	31.4	0.790	1.019	0.0447	
30 minute summer	S24	48.018	J56	56.6	0.803	1.057	0.2987	
30 minute summer	S25	48.021	BASIN 4	69.4	1.183	1.302	0.2237	
30 minute summer	S26	65.001	J54	10.7	1.369	1.033	0.0667	
30 minute summer	FC1	2.000	J1	2.4	0.577	0.390	0.0372	
30 minute summer	FC1	Infiltration		0.0				0.0
30 minute summer	FC2	3.000	J2	1.2	0.525	0.206	0.0355	
30 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC3	31	188.939	0.739	8.1	3.8862	0.0000	FLOOD RISK
30 minute summer	FC4	26	188.905	0.704	4.4	1.7691	0.0000	FLOOD RISK
30 minute summer	FC5	28	188.738	0.738	5.9	2.5810	0.0000	FLOOD RISK
30 minute summer	FC6	26	188.566	0.716	4.4	1.7653	0.0000	FLOOD RISK
30 minute summer	FC7	26	188.465	0.715	4.4	1.7669	0.0000	FLOOD RISK
30 minute summer	FC8	28	188.496	0.746	5.9	2.5752	0.0000	FLOOD RISK
30 minute summer	FC9	26	188.185	0.715	4.4	1.7690	0.0000	FLOOD RISK
30 minute summer	FC10	31	188.233	0.763	8.1	3.8761	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC3	4.000	J3	0.9	0.550	0.137	0.0438	
30 minute summer	FC3	Infiltration		0.0				0.0
30 minute summer	FC4	5.000	J4	0.8	0.617	0.112	0.0211	
30 minute summer	FC4	Infiltration		0.0				0.0
30 minute summer	FC5	6.000	J5	0.9	0.522	0.144	0.0097	
30 minute summer	FC5	Infiltration		0.0				0.0
30 minute summer	FC6	7.000	J6	0.8	0.689	0.097	0.0303	
30 minute summer	FC6	Infiltration		0.0				0.0
30 minute summer	FC7	8.000	J7	0.8	0.598	0.118	0.0102	
30 minute summer	FC7	Infiltration		0.0				0.0
30 minute summer	FC8	9.000	J8	0.9	0.736	0.090	0.0049	
30 minute summer	FC8	Infiltration		0.0				0.0
30 minute summer	FC9	10.000	J9	0.8	0.527	0.141	0.0115	
30 minute summer	FC9	Infiltration		0.0				0.0
30 minute summer	FC10	11.000	J10	0.9	0.573	0.131	0.0094	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC11	28	188.078	0.758	5.9	2.5762	0.0000	FLOOD RISK
30 minute summer	FC12	28	187.991	0.761	5.9	2.5806	0.0000	FLOOD RISK
30 minute summer	FC13	28	187.756	0.756	5.9	2.5769	0.0000	FLOOD RISK
30 minute summer	FC14	32	187.149	0.248	5.9	3.1720	0.0000	SURCHARGED
30 minute summer	FC15	26	187.920	0.720	4.4	1.7617	0.0000	FLOOD RISK
30 minute summer	FC16	26	187.619	0.719	4.4	1.7689	0.0000	FLOOD RISK
30 minute summer	FC17	26	187.720	0.720	4.4	1.7622	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC10	Infiltration		0.0				0.0
30 minute summer	FC11	12.000	J11	0.9	0.529	0.147	0.0270	
30 minute summer	FC11	Infiltration		0.0				0.0
30 minute summer	FC12	13.000	S2	1.1	0.529	0.186	0.0453	
30 minute summer	FC12	Infiltration		0.0				0.0
30 minute summer	FC13	14.000	J12	0.9	0.530	0.146	0.0237	
30 minute summer	FC13	Infiltration		0.0				0.0
30 minute summer	FC14	15.000	J13	0.5	0.451	0.082	0.0215	
30 minute summer	FC14	Infiltration		0.0				0.0
30 minute summer	FC15	16.000	J14	0.8	1.122	0.049	0.0077	
30 minute summer	FC15	Infiltration		0.0				0.0
30 minute summer	FC16	17.000	J15	0.8	0.551	0.133	0.0116	
30 minute summer	FC16	Infiltration		0.0				0.0
30 minute summer	FC17	18.000	J16	0.8	0.875	0.069	0.0047	
30 minute summer	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC18	26	187.271	0.721	4.4	1.7676	0.0000	FLOOD RISK
30 minute summer	FC19	28	187.157	0.757	5.9	2.5757	0.0000	FLOOD RISK
30 minute summer	FC20	28	187.693	0.743	5.9	2.5708	0.0000	FLOOD RISK
30 minute summer	FC21	28	187.046	0.746	5.9	2.5804	0.0000	FLOOD RISK
30 minute summer	FC22	31	186.705	0.255	4.7	2.4716	0.0000	SURCHARGED
30 minute summer	FC23	26	187.017	0.717	4.4	1.7710	0.0000	FLOOD RISK
30 minute summer	FC24	28	187.047	0.747	5.9	2.5734	0.0000	FLOOD RISK
30 minute summer	FC25	28	187.295	0.745	5.9	2.5701	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC18	19.000	J17	0.8	0.525	0.143	0.0113	
30 minute summer	FC18	Infiltration		0.0				0.0
30 minute summer	FC19	20.000	S3	0.9	0.527	0.147	0.0170	
30 minute summer	FC19	Infiltration		0.0				0.0
30 minute summer	FC20	21.000	J18	0.9	1.064	0.054	0.0035	
30 minute summer	FC20	Infiltration		0.0				0.0
30 minute summer	FC21	22.000	J19	0.9	0.528	0.145	0.0239	
30 minute summer	FC21	Infiltration		0.0				0.0
30 minute summer	FC22	23.000	S17	-2.0	0.596	-0.132	0.0373	
30 minute summer	FC22	Infiltration		0.0				0.0
30 minute summer	FC23	24.000	J20	1.8	0.926	0.134	0.0345	
30 minute summer	FC23	Infiltration		0.0				0.0
30 minute summer	FC24	25.000	J21	1.3	0.961	0.095	0.0275	
30 minute summer	FC24	Infiltration		0.0				0.0
30 minute summer	FC25	26.000	J22	0.9	1.057	0.054	0.0121	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC26	31	186.674	0.224	4.4	2.2585	0.0000	SURCHARGED
30 minute summer	FC27	26	187.212	0.712	4.4	1.7620	0.0000	FLOOD RISK
30 minute summer	FC28	28	187.241	0.741	5.9	2.5715	0.0000	FLOOD RISK
30 minute summer	FC29	28	187.231	0.731	5.9	2.5752	0.0000	FLOOD RISK
30 minute summer	FC30	28	187.493	0.743	5.9	2.5719	0.0000	FLOOD RISK
30 minute summer	FC31	27	187.185	0.735	4.4	1.9946	0.0000	FLOOD RISK
30 minute summer	FC32	26	187.174	0.724	4.4	1.8368	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC25	Infiltration		0.0				0.0
30 minute summer	FC26	27.000	J23	0.5	0.780	0.035	0.0030	
30 minute summer	FC26	Infiltration		0.0				0.0
30 minute summer	FC27	28.000	J24	0.8	1.303	0.039	0.0190	
30 minute summer	FC27	Infiltration		0.0				0.0
30 minute summer	FC28	29.000	J25	0.9	1.061	0.054	0.0035	
30 minute summer	FC28	Infiltration		0.0				0.0
30 minute summer	FC29	30.000	J26	0.9	1.031	0.056	0.0039	
30 minute summer	FC29	Infiltration		0.0				0.0
30 minute summer	FC30	31.000	J27	0.9	0.990	0.059	0.0038	
30 minute summer	FC30	Infiltration		0.0				0.0
30 minute summer	FC31	33.000	J28	1.9	0.607	0.208	0.0333	
30 minute summer	FC31	Infiltration		0.0				0.0
30 minute summer	FC32	34.000	J29	1.5	0.461	0.122	0.0325	
30 minute summer	FC32	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC33	28	187.203	0.753	5.9	2.5794	0.0000	FLOOD RISK
30 minute summer	FC34	28	187.202	0.752	5.9	2.5773	0.0000	FLOOD RISK
30 minute summer	FC35	28	187.193	0.743	5.9	2.5720	0.0000	FLOOD RISK
30 minute summer	FC36	29	187.173	0.723	5.9	2.5781	0.0000	FLOOD RISK
30 minute summer	FC37	31	186.580	0.779	8.1	3.8632	0.0000	FLOOD RISK
30 minute summer	FC38	31	185.642	0.192	4.4	2.3061	0.0000	SURCHARGED
30 minute summer	FC39	26	186.152	0.702	4.4	1.7658	0.0000	FLOOD RISK
30 minute summer	FC40	29	186.201	0.701	5.9	2.5912	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC33	35.000	S12	1.5	0.973	0.108	0.0323	
30 minute summer	FC33	Infiltration		0.0				0.0
30 minute summer	FC34	36.000	J30	0.9	0.541	0.139	0.0076	
30 minute summer	FC34	Infiltration		0.0				0.0
30 minute summer	FC35	37.000	J31	0.9	0.981	0.060	0.0101	
30 minute summer	FC35	Infiltration		0.0				0.0
30 minute summer	FC36	38.000	J32	0.8	1.025	0.056	0.0046	
30 minute summer	FC36	Infiltration		0.0				0.0
30 minute summer	FC37	39.000	J33	0.9	0.708	0.099	0.0082	
30 minute summer	FC37	Infiltration		0.0				0.0
30 minute summer	FC38	40.000	J34	0.7	0.731	0.052	0.0266	
30 minute summer	FC38	Infiltration		0.0				0.0
30 minute summer	FC39	41.000	J35	0.8	0.980	0.058	0.0192	
30 minute summer	FC39	Infiltration		0.0				0.0
30 minute summer	FC40	42.000	J36	0.8	1.201	0.044	0.0215	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC41	28	185.584	0.734	5.9	2.5768	0.0000	FLOOD RISK
30 minute summer	FC42	28	185.335	0.735	5.9	2.5981	0.0000	FLOOD RISK
30 minute summer	FC43	29	185.251	0.651	5.9	2.6114	0.0000	SURCHARGED
30 minute summer	FC44	17	184.649	0.049	4.4	0.0615	0.0000	OK
30 minute summer	FC45	26	185.313	0.713	4.4	1.7640	0.0000	FLOOD RISK
30 minute summer	FC46	31	185.462	0.762	8.1	3.8772	0.0000	FLOOD RISK
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	28	185.546	0.746	5.9	2.5707	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC40	Infiltration		0.0				0.0
30 minute summer	FC41	43.000	J37	0.9	0.787	0.081	0.0223	
30 minute summer	FC41	Infiltration		0.0				0.0
30 minute summer	FC42	44.000	J38	2.0	0.685	0.236	0.0386	
30 minute summer	FC42	Infiltration		0.0				0.0
30 minute summer	FC43	45.000	J39	0.8	0.764	0.078	0.0192	
30 minute summer	FC43	Infiltration		0.0				0.0
30 minute summer	FC44	46.000	J40	4.4	1.173	0.414	0.0224	
30 minute summer	FC44	Infiltration		0.0				0.0
30 minute summer	FC45	47.000	S10	0.8	0.914	0.065	0.0043	
30 minute summer	FC45	Infiltration		0.0				0.0
30 minute summer	FC46	48.000	S20	1.0	0.519	0.175	0.0326	
30 minute summer	FC46	Infiltration		0.0				0.0
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0207	
30 minute summer	FC48	50.000	J42	0.9	0.769	0.062	0.0217	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC49	28	185.547	0.747	5.9	2.5784	0.0000	FLOOD RISK
30 minute summer	FC50	28	185.549	0.749	5.9	2.5779	0.0000	FLOOD RISK
30 minute summer	FC51	29	185.584	0.734	5.9	2.5838	0.0000	FLOOD RISK
30 minute summer	FC52	29	185.962	0.712	5.9	2.5862	0.0000	FLOOD RISK
30 minute summer	FC53	28	185.995	0.745	5.9	2.5768	0.0000	FLOOD RISK
30 minute summer	FC54	26	185.964	0.714	4.4	1.7642	0.0000	FLOOD RISK
30 minute summer	FC55	26	185.959	0.709	4.4	1.7638	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC48	Infiltration		0.0				0.0
30 minute summer	FC49	51.000	S21	0.9	0.523	0.145	0.0072	
30 minute summer	FC49	Infiltration		0.0				0.0
30 minute summer	FC50	52.000	J43	0.9	0.524	0.145	0.0077	
30 minute summer	FC50	Infiltration		0.0				0.0
30 minute summer	FC51	55.000	S22	0.9	0.526	0.144	0.0099	
30 minute summer	FC51	Infiltration		0.0				0.0
30 minute summer	FC52	58.000	S23	0.8	0.763	0.083	0.0060	
30 minute summer	FC52	Infiltration		0.0				0.0
30 minute summer	FC53	61.000	J50	0.9	0.720	0.093	0.0051	
30 minute summer	FC53	Infiltration		0.0				0.0
30 minute summer	FC54	62.000	J51	0.8	0.795	0.078	0.0042	
30 minute summer	FC54	Infiltration		0.0				0.0
30 minute summer	FC55	64.000	J53	0.8	1.004	0.056	0.0035	
30 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC56	26	186.038	0.688	4.4	1.7692	0.0000	SURCHARGED
30 minute summer	FC57	26	186.040	0.690	4.4	1.7690	0.0000	SURCHARGED
30 minute summer	FC58	26	186.061	0.711	4.4	1.7640	0.0000	FLOOD RISK
30 minute summer	FC59	26	186.068	0.718	4.4	1.7625	0.0000	FLOOD RISK
30 minute summer	FC60	28	186.097	0.747	5.9	2.5710	0.0000	FLOOD RISK
30 minute summer	FC61	28	186.047	0.747	5.9	2.5740	0.0000	FLOOD RISK
30 minute summer	FC62	31	186.002	0.752	8.1	3.8758	0.0000	FLOOD RISK
30 minute summer	FC63	26	186.124	0.724	4.4	1.8765	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC56	53.000	J44	0.8	1.033	0.053	0.0053	
30 minute summer	FC56	Infiltration		0.0				0.0
30 minute summer	FC57	54.000	J45	0.8	0.969	0.059	0.0055	
30 minute summer	FC57	Infiltration		0.0				0.0
30 minute summer	FC58	56.000	J46	0.8	0.935	0.063	0.0056	
30 minute summer	FC58	Infiltration		0.0				0.0
30 minute summer	FC59	57.000	J47	0.8	0.868	0.070	0.0062	
30 minute summer	FC59	Infiltration		0.0				0.0
30 minute summer	FC60	59.000	J48	0.9	0.864	0.073	0.0066	
30 minute summer	FC60	Infiltration		0.0				0.0
30 minute summer	FC61	60.000	J49	0.9	0.693	0.100	0.0092	
30 minute summer	FC61	Infiltration		0.0				0.0
30 minute summer	FC62	63.000	J52	0.9	0.638	0.113	0.0127	
30 minute summer	FC62	Infiltration		0.0				0.0
30 minute summer	FC63	65.000	S26	1.9	0.610	0.322	0.0188	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC64	27	185.877	0.727	4.4	1.8977	0.0000	FLOOD RISK
30 minute summer	FC65	29	185.908	0.758	5.9	2.6317	0.0000	FLOOD RISK
30 minute summer	FC66	28	185.753	0.753	5.9	2.5741	0.0000	FLOOD RISK
30 minute summer	FC67	31	185.021	0.221	4.4	2.2715	0.0000	SURCHARGED
30 minute summer	FC68	26	185.264	0.714	4.4	1.7662	0.0000	FLOOD RISK
30 minute summer	J1	20	188.919	0.719	21.4	1.0819	0.0000	FLOOD RISK
30 minute summer	J2	21	188.261	0.204	19.3	0.2312	0.0000	SURCHARGED
30 minute summer	J3	21	188.218	0.168	19.9	0.1895	0.0000	SURCHARGED
30 minute summer	J4	21	188.144	0.105	20.8	0.1189	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	FC63	Infiltration		0.0				0.0
30 minute summer	FC64	66.000	J54	1.9	0.362	0.319	0.0172	
30 minute summer	FC64	Infiltration		0.0				0.0
30 minute summer	FC65	67.000	J55	1.5	0.478	0.159	0.0172	
30 minute summer	FC65	Infiltration		0.0				0.0
30 minute summer	FC66	68.000	S24	0.9	0.587	0.120	0.0031	
30 minute summer	FC66	Infiltration		0.0				0.0
30 minute summer	FC67	69.000	J56	0.5	0.429	0.077	0.0022	
30 minute summer	FC67	Infiltration		0.0				0.0
30 minute summer	FC68	70.000	J57	0.8	0.685	0.094	0.0028	
30 minute summer	FC68	Infiltration		0.0				0.0
30 minute summer	J1	1.001	J2	18.7	2.384	2.249	0.0393	
30 minute summer	J2	1.002	J3	19.1	1.086	1.422	0.0183	
30 minute summer	J3	1.003	J4	20.0	1.210	1.504	0.0300	
30 minute summer	J4	1.004	J5	20.8	1.700	0.610	0.0432	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J5	21	188.002	0.092	21.7	0.1037	0.0000	OK
30 minute summer	J6	21	187.785	0.135	22.5	0.1525	0.0000	OK
30 minute summer	J7	21	187.659	0.134	23.3	0.1513	0.0000	OK
30 minute summer	J8	21	187.606	0.085	21.7	0.0965	0.0000	OK
30 minute summer	J9	22	187.410	0.135	24.9	0.1532	0.0000	OK
30 minute summer	J10	21	187.363	0.093	27.1	0.1053	0.0000	OK
30 minute summer	J11	19	187.311	0.190	26.7	0.2152	0.0000	OK
30 minute summer	J12	19	186.999	0.190	51.6	0.2150	0.0000	OK
30 minute summer	J13	19	186.886	0.259	52.0	0.2927	0.0000	OK
30 minute summer	J14	19	186.858	0.236	52.9	0.2672	0.0000	OK
30 minute summer	J15	19	186.821	0.204	53.7	0.2307	0.0000	OK
30 minute summer	J16	19	186.766	0.161	54.5	0.1819	0.0000	OK
30 minute summer	J17	19	186.424	0.141	55.3	0.1596	0.0000	OK
30 minute summer	J18	19	186.317	0.192	67.7	0.2169	0.0000	OK
30 minute summer	J19	19	186.285	0.258	68.6	0.2918	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J5	1.005	J6	21.6	1.517	0.566	0.0794	
30 minute summer	J6	1.006	J7	22.4	1.514	0.789	0.0287	
30 minute summer	J7	1.007	J8	20.8	1.086	0.677	0.0217	
30 minute summer	J8	1.008	J9	24.1	1.264	0.270	0.1638	
30 minute summer	J9	1.009	J10	26.3	1.315	0.788	0.0240	
30 minute summer	J10	1.010	J11	25.8	1.334	0.200	0.0604	
30 minute summer	J11	1.011	S2	27.5	0.852	0.428	0.2029	
30 minute summer	J12	1.013	J13	51.6	1.481	0.771	0.2282	
30 minute summer	J13	1.014	J14	52.0	0.837	0.919	0.1177	
30 minute summer	J14	1.015	J15	52.9	0.955	0.939	0.1059	
30 minute summer	J15	1.016	J16	53.7	1.198	1.007	0.2293	
30 minute summer	J16	1.017	J17	54.5	1.629	0.383	0.1125	
30 minute summer	J17	1.018	S3	55.3	1.193	0.178	0.0892	
30 minute summer	J18	1.020	J19	67.8	1.196	0.237	0.0834	
30 minute summer	J19	1.021	S4	68.6	1.177	1.244	0.2540	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J20	21	186.386	0.355	13.3	0.4010	0.0000	SURCHARGED
30 minute summer	J21	21	186.350	0.341	14.0	0.3859	0.0000	SURCHARGED
30 minute summer	J22	20	186.284	0.321	15.4	0.3634	0.0000	SURCHARGED
30 minute summer	J23	20	186.245	0.303	16.5	0.3429	0.0000	SURCHARGED
30 minute summer	J24	19	186.167	0.350	28.3	0.3957	0.0000	SURCHARGED
30 minute summer	J25	19	186.135	0.339	29.2	0.3832	0.0000	SURCHARGED
30 minute summer	J26	100	186.130	0.351	30.4	0.3973	0.0000	SURCHARGED
30 minute summer	J27	100	186.130	0.394	45.9	0.4459	0.0000	SURCHARGED
30 minute summer	J28	21	187.070	0.714	12.6	0.8075	0.0000	SURCHARGED
30 minute summer	J29	21	186.737	0.466	11.3	0.5266	0.0000	SURCHARGED
30 minute summer	J30	19	186.406	0.259	24.4	0.2925	0.0000	SURCHARGED
30 minute summer	J31	19	186.211	0.167	25.1	0.1885	0.0000	OK
30 minute summer	J32	19	186.155	0.144	26.1	0.1631	0.0000	OK
30 minute summer	J33	19	185.675	0.140	41.6	0.1582	0.0000	OK
30 minute summer	J34	20	185.493	0.368	57.9	0.4165	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J20	23.002	J21	12.9	0.735	0.958	0.0665	
30 minute summer	J21	23.003	J22	14.6	0.827	1.087	0.1411	
30 minute summer	J22	23.004	J23	16.0	0.912	1.187	0.0633	
30 minute summer	J23	23.005	S18	17.3	0.981	1.290	0.1321	
30 minute summer	J24	23.007	J25	28.4	0.714	0.943	0.2458	
30 minute summer	J25	23.008	J26	29.6	0.744	0.980	0.1975	
30 minute summer	J26	23.009	S19	30.8	0.775	1.007	0.1474	
30 minute summer	J27	23.011	S4	45.8	1.189	1.535	0.0951	
30 minute summer	J28	32.001	J29	10.5	1.340	1.771	0.0691	
30 minute summer	J29	32.002	S12	12.0	1.536	2.025	0.0364	
30 minute summer	J30	32.004	J31	24.3	1.379	1.831	0.0860	
30 minute summer	J31	32.005	J32	25.2	0.865	0.840	0.2845	
30 minute summer	J32	32.006	S13	26.2	1.199	0.870	0.1198	
30 minute summer	J33	32.008	S14	40.7	1.235	0.391	0.2982	
30 minute summer	J34	32.010	J35	57.2	1.441	1.484	0.3588	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J35	20	185.334	0.259	58.0	0.2925	0.0000	SURCHARGED
30 minute summer	J36	19	185.197	0.322	58.5	0.3639	0.0000	SURCHARGED
30 minute summer	J37	19	184.842	0.342	73.7	0.3868	0.0000	SURCHARGED
30 minute summer	J38	19	184.735	0.435	90.7	0.4919	0.0000	SURCHARGED
30 minute summer	J39	19	184.618	0.344	91.3	0.3888	0.0000	SURCHARGED
30 minute summer	J40	19	184.546	0.281	95.4	0.3173	0.0000	OK
30 minute summer	J41	21	184.740	0.142	1.8	0.1612	0.0000	SURCHARGED
30 minute summer	J42	21	184.738	0.201	3.4	0.2268	0.0000	SURCHARGED
30 minute summer	J43	20	184.706	0.326	11.5	0.3690	0.0000	SURCHARGED
30 minute summer	J44	20	184.693	0.323	11.0	0.3658	0.0000	SURCHARGED
30 minute summer	J45	20	184.653	0.333	12.6	0.3761	0.0000	SURCHARGED
30 minute summer	J46	20	184.622	0.400	21.2	0.4526	0.0000	SURCHARGED
30 minute summer	J47	20	184.608	0.401	21.8	0.4536	0.0000	SURCHARGED
30 minute summer	J48	20	184.576	0.382	32.2	0.4323	0.0000	SURCHARGED
30 minute summer	J49	20	184.531	0.362	32.6	0.4099	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J35	32.011	J36	57.7	1.452	0.648	0.2732	
30 minute summer	J36	32.012	S15	58.9	1.508	1.965	0.0943	
30 minute summer	J37	32.014	S16	74.1	1.395	1.342	0.3651	
30 minute summer	J38	32.016	J39	90.5	1.286	1.675	0.7617	
30 minute summer	J39	32.017	J40	91.3	1.296	1.669	0.2539	
30 minute summer	J40	32.018	S10	95.3	1.496	0.957	0.6058	
30 minute summer	J41	48.002	J42	2.6	0.472	0.434	0.0486	
30 minute summer	J42	48.003	S21	4.4	0.643	0.738	0.0640	
30 minute summer	J43	48.005	J44	10.2	0.675	0.729	0.0283	
30 minute summer	J44	48.006	J45	11.7	0.680	0.880	0.1545	
30 minute summer	J45	48.007	S22	13.3	0.757	0.982	0.0419	
30 minute summer	J46	48.009	J47	20.9	0.526	0.679	0.1676	
30 minute summer	J47	48.010	S23	22.2	0.558	0.737	0.1050	
30 minute summer	J48	48.012	J49	31.8	0.799	1.063	0.2962	
30 minute summer	J49	48.013	J50	32.4	0.816	1.059	0.0451	

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J50	20	184.510	0.345	33.3	0.3900	0.0000	SURCHARGED
30 minute summer	J51	20	184.470	0.322	34.1	0.3643	0.0000	SURCHARGED
30 minute summer	J52	20	184.446	0.302	35.1	0.3418	0.0000	SURCHARGED
30 minute summer	J53	20	184.403	0.276	36.2	0.3124	0.0000	SURCHARGED
30 minute summer	J54	21	185.501	0.372	10.7	0.4203	0.0000	SURCHARGED
30 minute summer	J55	22	185.355	0.261	10.6	0.2955	0.0000	SURCHARGED
30 minute summer	J56	19	184.306	0.299	57.0	0.3376	0.0000	OK
30 minute summer	J57	19	184.267	0.282	57.9	0.3188	0.0000	OK
30 minute summer	BASIN 1	100	186.130	1.205	131.1	154.0321	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.830	0.530	7.6	53.3313	0.0000	OK
30 minute summer	BASIN 3	270	182.990	-0.110	135.0	145.0957	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	J50	48.014	J51	33.3	0.837	1.114	0.2018	
30 minute summer	J51	48.015	J52	34.2	0.861	1.117	0.0451	
30 minute summer	J52	48.016	J53	35.4	0.889	1.160	0.1938	
30 minute summer	J53	48.017	S24	36.5	0.917	1.209	0.4079	
30 minute summer	J54	65.002	J55	10.1	1.293	1.709	0.0285	
30 minute summer	J55	65.003	S24	10.5	1.341	1.379	0.0609	
30 minute summer	J56	48.019	J57	57.1	0.820	1.053	0.6317	
30 minute summer	J57	48.020	S25	58.1	0.879	1.064	0.4084	
30 minute summer	BASIN 1	1.023	S5	4.7	0.400	0.057	0.9418	
30 minute summer	BASIN 1	Infiltration		0.1				1.6
30 minute summer	BASIN 2	1.027	S7	1.2	0.400	0.015	0.0697	
30 minute summer	BASIN 2	71.000	BH1	3.0	0.893	0.505	0.1829	
30 minute summer	BASIN 2	Infiltration		0.0				0.0
30 minute summer	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	BASIN 4	158	183.765	0.435	93.9	128.4839	0.0000	SURCHARGED
30 minute summer	SWALE 1	101	184.929	0.055	3.8	0.0789	0.0000	OK
30 minute summer	SWALE 2	270	184.407	0.032	1.2	0.0458	0.0000	OK
30 minute summer	SWALE 3	19	184.285	0.290	113.0	0.4143	0.0000	OK
30 minute summer	BH1	270	184.830	0.753	3.0	2.9845	0.0000	OK
30 minute summer	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute summer	BH3	156	183.765	0.446	15.2	3.6880	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	BASIN 4	48.022	BH3	15.2	1.187	0.280	0.3211	
30 minute summer	BASIN 4	Infiltration		0.0				0.0
30 minute summer	SWALE 1	1.025	S6	3.8	0.390	0.046	0.3664	
30 minute summer	SWALE 2	1.029	S8	1.0	0.349	0.013	0.0794	
30 minute summer	SWALE 3	1.033	BASIN 3	112.0	1.331	0.896	3.6297	
30 minute summer	BH1	Infiltration		0.1				1.4
30 minute summer	BH2	Infiltration		0.0				0.0
30 minute summer	BH3	Infiltration		0.2				2.8

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	20	188.982	0.611	10.1	0.9203	0.0000	SURCHARGED
30 minute winter	S2	19	187.274	0.235	45.4	0.4201	0.0000	SURCHARGED
30 minute winter	S3	19	186.360	0.223	59.5	0.3007	0.0000	OK
30 minute winter	S4	99	186.130	0.752	111.2	0.9759	0.0000	SURCHARGED
30 minute winter	S5	99	186.130	1.220	4.5	1.7461	0.0000	SURCHARGED
30 minute winter	S6	102	184.861	0.053	3.8	0.0755	0.0000	OK
30 minute winter	S7	270	184.776	0.017	1.2	0.0245	0.0000	OK
30 minute winter	S8	270	184.347	0.017	1.0	0.0239	0.0000	OK
30 minute winter	S9	19	184.330	0.205	1.6	0.2930	0.0000	OK
30 minute winter	S10	19	184.330	0.217	101.1	0.4027	0.0000	OK
30 minute winter	S11	21	187.132	0.732	13.1	1.1821	0.0000	FLOOD RISK
30 minute winter	S12	20	186.497	0.321	21.6	0.4853	0.0000	SURCHARGED
30 minute winter	S13	18	186.096	0.103	36.0	0.1571	0.0000	OK
30 minute winter	S14	19	185.485	0.310	51.3	0.5028	0.0000	SURCHARGED
30 minute winter	S15	19	185.038	0.171	67.1	0.2756	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S1	1.000	J1	8.4	1.074	0.962	0.0642	
30 minute winter	S2	1.012	J12	45.4	1.190	1.521	0.0549	
30 minute winter	S3	1.019	J18	59.5	1.201	1.117	0.2532	
30 minute winter	S4	1.022	BASIN 1	110.1	2.039	0.657	1.1778	
30 minute winter	S5	1.024	SWALE 1	3.8	0.396	0.045	0.2032	
30 minute winter	S6	1.026	BASIN 2	3.8	0.467	0.044	0.0467	
30 minute winter	S7	1.028	SWALE 2	1.2	0.394	0.004	0.0520	
30 minute winter	S8	1.030	S9	1.0	0.410	0.004	0.3695	
30 minute winter	S9	1.031	S10	-1.6	0.386	-0.019	0.4259	
30 minute winter	S10	1.032	SWALE 3	100.8	1.349	0.305	0.3251	
30 minute winter	S11	32.000	J28	10.8	1.383	1.820	0.0355	
30 minute winter	S12	32.003	J30	21.5	1.220	1.608	0.0895	
30 minute winter	S13	32.007	J33	36.1	2.164	0.368	0.2192	
30 minute winter	S14	32.009	J34	51.1	1.284	1.006	0.2084	
30 minute winter	S15	32.013	J37	67.1	2.223	0.726	0.3198	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	19	184.704	0.217	81.8	0.3392	0.0000	OK
30 minute winter	S17	20	186.645	0.495	13.7	0.8105	0.0000	SURCHARGED
30 minute winter	S18	100	186.131	0.307	25.5	0.4638	0.0000	SURCHARGED
30 minute winter	S19	100	186.130	0.364	40.4	0.5365	0.0000	SURCHARGED
30 minute winter	S20	21	184.682	0.040	0.9	0.0450	0.0000	OK
30 minute winter	S21	21	184.673	0.264	10.9	0.3552	0.0000	SURCHARGED
30 minute winter	S22	20	184.577	0.346	19.7	0.4540	0.0000	SURCHARGED
30 minute winter	S23	20	184.543	0.345	29.5	0.4501	0.0000	SURCHARGED
30 minute winter	S24	20	184.312	0.295	53.0	0.3936	0.0000	OK
30 minute winter	S25	19	184.215	0.245	63.6	0.3456	0.0000	OK
30 minute winter	S26	20	185.694	0.317	10.7	0.4785	0.0000	SURCHARGED
30 minute winter	FC1	29	189.019	0.769	4.8	2.7709	0.0000	FLOOD RISK
30 minute winter	FC2	29	188.898	0.748	4.8	2.5811	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S16	32.015	J38	81.6	1.212	0.257	0.1443	
30 minute winter	S17	23.001	J20	11.5	1.469	1.940	0.0560	
30 minute winter	S18	23.006	J24	25.4	0.638	0.794	0.0729	
30 minute winter	S19	23.010	J27	40.3	1.014	1.345	0.3541	
30 minute winter	S20	48.001	J41	1.2	0.527	0.202	0.0231	
30 minute winter	S21	48.004	J43	9.4	0.623	0.707	0.0898	
30 minute winter	S22	48.008	J46	19.3	0.485	0.614	0.0967	
30 minute winter	S23	48.011	J48	29.1	0.733	0.946	0.0447	
30 minute winter	S24	48.018	J56	53.0	0.763	0.991	0.2943	
30 minute winter	S25	48.021	BASIN 4	63.5	1.142	1.192	0.2128	
30 minute winter	S26	65.001	J54	9.5	1.210	0.913	0.0667	
30 minute winter	FC1	2.000	J1	2.1	0.576	0.344	0.0372	
30 minute winter	FC1	Infiltration		0.0				0.0
30 minute winter	FC2	3.000	J2	1.1	0.525	0.180	0.0335	
30 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC3	31	188.939	0.739	6.6	3.9016	0.0000	FLOOD RISK
30 minute winter	FC4	27	188.904	0.704	3.6	1.7627	0.0000	FLOOD RISK
30 minute winter	FC5	29	188.738	0.737	4.8	2.5671	0.0000	FLOOD RISK
30 minute winter	FC6	27	188.565	0.715	3.6	1.7579	0.0000	FLOOD RISK
30 minute winter	FC7	27	188.464	0.714	3.6	1.7597	0.0000	FLOOD RISK
30 minute winter	FC8	29	188.495	0.745	4.8	2.5601	0.0000	FLOOD RISK
30 minute winter	FC9	27	188.184	0.714	3.6	1.7618	0.0000	FLOOD RISK
30 minute winter	FC10	31	188.233	0.763	6.6	3.8894	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC3	4.000	J3	0.9	0.550	0.137	0.0429	
30 minute winter	FC3	Infiltration		0.0				0.0
30 minute winter	FC4	5.000	J4	0.8	0.617	0.112	0.0191	
30 minute winter	FC4	Infiltration		0.0				0.0
30 minute winter	FC5	6.000	J5	0.9	0.522	0.144	0.0087	
30 minute winter	FC5	Infiltration		0.0				0.0
30 minute winter	FC6	7.000	J6	0.8	0.689	0.097	0.0281	
30 minute winter	FC6	Infiltration		0.0				0.0
30 minute winter	FC7	8.000	J7	0.8	0.598	0.118	0.0102	
30 minute winter	FC7	Infiltration		0.0				0.0
30 minute winter	FC8	9.000	J8	0.9	0.736	0.090	0.0049	
30 minute winter	FC8	Infiltration		0.0				0.0
30 minute winter	FC9	10.000	J9	0.8	0.527	0.141	0.0115	
30 minute winter	FC9	Infiltration		0.0				0.0
30 minute winter	FC10	11.000	J10	0.9	0.573	0.131	0.0095	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC11	29	188.077	0.757	4.8	2.5600	0.0000	FLOOD RISK
30 minute winter	FC12	29	187.989	0.759	4.8	2.5617	0.0000	FLOOD RISK
30 minute winter	FC13	29	187.755	0.755	4.8	2.5605	0.0000	FLOOD RISK
30 minute winter	FC14	32	187.148	0.248	4.8	3.1648	0.0000	SURCHARGED
30 minute winter	FC15	27	187.919	0.719	3.6	1.7523	0.0000	FLOOD RISK
30 minute winter	FC16	27	187.618	0.718	3.6	1.7608	0.0000	FLOOD RISK
30 minute winter	FC17	27	187.719	0.719	3.6	1.7549	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC10	Infiltration		0.0				0.0
30 minute winter	FC11	12.000	J11	0.9	0.529	0.146	0.0169	
30 minute winter	FC11	Infiltration		0.0				0.0
30 minute winter	FC12	13.000	S2	1.0	0.529	0.168	0.0386	
30 minute winter	FC12	Infiltration		0.0				0.0
30 minute winter	FC13	14.000	J12	0.9	0.530	0.145	0.0171	
30 minute winter	FC13	Infiltration		0.0				0.0
30 minute winter	FC14	15.000	J13	0.5	0.451	0.081	0.0145	
30 minute winter	FC14	Infiltration		0.0				0.0
30 minute winter	FC15	16.000	J14	0.8	1.121	0.049	0.0042	
30 minute winter	FC15	Infiltration		0.0				0.0
30 minute winter	FC16	17.000	J15	0.8	0.551	0.133	0.0116	
30 minute winter	FC16	Infiltration		0.0				0.0
30 minute winter	FC17	18.000	J16	0.8	0.875	0.069	0.0047	
30 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC18	27	187.270	0.720	3.6	1.7603	0.0000	FLOOD RISK
30 minute winter	FC19	29	187.156	0.756	4.8	2.5605	0.0000	FLOOD RISK
30 minute winter	FC20	29	187.692	0.742	4.8	2.5577	0.0000	FLOOD RISK
30 minute winter	FC21	29	187.045	0.745	4.8	2.5644	0.0000	FLOOD RISK
30 minute winter	FC22	31	186.696	0.246	3.6	2.3859	0.0000	SURCHARGED
30 minute winter	FC23	27	187.016	0.716	3.6	1.7549	0.0000	FLOOD RISK
30 minute winter	FC24	29	187.046	0.746	4.8	2.5563	0.0000	FLOOD RISK
30 minute winter	FC25	29	187.294	0.744	4.8	2.5571	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC18	19.000	J17	0.8	0.525	0.143	0.0112	
30 minute winter	FC18	Infiltration		0.0				0.0
30 minute winter	FC19	20.000	S3	0.9	0.527	0.146	0.0108	
30 minute winter	FC19	Infiltration		0.0				0.0
30 minute winter	FC20	21.000	J18	0.9	1.064	0.054	0.0035	
30 minute winter	FC20	Infiltration		0.0				0.0
30 minute winter	FC21	22.000	J19	0.9	0.528	0.145	0.0168	
30 minute winter	FC21	Infiltration		0.0				0.0
30 minute winter	FC22	23.000	S17	1.6	0.593	0.102	0.0373	
30 minute winter	FC22	Infiltration		0.0				0.0
30 minute winter	FC23	24.000	J20	0.9	0.926	0.068	0.0203	
30 minute winter	FC23	Infiltration		0.0				0.0
30 minute winter	FC24	25.000	J21	0.9	0.961	0.062	0.0202	
30 minute winter	FC24	Infiltration		0.0				0.0
30 minute winter	FC25	26.000	J22	0.9	1.057	0.054	0.0039	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC26	31	186.676	0.226	3.6	2.2810	0.0000	SURCHARGED
30 minute winter	FC27	27	187.211	0.711	3.6	1.7540	0.0000	FLOOD RISK
30 minute winter	FC28	29	187.240	0.740	4.8	2.5585	0.0000	FLOOD RISK
30 minute winter	FC29	29	187.230	0.730	4.8	2.5627	0.0000	FLOOD RISK
30 minute winter	FC30	29	187.492	0.742	4.8	2.5584	0.0000	FLOOD RISK
30 minute winter	FC31	28	187.182	0.732	3.6	1.9619	0.0000	FLOOD RISK
30 minute winter	FC32	27	187.172	0.722	3.6	1.8183	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC25	Infiltration		0.0				0.0
30 minute winter	FC26	27.000	J23	0.5	0.781	0.035	0.0028	
30 minute winter	FC26	Infiltration		0.0				0.0
30 minute winter	FC27	28.000	J24	0.8	1.303	0.039	0.0190	
30 minute winter	FC27	Infiltration		0.0				0.0
30 minute winter	FC28	29.000	J25	0.9	1.061	0.054	0.0035	
30 minute winter	FC28	Infiltration		0.0				0.0
30 minute winter	FC29	30.000	J26	0.9	1.030	0.056	0.0039	
30 minute winter	FC29	Infiltration		0.0				0.0
30 minute winter	FC30	31.000	J27	0.9	0.990	0.059	0.0038	
30 minute winter	FC30	Infiltration		0.0				0.0
30 minute winter	FC31	33.000	J28	1.8	0.607	0.196	0.0333	
30 minute winter	FC31	Infiltration		0.0				0.0
30 minute winter	FC32	34.000	J29	1.5	0.461	0.116	0.0325	
30 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC33	29	187.201	0.751	4.8	2.5589	0.0000	FLOOD RISK
30 minute winter	FC34	29	187.201	0.751	4.8	2.5631	0.0000	FLOOD RISK
30 minute winter	FC35	29	187.192	0.742	4.8	2.5580	0.0000	FLOOD RISK
30 minute winter	FC36	29	187.172	0.722	4.8	2.5659	0.0000	FLOOD RISK
30 minute winter	FC37	31	186.580	0.780	6.6	3.8777	0.0000	FLOOD RISK
30 minute winter	FC38	31	185.644	0.194	3.6	2.3242	0.0000	SURCHARGED
30 minute winter	FC39	27	186.151	0.701	3.6	1.7585	0.0000	FLOOD RISK
30 minute winter	FC40	29	186.200	0.700	4.8	2.5800	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC33	35.000	S12	1.2	0.972	0.085	0.0237	
30 minute winter	FC33	Infiltration		0.0				0.0
30 minute winter	FC34	36.000	J30	0.9	0.541	0.139	0.0076	
30 minute winter	FC34	Infiltration		0.0				0.0
30 minute winter	FC35	37.000	J31	0.9	0.981	0.060	0.0079	
30 minute winter	FC35	Infiltration		0.0				0.0
30 minute winter	FC36	38.000	J32	0.8	1.025	0.056	0.0042	
30 minute winter	FC36	Infiltration		0.0				0.0
30 minute winter	FC37	39.000	J33	0.9	0.708	0.099	0.0082	
30 minute winter	FC37	Infiltration		0.0				0.0
30 minute winter	FC38	40.000	J34	0.4	0.732	0.034	0.0197	
30 minute winter	FC38	Infiltration		0.0				0.0
30 minute winter	FC39	41.000	J35	0.8	0.980	0.058	0.0075	
30 minute winter	FC39	Infiltration		0.0				0.0
30 minute winter	FC40	42.000	J36	0.8	1.200	0.044	0.0215	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC41	29	185.583	0.733	4.8	2.5651	0.0000	FLOOD RISK
30 minute winter	FC42	29	185.334	0.734	4.8	2.5740	0.0000	FLOOD RISK
30 minute winter	FC43	29	185.251	0.651	4.8	2.5945	0.0000	SURCHARGED
30 minute winter	FC44	18	184.644	0.044	3.6	0.0550	0.0000	OK
30 minute winter	FC45	27	185.313	0.713	3.6	1.7566	0.0000	FLOOD RISK
30 minute winter	FC46	31	185.463	0.763	6.6	3.8900	0.0000	FLOOD RISK
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	29	185.545	0.745	4.8	2.5573	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC40	Infiltration		0.0				0.0
30 minute winter	FC41	43.000	J37	0.9	0.787	0.081	0.0168	
30 minute winter	FC41	Infiltration		0.0				0.0
30 minute winter	FC42	44.000	J38	1.3	0.685	0.150	0.0358	
30 minute winter	FC42	Infiltration		0.0				0.0
30 minute winter	FC43	45.000	J39	0.8	0.764	0.077	0.0192	
30 minute winter	FC43	Infiltration		0.0				0.0
30 minute winter	FC44	46.000	J40	3.6	1.155	0.339	0.0148	
30 minute winter	FC44	Infiltration		0.0				0.0
30 minute winter	FC45	47.000	S10	0.8	0.914	0.065	0.0043	
30 minute winter	FC45	Infiltration		0.0				0.0
30 minute winter	FC46	48.000	S20	0.9	0.524	0.146	0.0134	
30 minute winter	FC46	Infiltration		0.0				0.0
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0187	
30 minute winter	FC48	50.000	J42	0.9	0.768	0.062	0.0217	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC49	29	185.546	0.746	4.8	2.5642	0.0000	FLOOD RISK
30 minute winter	FC50	29	185.548	0.748	4.8	2.5634	0.0000	FLOOD RISK
30 minute winter	FC51	29	185.583	0.733	4.8	2.5687	0.0000	FLOOD RISK
30 minute winter	FC52	29	185.961	0.711	4.8	2.5720	0.0000	FLOOD RISK
30 minute winter	FC53	29	185.994	0.744	4.8	2.5612	0.0000	FLOOD RISK
30 minute winter	FC54	27	185.963	0.713	3.6	1.7575	0.0000	FLOOD RISK
30 minute winter	FC55	27	185.959	0.709	3.6	1.7561	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC48	Infiltration		0.0				0.0
30 minute winter	FC49	51.000	S21	0.9	0.523	0.145	0.0071	
30 minute winter	FC49	Infiltration		0.0				0.0
30 minute winter	FC50	52.000	J43	0.9	0.524	0.145	0.0077	
30 minute winter	FC50	Infiltration		0.0				0.0
30 minute winter	FC51	55.000	S22	0.8	0.525	0.144	0.0099	
30 minute winter	FC51	Infiltration		0.0				0.0
30 minute winter	FC52	58.000	S23	0.8	0.763	0.083	0.0060	
30 minute winter	FC52	Infiltration		0.0				0.0
30 minute winter	FC53	61.000	J50	0.9	0.720	0.092	0.0051	
30 minute winter	FC53	Infiltration		0.0				0.0
30 minute winter	FC54	62.000	J51	0.8	0.795	0.078	0.0042	
30 minute winter	FC54	Infiltration		0.0				0.0
30 minute winter	FC55	64.000	J53	0.8	1.003	0.056	0.0035	
30 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC56	27	186.037	0.687	3.6	1.7618	0.0000	SURCHARGED
30 minute winter	FC57	27	186.040	0.690	3.6	1.7619	0.0000	SURCHARGED
30 minute winter	FC58	27	186.061	0.711	3.6	1.7566	0.0000	FLOOD RISK
30 minute winter	FC59	27	186.067	0.717	3.6	1.7553	0.0000	FLOOD RISK
30 minute winter	FC60	29	186.096	0.746	4.8	2.5578	0.0000	FLOOD RISK
30 minute winter	FC61	29	186.046	0.746	4.8	2.5610	0.0000	FLOOD RISK
30 minute winter	FC62	31	186.003	0.753	6.6	3.8915	0.0000	FLOOD RISK
30 minute winter	FC63	27	186.121	0.721	3.6	1.8441	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC56	53.000	J44	0.8	1.033	0.053	0.0053	
30 minute winter	FC56	Infiltration		0.0				0.0
30 minute winter	FC57	54.000	J45	0.8	0.969	0.059	0.0055	
30 minute winter	FC57	Infiltration		0.0				0.0
30 minute winter	FC58	56.000	J46	0.8	0.935	0.063	0.0056	
30 minute winter	FC58	Infiltration		0.0				0.0
30 minute winter	FC59	57.000	J47	0.8	0.868	0.070	0.0062	
30 minute winter	FC59	Infiltration		0.0				0.0
30 minute winter	FC60	59.000	J48	0.9	0.864	0.073	0.0066	
30 minute winter	FC60	Infiltration		0.0				0.0
30 minute winter	FC61	60.000	J49	0.9	0.692	0.100	0.0092	
30 minute winter	FC61	Infiltration		0.0				0.0
30 minute winter	FC62	63.000	J52	0.9	0.638	0.113	0.0127	
30 minute winter	FC62	Infiltration		0.0				0.0
30 minute winter	FC63	65.000	S26	1.7	0.609	0.291	0.0188	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC64	27	185.876	0.726	3.6	1.8865	0.0000	FLOOD RISK
30 minute winter	FC65	29	185.906	0.756	4.8	2.6128	0.0000	FLOOD RISK
30 minute winter	FC66	29	185.752	0.752	4.8	2.5610	0.0000	FLOOD RISK
30 minute winter	FC67	31	185.023	0.223	3.6	2.2942	0.0000	SURCHARGED
30 minute winter	FC68	27	185.264	0.714	3.6	1.7596	0.0000	FLOOD RISK
30 minute winter	J1	20	188.781	0.581	18.1	0.8739	0.0000	SURCHARGED
30 minute winter	J2	21	188.232	0.176	17.7	0.1992	0.0000	SURCHARGED
30 minute winter	J3	21	188.194	0.144	18.6	0.1633	0.0000	OK
30 minute winter	J4	21	188.139	0.100	19.4	0.1126	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	FC63	Infiltration		0.0				0.0
30 minute winter	FC64	66.000	J54	1.7	0.362	0.286	0.0172	
30 minute winter	FC64	Infiltration		0.0				0.0
30 minute winter	FC65	67.000	J55	1.5	0.476	0.155	0.0172	
30 minute winter	FC65	Infiltration		0.0				0.0
30 minute winter	FC66	68.000	S24	0.9	0.587	0.120	0.0031	
30 minute winter	FC66	Infiltration		0.0				0.0
30 minute winter	FC67	69.000	J56	0.5	0.430	0.077	0.0022	
30 minute winter	FC67	Infiltration		0.0				0.0
30 minute winter	FC68	70.000	J57	0.8	0.685	0.094	0.0028	
30 minute winter	FC68	Infiltration		0.0				0.0
30 minute winter	J1	1.001	J2	17.0	2.171	2.048	0.0393	
30 minute winter	J2	1.002	J3	17.7	1.007	1.319	0.0182	
30 minute winter	J3	1.003	J4	18.6	1.211	1.398	0.0291	
30 minute winter	J4	1.004	J5	19.4	1.687	0.569	0.0406	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J5	21	187.997	0.087	20.2	0.0982	0.0000	OK
30 minute winter	J6	21	187.777	0.127	21.1	0.1439	0.0000	OK
30 minute winter	J7	21	187.654	0.129	21.9	0.1459	0.0000	OK
30 minute winter	J8	21	187.603	0.082	20.9	0.0929	0.0000	OK
30 minute winter	J9	22	187.407	0.132	23.5	0.1493	0.0000	OK
30 minute winter	J10	20	187.360	0.090	25.5	0.1018	0.0000	OK
30 minute winter	J11	19	187.285	0.164	25.3	0.1853	0.0000	OK
30 minute winter	J12	19	186.980	0.170	46.2	0.1928	0.0000	OK
30 minute winter	J13	19	186.867	0.240	46.6	0.2716	0.0000	OK
30 minute winter	J14	19	186.842	0.220	47.4	0.2483	0.0000	OK
30 minute winter	J15	19	186.807	0.190	48.2	0.2146	0.0000	OK
30 minute winter	J16	19	186.756	0.151	49.0	0.1703	0.0000	OK
30 minute winter	J17	20	186.416	0.133	49.7	0.1499	0.0000	OK
30 minute winter	J18	19	186.300	0.175	60.3	0.1977	0.0000	OK
30 minute winter	J19	19	186.266	0.239	61.1	0.2706	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J5	1.005	J6	20.2	1.505	0.529	0.0752	
30 minute winter	J6	1.006	J7	21.0	1.498	0.740	0.0274	
30 minute winter	J7	1.007	J8	20.1	1.166	0.653	0.0207	
30 minute winter	J8	1.008	J9	22.7	1.225	0.255	0.1578	
30 minute winter	J9	1.009	J10	24.6	1.271	0.738	0.0233	
30 minute winter	J10	1.010	J11	24.4	1.337	0.189	0.0556	
30 minute winter	J11	1.011	S2	25.6	0.825	0.398	0.1899	
30 minute winter	J12	1.013	J13	46.2	1.477	0.690	0.2055	
30 minute winter	J13	1.014	J14	46.6	0.804	0.822	0.1097	
30 minute winter	J14	1.015	J15	47.4	0.925	0.841	0.0979	
30 minute winter	J15	1.016	J16	48.2	1.168	0.903	0.2111	
30 minute winter	J16	1.017	J17	48.9	1.587	0.344	0.1037	
30 minute winter	J17	1.018	S3	49.7	1.182	0.160	0.0811	
30 minute winter	J18	1.020	J19	60.3	1.163	0.211	0.0766	
30 minute winter	J19	1.021	S4	61.1	1.125	1.107	0.2374	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J20	21	186.319	0.288	12.3	0.3252	0.0000	SURCHARGED
30 minute winter	J21	21	186.288	0.279	12.9	0.3152	0.0000	SURCHARGED
30 minute winter	J22	20	186.228	0.265	14.0	0.2993	0.0000	SURCHARGED
30 minute winter	J23	20	186.191	0.249	15.0	0.2819	0.0000	SURCHARGED
30 minute winter	J24	100	186.131	0.314	26.2	0.3546	0.0000	SURCHARGED
30 minute winter	J25	100	186.131	0.334	27.2	0.3783	0.0000	SURCHARGED
30 minute winter	J26	100	186.131	0.351	28.1	0.3975	0.0000	SURCHARGED
30 minute winter	J27	99	186.130	0.394	41.1	0.4461	0.0000	SURCHARGED
30 minute winter	J28	22	186.964	0.608	10.8	0.6875	0.0000	SURCHARGED
30 minute winter	J29	22	186.675	0.404	10.7	0.4565	0.0000	SURCHARGED
30 minute winter	J30	20	186.379	0.232	22.3	0.2621	0.0000	SURCHARGED
30 minute winter	J31	20	186.202	0.158	23.2	0.1787	0.0000	OK
30 minute winter	J32	20	186.149	0.138	24.0	0.1562	0.0000	OK
30 minute winter	J33	19	185.631	0.096	36.9	0.1087	0.0000	OK
30 minute winter	J34	19	185.391	0.265	51.4	0.3003	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J20	23.002	J21	12.1	0.686	0.895	0.0665	
30 minute winter	J21	23.003	J22	13.2	0.748	0.982	0.1411	
30 minute winter	J22	23.004	J23	14.5	0.825	1.073	0.0633	
30 minute winter	J23	23.005	S18	15.5	0.882	1.159	0.1321	
30 minute winter	J24	23.007	J25	26.3	0.662	0.875	0.2458	
30 minute winter	J25	23.008	J26	27.3	0.685	0.902	0.1975	
30 minute winter	J26	23.009	S19	28.3	0.712	0.925	0.1474	
30 minute winter	J27	23.011	S4	41.1	1.122	1.376	0.0951	
30 minute winter	J28	32.001	J29	9.8	1.249	1.650	0.0691	
30 minute winter	J29	32.002	S12	11.1	1.419	1.871	0.0364	
30 minute winter	J30	32.004	J31	22.3	1.270	1.684	0.0852	
30 minute winter	J31	32.005	J32	23.2	0.838	0.771	0.2696	
30 minute winter	J32	32.006	S13	24.0	1.164	0.798	0.1139	
30 minute winter	J33	32.008	S14	36.9	1.222	0.355	0.2539	
30 minute winter	J34	32.010	J35	51.4	1.366	1.333	0.3168	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J35	19	185.236	0.161	52.2	0.1824	0.0000	OK
30 minute winter	J36	19	185.130	0.255	53.0	0.2880	0.0000	SURCHARGED
30 minute winter	J37	19	184.768	0.268	67.9	0.3028	0.0000	OK
30 minute winter	J38	19	184.679	0.379	82.3	0.4284	0.0000	SURCHARGED
30 minute winter	J39	19	184.584	0.310	83.0	0.3504	0.0000	SURCHARGED
30 minute winter	J40	19	184.513	0.247	86.4	0.2799	0.0000	OK
30 minute winter	J41	21	184.682	0.085	1.2	0.0958	0.0000	OK
30 minute winter	J42	21	184.681	0.144	2.6	0.1627	0.0000	SURCHARGED
30 minute winter	J43	21	184.653	0.273	10.2	0.3082	0.0000	SURCHARGED
30 minute winter	J44	21	184.640	0.270	10.7	0.3049	0.0000	SURCHARGED
30 minute winter	J45	20	184.597	0.277	12.0	0.3132	0.0000	SURCHARGED
30 minute winter	J46	20	184.568	0.346	20.1	0.3908	0.0000	SURCHARGED
30 minute winter	J47	20	184.555	0.348	20.8	0.3930	0.0000	SURCHARGED
30 minute winter	J48	20	184.526	0.332	30.0	0.3754	0.0000	SURCHARGED
30 minute winter	J49	21	184.486	0.317	30.6	0.3587	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J35	32.011	J36	52.2	1.398	0.586	0.2412	
30 minute winter	J36	32.012	S15	52.9	1.425	1.765	0.0854	
30 minute winter	J37	32.014	S16	67.7	1.382	1.227	0.3135	
30 minute winter	J38	32.016	J39	82.2	1.167	1.521	0.7617	
30 minute winter	J39	32.017	J40	82.9	1.215	1.516	0.2423	
30 minute winter	J40	32.018	S10	86.2	1.491	0.865	0.5520	
30 minute winter	J41	48.002	J42	1.7	0.474	0.290	0.0463	
30 minute winter	J42	48.003	S21	3.6	0.639	0.611	0.0640	
30 minute winter	J43	48.005	J44	9.8	0.654	0.704	0.0283	
30 minute winter	J44	48.006	J45	11.1	0.673	0.834	0.1545	
30 minute winter	J45	48.007	S22	12.5	0.728	0.923	0.0419	
30 minute winter	J46	48.009	J47	20.0	0.503	0.649	0.1676	
30 minute winter	J47	48.010	S23	21.0	0.528	0.696	0.1050	
30 minute winter	J48	48.012	J49	29.8	0.749	0.996	0.2962	
30 minute winter	J49	48.013	J50	30.5	0.767	0.995	0.0451	

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J50	21	184.467	0.302	31.3	0.3418	0.0000	SURCHARGED
30 minute winter	J51	21	184.432	0.284	32.1	0.3214	0.0000	SURCHARGED
30 minute winter	J52	20	184.411	0.267	33.1	0.3019	0.0000	SURCHARGED
30 minute winter	J53	20	184.373	0.246	34.0	0.2786	0.0000	SURCHARGED
30 minute winter	J54	22	185.452	0.323	9.7	0.3650	0.0000	SURCHARGED
30 minute winter	J55	22	185.324	0.230	10.0	0.2597	0.0000	SURCHARGED
30 minute winter	J56	20	184.288	0.281	53.4	0.3174	0.0000	OK
30 minute winter	J57	20	184.252	0.267	54.2	0.3018	0.0000	OK
30 minute winter	BASIN 1	99	186.130	1.205	116.3	154.0654	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.830	0.530	6.6	53.3287	0.0000	OK
30 minute winter	BASIN 3	270	182.990	-0.110	119.3	145.0532	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	J50	48.014	J51	31.3	0.788	1.048	0.2018	
30 minute winter	J51	48.015	J52	32.2	0.810	1.051	0.0451	
30 minute winter	J52	48.016	J53	33.1	0.833	1.087	0.1938	
30 minute winter	J53	48.017	S24	34.2	0.867	1.133	0.4066	
30 minute winter	J54	65.002	J55	9.4	1.200	1.586	0.0285	
30 minute winter	J55	65.003	S24	9.9	1.267	1.302	0.0608	
30 minute winter	J56	48.019	J57	53.4	0.793	0.984	0.6121	
30 minute winter	J57	48.020	S25	54.2	0.856	0.994	0.3909	
30 minute winter	BASIN 1	1.023	S5	4.5	0.386	0.054	0.9418	
30 minute winter	BASIN 1	Infiltration		0.1				1.6
30 minute winter	BASIN 2	1.027	S7	1.2	0.400	0.015	0.0696	
30 minute winter	BASIN 2	71.000	BH1	3.0	0.869	0.508	0.1829	
30 minute winter	BASIN 2	Infiltration		0.0				0.0
30 minute winter	BASIN 3	1.034	BH2	0.0	0.000	0.000	0.0000	
30 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.96%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	BASIN 4	158	183.765	0.435	79.3	128.5113	0.0000	SURCHARGED
30 minute winter	SWALE 1	100	184.929	0.055	3.8	0.0789	0.0000	OK
30 minute winter	SWALE 2	270	184.407	0.032	1.2	0.0457	0.0000	OK
30 minute winter	SWALE 3	20	184.261	0.266	100.8	0.3803	0.0000	OK
30 minute winter	BH1	270	184.830	0.753	3.0	2.9844	0.0000	OK
30 minute winter	BH2	1	183.083	0.000	0.0	0.0000	0.0000	OK
30 minute winter	BH3	157	183.765	0.446	13.7	3.6883	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	BASIN 4	48.022	BH3	13.7	1.189	0.254	0.3211	
30 minute winter	BASIN 4	Infiltration		0.0				0.0
30 minute winter	SWALE 1	1.025	S6	3.8	0.390	0.046	0.3665	
30 minute winter	SWALE 2	1.029	S8	1.0	0.348	0.012	0.0792	
30 minute winter	SWALE 3	1.033	BASIN 3	100.6	1.292	0.805	3.3609	
30 minute winter	BH1	Infiltration		0.1				1.4
30 minute winter	BH2	Infiltration		0.0				0.0
30 minute winter	BH3	Infiltration		0.2				2.8

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	35	188.910	0.539	9.5	0.8119	0.0000	SURCHARGED
60 minute summer	S2	34	187.267	0.228	43.7	0.4085	0.0000	SURCHARGED
60 minute summer	S3	126	186.377	0.240	57.3	0.3242	0.0000	OK
60 minute summer	S4	124	186.357	0.979	106.9	1.2703	0.0000	SURCHARGED
60 minute summer	S5	126	186.357	1.447	4.2	2.0702	0.0000	SURCHARGED
60 minute summer	S6	300	184.864	0.056	4.1	0.0806	0.0000	OK
60 minute summer	S7	300	184.788	0.029	3.7	0.0414	0.0000	OK
60 minute summer	S8	300	184.361	0.031	3.7	0.0443	0.0000	OK
60 minute summer	S9	34	184.322	0.197	3.7	0.2814	0.0000	OK
60 minute summer	S10	34	184.322	0.209	95.8	0.3878	0.0000	OK
60 minute summer	S11	36	187.069	0.669	12.3	1.0809	0.0000	SURCHARGED
60 minute summer	S12	35	186.478	0.302	20.8	0.4572	0.0000	SURCHARGED
60 minute summer	S13	34	186.093	0.100	34.6	0.1538	0.0000	OK
60 minute summer	S14	34	185.462	0.287	49.1	0.4641	0.0000	SURCHARGED
60 minute summer	S15	34	185.029	0.162	63.9	0.2619	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S1	1.000	J1	8.0	1.020	0.914	0.0642	
60 minute summer	S2	1.012	J12	43.7	1.164	1.463	0.0544	
60 minute summer	S3	1.019	J18	57.3	1.196	1.075	0.3011	
60 minute summer	S4	1.022	BASIN 1	105.8	1.585	0.632	1.1778	
60 minute summer	S5	1.024	SWALE 1	4.1	0.388	0.050	0.2163	
60 minute summer	S6	1.026	BASIN 2	4.1	0.478	0.048	0.0569	
60 minute summer	S7	1.028	SWALE 2	3.7	0.566	0.012	0.1128	
60 minute summer	S8	1.030	S9	3.7	0.596	0.014	0.3514	
60 minute summer	S9	1.031	S10	3.7	0.631	0.044	0.4059	
60 minute summer	S10	1.032	SWALE 3	95.6	1.340	0.290	0.3117	
60 minute summer	S11	32.000	J28	10.3	1.311	1.725	0.0355	
60 minute summer	S12	32.003	J30	20.7	1.176	1.549	0.0895	
60 minute summer	S13	32.007	J33	34.6	2.166	0.353	0.2079	
60 minute summer	S14	32.009	J34	48.8	1.226	0.961	0.2084	
60 minute summer	S15	32.013	J37	63.8	2.222	0.692	0.2887	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	34	184.675	0.188	77.6	0.2944	0.0000	OK
60 minute summer	S17	35	186.600	0.450	12.8	0.7368	0.0000	SURCHARGED
60 minute summer	S18	123	186.358	0.534	24.6	0.8072	0.0000	SURCHARGED
60 minute summer	S19	124	186.357	0.591	38.8	0.8699	0.0000	SURCHARGED
60 minute summer	S20	51	184.669	0.027	0.9	0.0305	0.0000	OK
60 minute summer	S21	36	184.651	0.242	10.3	0.3266	0.0000	SURCHARGED
60 minute summer	S22	35	184.558	0.327	19.2	0.4286	0.0000	SURCHARGED
60 minute summer	S23	35	184.525	0.327	28.8	0.4264	0.0000	SURCHARGED
60 minute summer	S24	35	184.306	0.289	51.6	0.3849	0.0000	OK
60 minute summer	S25	34	184.211	0.241	61.9	0.3396	0.0000	OK
60 minute summer	S26	35	185.650	0.273	10.0	0.4120	0.0000	SURCHARGED
60 minute summer	FC1	45	189.030	0.780	4.5	2.9122	0.0000	FLOOD RISK
60 minute summer	FC2	45	188.910	0.760	4.5	2.7433	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S16	32.015	J38	77.4	1.200	0.243	0.1350	
60 minute summer	S17	23.001	J20	11.1	1.423	1.879	0.0560	
60 minute summer	S18	23.006	J24	24.5	0.615	0.766	0.0729	
60 minute summer	S19	23.010	J27	38.7	0.973	1.291	0.3541	
60 minute summer	S20	48.001	J41	0.9	0.528	0.147	0.0160	
60 minute summer	S21	48.004	J43	9.2	0.605	0.692	0.0898	
60 minute summer	S22	48.008	J46	19.0	0.477	0.603	0.0967	
60 minute summer	S23	48.011	J48	28.5	0.717	0.925	0.0447	
60 minute summer	S24	48.018	J56	51.7	0.752	0.966	0.2911	
60 minute summer	S25	48.021	BASIN 4	61.8	1.131	1.161	0.2094	
60 minute summer	S26	65.001	J54	9.0	1.156	0.872	0.0667	
60 minute summer	FC1	2.000	J1	2.1	0.575	0.333	0.0372	
60 minute summer	FC1	Infiltration		0.0				0.0
60 minute summer	FC2	3.000	J2	1.0	0.526	0.174	0.0323	
60 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC3	50	188.950	0.750	6.1	4.1702	0.0000	FLOOD RISK
60 minute summer	FC4	43	188.909	0.709	3.3	1.8183	0.0000	FLOOD RISK
60 minute summer	FC5	45	188.749	0.749	4.5	2.7322	0.0000	FLOOD RISK
60 minute summer	FC6	43	188.571	0.721	3.3	1.8126	0.0000	FLOOD RISK
60 minute summer	FC7	43	188.470	0.720	3.3	1.8160	0.0000	FLOOD RISK
60 minute summer	FC8	45	188.507	0.757	4.5	2.7216	0.0000	FLOOD RISK
60 minute summer	FC9	43	188.190	0.720	3.3	1.8183	0.0000	FLOOD RISK
60 minute summer	FC10	50	188.246	0.776	6.1	4.1544	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC3	4.000	J3	0.9	0.552	0.138	0.0415	
60 minute summer	FC3	Infiltration		0.0				0.0
60 minute summer	FC4	5.000	J4	0.8	0.618	0.112	0.0180	
60 minute summer	FC4	Infiltration		0.0				0.0
60 minute summer	FC5	6.000	J5	0.9	0.523	0.145	0.0083	
60 minute summer	FC5	Infiltration		0.0				0.0
60 minute summer	FC6	7.000	J6	0.8	0.690	0.097	0.0270	
60 minute summer	FC6	Infiltration		0.0				0.0
60 minute summer	FC7	8.000	J7	0.8	0.599	0.119	0.0102	
60 minute summer	FC7	Infiltration		0.0				0.0
60 minute summer	FC8	9.000	J8	0.9	0.737	0.091	0.0049	
60 minute summer	FC8	Infiltration		0.0				0.0
60 minute summer	FC9	10.000	J9	0.8	0.528	0.142	0.0115	
60 minute summer	FC9	Infiltration		0.0				0.0
60 minute summer	FC10	11.000	J10	0.9	0.575	0.132	0.0095	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC11	45	188.089	0.769	4.5	2.7235	0.0000	FLOOD RISK
60 minute summer	FC12	45	188.002	0.772	4.5	2.7234	0.0000	FLOOD RISK
60 minute summer	FC13	45	187.768	0.768	4.5	2.7241	0.0000	FLOOD RISK
60 minute summer	FC14	53	187.182	0.282	4.5	3.6012	0.0000	SURCHARGED
60 minute summer	FC15	43	187.924	0.724	3.3	1.8057	0.0000	FLOOD RISK
60 minute summer	FC16	43	187.623	0.723	3.3	1.8162	0.0000	FLOOD RISK
60 minute summer	FC17	43	187.724	0.724	3.3	1.8083	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC10	Infiltration		0.0				0.0
60 minute summer	FC11	12.000	J11	0.9	0.531	0.148	0.0138	
60 minute summer	FC11	Infiltration		0.0				0.0
60 minute summer	FC12	13.000	S2	1.0	0.530	0.169	0.0362	
60 minute summer	FC12	Infiltration		0.0				0.0
60 minute summer	FC13	14.000	J12	0.9	0.531	0.147	0.0152	
60 minute summer	FC13	Infiltration		0.0				0.0
60 minute summer	FC14	15.000	J13	0.5	0.460	0.087	0.0127	
60 minute summer	FC14	Infiltration		0.0				0.0
60 minute summer	FC15	16.000	J14	0.9	1.123	0.049	0.0035	
60 minute summer	FC15	Infiltration		0.0				0.0
60 minute summer	FC16	17.000	J15	0.8	0.552	0.134	0.0116	
60 minute summer	FC16	Infiltration		0.0				0.0
60 minute summer	FC17	18.000	J16	0.8	0.876	0.069	0.0047	
60 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC18	43	187.276	0.726	3.3	1.8166	0.0000	FLOOD RISK
60 minute summer	FC19	45	187.168	0.768	4.5	2.7243	0.0000	FLOOD RISK
60 minute summer	FC20	45	187.703	0.753	4.5	2.7179	0.0000	FLOOD RISK
60 minute summer	FC21	45	187.056	0.756	4.5	2.7289	0.0000	FLOOD RISK
60 minute summer	FC22	47	186.713	0.263	3.3	2.5461	0.0000	SURCHARGED
60 minute summer	FC23	43	187.021	0.721	3.3	1.8086	0.0000	FLOOD RISK
60 minute summer	FC24	45	187.058	0.758	4.5	2.7167	0.0000	FLOOD RISK
60 minute summer	FC25	45	187.306	0.755	4.5	2.7172	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC18	19.000	J17	0.8	0.525	0.143	0.0113	
60 minute summer	FC18	Infiltration		0.0				0.0
60 minute summer	FC19	20.000	S3	0.9	0.529	0.148	0.0114	
60 minute summer	FC19	Infiltration		0.0				0.0
60 minute summer	FC20	21.000	J18	0.9	1.066	0.054	0.0035	
60 minute summer	FC20	Infiltration		0.0				0.0
60 minute summer	FC21	22.000	J19	0.9	0.529	0.151	0.0477	
60 minute summer	FC21	Infiltration		0.0				0.0
60 minute summer	FC22	23.000	S17	1.4	0.607	0.091	0.0373	
60 minute summer	FC22	Infiltration		0.0				0.0
60 minute summer	FC23	24.000	J20	0.8	0.927	0.064	0.0286	
60 minute summer	FC23	Infiltration		0.0				0.0
60 minute summer	FC24	25.000	J21	0.9	0.963	0.063	0.0289	
60 minute summer	FC24	Infiltration		0.0				0.0
60 minute summer	FC25	26.000	J22	0.9	1.059	0.055	0.0200	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC26	50	186.699	0.249	3.3	2.5111	0.0000	SURCHARGED
60 minute summer	FC27	43	187.216	0.716	3.3	1.8075	0.0000	FLOOD RISK
60 minute summer	FC28	45	187.251	0.751	4.5	2.7189	0.0000	FLOOD RISK
60 minute summer	FC29	45	187.240	0.740	4.5	2.7230	0.0000	FLOOD RISK
60 minute summer	FC30	45	187.503	0.753	4.5	2.7185	0.0000	FLOOD RISK
60 minute summer	FC31	43	187.186	0.736	3.3	2.0035	0.0000	FLOOD RISK
60 minute summer	FC32	43	187.177	0.727	3.3	1.8651	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC25	Infiltration		0.0				0.0
60 minute summer	FC26	27.000	J23	0.5	0.793	0.037	0.0192	
60 minute summer	FC26	Infiltration		0.0				0.0
60 minute summer	FC27	28.000	J24	0.8	1.167	0.039	0.0190	
60 minute summer	FC27	Infiltration		0.0				0.0
60 minute summer	FC28	29.000	J25	0.9	1.063	0.054	0.0187	
60 minute summer	FC28	Infiltration		0.0				0.0
60 minute summer	FC29	30.000	J26	0.9	1.033	0.056	0.0203	
60 minute summer	FC29	Infiltration		0.0				0.0
60 minute summer	FC30	31.000	J27	0.9	0.992	0.060	0.0038	
60 minute summer	FC30	Infiltration		0.0				0.0
60 minute summer	FC31	33.000	J28	1.7	0.603	0.186	0.0333	
60 minute summer	FC31	Infiltration		0.0				0.0
60 minute summer	FC32	34.000	J29	1.4	0.458	0.111	0.0325	
60 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC33	45	187.213	0.763	4.5	2.7149	0.0000	FLOOD RISK
60 minute summer	FC34	45	187.213	0.763	4.5	2.7250	0.0000	FLOOD RISK
60 minute summer	FC35	45	187.203	0.753	4.5	2.7185	0.0000	FLOOD RISK
60 minute summer	FC36	45	187.181	0.731	4.5	2.7267	0.0000	FLOOD RISK
60 minute summer	FC37	50	186.594	0.794	6.1	4.1383	0.0000	FLOOD RISK
60 minute summer	FC38	50	185.665	0.215	3.3	2.5777	0.0000	SURCHARGED
60 minute summer	FC39	43	186.156	0.706	3.3	1.8131	0.0000	FLOOD RISK
60 minute summer	FC40	46	186.211	0.711	4.5	2.7436	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC33	35.000	S12	1.1	0.972	0.074	0.0200	
60 minute summer	FC33	Infiltration		0.0				0.0
60 minute summer	FC34	36.000	J30	0.9	0.542	0.140	0.0076	
60 minute summer	FC34	Infiltration		0.0				0.0
60 minute summer	FC35	37.000	J31	0.9	0.983	0.061	0.0071	
60 minute summer	FC35	Infiltration		0.0				0.0
60 minute summer	FC36	38.000	J32	0.9	1.026	0.056	0.0042	
60 minute summer	FC36	Infiltration		0.0				0.0
60 minute summer	FC37	39.000	J33	0.9	0.710	0.100	0.0082	
60 minute summer	FC37	Infiltration		0.0				0.0
60 minute summer	FC38	40.000	J34	0.5	0.744	0.036	0.0197	
60 minute summer	FC38	Infiltration		0.0				0.0
60 minute summer	FC39	41.000	J35	0.8	0.981	0.058	0.0059	
60 minute summer	FC39	Infiltration		0.0				0.0
60 minute summer	FC40	42.000	J36	0.8	1.203	0.044	0.0215	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC41	45	185.593	0.743	4.5	2.7259	0.0000	FLOOD RISK
60 minute summer	FC42	45	185.344	0.744	4.5	2.7326	0.0000	FLOOD RISK
60 minute summer	FC43	46	185.254	0.654	4.5	2.7668	0.0000	SURCHARGED
60 minute summer	FC44	33	184.641	0.041	3.3	0.0523	0.0000	OK
60 minute summer	FC45	43	185.318	0.718	3.3	1.8099	0.0000	FLOOD RISK
60 minute summer	FC46	50	185.476	0.776	6.1	4.1566	0.0000	FLOOD RISK
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	45	185.556	0.756	4.5	2.7169	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC40	Infiltration		0.0				0.0
60 minute summer	FC41	43.000	J37	0.9	0.789	0.082	0.0100	
60 minute summer	FC41	Infiltration		0.0				0.0
60 minute summer	FC42	44.000	J38	1.2	0.686	0.144	0.0307	
60 minute summer	FC42	Infiltration		0.0				0.0
60 minute summer	FC43	45.000	J39	0.8	0.765	0.078	0.0190	
60 minute summer	FC43	Infiltration		0.0				0.0
60 minute summer	FC44	46.000	J40	3.3	1.136	0.310	0.0128	
60 minute summer	FC44	Infiltration		0.0				0.0
60 minute summer	FC45	47.000	S10	0.8	0.915	0.065	0.0043	
60 minute summer	FC45	Infiltration		0.0				0.0
60 minute summer	FC46	48.000	S20	0.9	0.529	0.147	0.0102	
60 minute summer	FC46	Infiltration		0.0				0.0
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0142	
60 minute summer	FC48	50.000	J42	0.9	0.724	0.062	0.0217	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC49	45	185.558	0.758	4.5	2.7285	0.0000	FLOOD RISK
60 minute summer	FC50	45	185.560	0.760	4.5	2.7277	0.0000	FLOOD RISK
60 minute summer	FC51	45	185.594	0.744	4.5	2.7344	0.0000	FLOOD RISK
60 minute summer	FC52	46	185.970	0.720	4.5	2.7370	0.0000	FLOOD RISK
60 minute summer	FC53	45	186.005	0.755	4.5	2.7232	0.0000	FLOOD RISK
60 minute summer	FC54	43	185.968	0.718	3.3	1.8117	0.0000	FLOOD RISK
60 minute summer	FC55	43	185.964	0.714	3.3	1.8110	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC48	Infiltration		0.0				0.0
60 minute summer	FC49	51.000	S21	0.9	0.524	0.146	0.0072	
60 minute summer	FC49	Infiltration		0.0				0.0
60 minute summer	FC50	52.000	J43	0.9	0.525	0.146	0.0077	
60 minute summer	FC50	Infiltration		0.0				0.0
60 minute summer	FC51	55.000	S22	0.9	0.527	0.145	0.0100	
60 minute summer	FC51	Infiltration		0.0				0.0
60 minute summer	FC52	58.000	S23	0.8	0.764	0.084	0.0060	
60 minute summer	FC52	Infiltration		0.0				0.0
60 minute summer	FC53	61.000	J50	0.9	0.722	0.093	0.0051	
60 minute summer	FC53	Infiltration		0.0				0.0
60 minute summer	FC54	62.000	J51	0.8	0.795	0.078	0.0042	
60 minute summer	FC54	Infiltration		0.0				0.0
60 minute summer	FC55	64.000	J53	0.8	1.004	0.056	0.0035	
60 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC56	43	186.041	0.691	3.3	1.8175	0.0000	SURCHARGED
60 minute summer	FC57	43	186.044	0.694	3.3	1.8171	0.0000	SURCHARGED
60 minute summer	FC58	43	186.066	0.716	3.3	1.8106	0.0000	FLOOD RISK
60 minute summer	FC59	43	186.073	0.723	3.3	1.8090	0.0000	FLOOD RISK
60 minute summer	FC60	45	186.107	0.757	4.5	2.7184	0.0000	FLOOD RISK
60 minute summer	FC61	45	186.058	0.758	4.5	2.7224	0.0000	FLOOD RISK
60 minute summer	FC62	50	186.014	0.764	6.1	4.1579	0.0000	FLOOD RISK
60 minute summer	FC63	43	186.125	0.725	3.3	1.8860	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC56	53.000	J44	0.8	1.034	0.054	0.0053	
60 minute summer	FC56	Infiltration		0.0				0.0
60 minute summer	FC57	54.000	J45	0.8	0.970	0.059	0.0056	
60 minute summer	FC57	Infiltration		0.0				0.0
60 minute summer	FC58	56.000	J46	0.8	0.936	0.063	0.0056	
60 minute summer	FC58	Infiltration		0.0				0.0
60 minute summer	FC59	57.000	J47	0.8	0.869	0.071	0.0063	
60 minute summer	FC59	Infiltration		0.0				0.0
60 minute summer	FC60	59.000	J48	0.9	0.866	0.073	0.0066	
60 minute summer	FC60	Infiltration		0.0				0.0
60 minute summer	FC61	60.000	J49	0.9	0.694	0.100	0.0092	
60 minute summer	FC61	Infiltration		0.0				0.0
60 minute summer	FC62	63.000	J52	0.9	0.640	0.114	0.0128	
60 minute summer	FC62	Infiltration		0.0				0.0
60 minute summer	FC63	65.000	S26	1.6	0.605	0.270	0.0188	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC64	43	185.881	0.731	3.3	1.9417	0.0000	FLOOD RISK
60 minute summer	FC65	45	185.918	0.768	4.5	2.7698	0.0000	FLOOD RISK
60 minute summer	FC66	45	185.764	0.764	4.5	2.7241	0.0000	FLOOD RISK
60 minute summer	FC67	50	185.046	0.246	3.3	2.5309	0.0000	SURCHARGED
60 minute summer	FC68	43	185.269	0.719	3.3	1.8139	0.0000	FLOOD RISK
60 minute summer	J1	35	188.729	0.528	17.2	0.7953	0.0000	SURCHARGED
60 minute summer	J2	36	188.226	0.170	17.0	0.1918	0.0000	SURCHARGED
60 minute summer	J3	36	188.189	0.139	17.8	0.1571	0.0000	OK
60 minute summer	J4	36	188.136	0.097	18.7	0.1095	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	FC63	Infiltration		0.0				0.0
60 minute summer	FC64	66.000	J54	1.6	0.360	0.268	0.0172	
60 minute summer	FC64	Infiltration		0.0				0.0
60 minute summer	FC65	67.000	J55	1.4	0.514	0.148	0.0172	
60 minute summer	FC65	Infiltration		0.0				0.0
60 minute summer	FC66	68.000	S24	0.9	0.589	0.121	0.0031	
60 minute summer	FC66	Infiltration		0.0				0.0
60 minute summer	FC67	69.000	J56	0.5	0.436	0.081	0.0023	
60 minute summer	FC67	Infiltration		0.0				0.0
60 minute summer	FC68	70.000	J57	0.8	0.686	0.094	0.0028	
60 minute summer	FC68	Infiltration		0.0				0.0
60 minute summer	J1	1.001	J2	16.3	2.078	1.959	0.0393	
60 minute summer	J2	1.002	J3	17.0	0.965	1.264	0.0180	
60 minute summer	J3	1.003	J4	17.8	1.202	1.343	0.0283	
60 minute summer	J4	1.004	J5	18.7	1.679	0.547	0.0393	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J5	36	187.994	0.084	19.5	0.0955	0.0000	OK
60 minute summer	J6	36	187.774	0.124	20.3	0.1398	0.0000	OK
60 minute summer	J7	36	187.652	0.127	21.2	0.1435	0.0000	OK
60 minute summer	J8	36	187.601	0.080	21.1	0.0909	0.0000	OK
60 minute summer	J9	36	187.405	0.130	22.8	0.1466	0.0000	OK
60 minute summer	J10	35	187.357	0.087	24.0	0.0980	0.0000	OK
60 minute summer	J11	34	187.276	0.155	24.5	0.1755	0.0000	OK
60 minute summer	J12	34	186.974	0.165	44.5	0.1864	0.0000	OK
60 minute summer	J13	34	186.862	0.235	44.9	0.2653	0.0000	OK
60 minute summer	J14	34	186.837	0.215	45.7	0.2428	0.0000	OK
60 minute summer	J15	34	186.803	0.186	46.5	0.2101	0.0000	OK
60 minute summer	J16	34	186.752	0.147	47.3	0.1667	0.0000	OK
60 minute summer	J17	35	186.413	0.130	48.0	0.1468	0.0000	OK
60 minute summer	J18	123	186.361	0.236	58.1	0.2673	0.0000	OK
60 minute summer	J19	123	186.364	0.337	58.9	0.3812	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J5	1.005	J6	19.5	1.498	0.510	0.0731	
60 minute summer	J6	1.006	J7	20.3	1.488	0.715	0.0267	
60 minute summer	J7	1.007	J8	20.3	1.190	0.660	0.0202	
60 minute summer	J8	1.008	J9	22.0	1.213	0.247	0.1539	
60 minute summer	J9	1.009	J10	23.1	1.260	0.693	0.0226	
60 minute summer	J10	1.010	J11	23.7	1.325	0.184	0.0527	
60 minute summer	J11	1.011	S2	24.8	0.809	0.385	0.1851	
60 minute summer	J12	1.013	J13	44.5	1.472	0.664	0.1983	
60 minute summer	J13	1.014	J14	44.9	0.793	0.792	0.1072	
60 minute summer	J14	1.015	J15	45.7	0.914	0.811	0.0956	
60 minute summer	J15	1.016	J16	46.4	1.157	0.871	0.2057	
60 minute summer	J16	1.017	J17	47.2	1.573	0.332	0.1009	
60 minute summer	J17	1.018	S3	48.0	1.175	0.154	0.0787	
60 minute summer	J18	1.020	J19	58.1	1.153	0.203	0.0968	
60 minute summer	J19	1.021	S4	58.9	1.110	1.068	0.3096	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J20	125	186.357	0.326	12.0	0.3692	0.0000	SURCHARGED
60 minute summer	J21	125	186.357	0.348	12.6	0.3940	0.0000	SURCHARGED
60 minute summer	J22	124	186.357	0.394	13.7	0.4459	0.0000	SURCHARGED
60 minute summer	J23	125	186.357	0.415	14.5	0.4697	0.0000	SURCHARGED
60 minute summer	J24	125	186.357	0.540	25.3	0.6110	0.0000	SURCHARGED
60 minute summer	J25	126	186.359	0.563	26.2	0.6368	0.0000	SURCHARGED
60 minute summer	J26	123	186.359	0.580	27.2	0.6563	0.0000	SURCHARGED
60 minute summer	J27	126	186.364	0.628	39.5	0.7100	0.0000	SURCHARGED
60 minute summer	J28	37	186.917	0.560	10.3	0.6339	0.0000	SURCHARGED
60 minute summer	J29	36	186.647	0.376	10.3	0.4249	0.0000	SURCHARGED
60 minute summer	J30	35	186.369	0.222	21.5	0.2508	0.0000	SURCHARGED
60 minute summer	J31	35	186.199	0.155	22.4	0.1748	0.0000	OK
60 minute summer	J32	35	186.147	0.135	23.3	0.1532	0.0000	OK
60 minute summer	J33	34	185.625	0.090	35.5	0.1020	0.0000	OK
60 minute summer	J34	34	185.375	0.250	49.1	0.2827	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J20	23.002	J21	11.7	0.671	0.869	0.0665	
60 minute summer	J21	23.003	J22	12.8	0.727	0.955	0.1411	
60 minute summer	J22	23.004	J23	14.0	0.797	1.038	0.0633	
60 minute summer	J23	23.005	S18	15.0	0.858	1.118	0.1321	
60 minute summer	J24	23.007	J25	25.4	0.639	0.844	0.2458	
60 minute summer	J25	23.008	J26	26.3	0.663	0.872	0.1975	
60 minute summer	J26	23.009	S19	27.3	0.687	0.894	0.1474	
60 minute summer	J27	23.011	S4	39.5	1.101	1.322	0.0951	
60 minute summer	J28	32.001	J29	9.4	1.207	1.595	0.0691	
60 minute summer	J29	32.002	S12	10.6	1.357	1.789	0.0364	
60 minute summer	J30	32.004	J31	21.6	1.226	1.625	0.0848	
60 minute summer	J31	32.005	J32	22.4	0.830	0.746	0.2633	
60 minute summer	J32	32.006	S13	23.3	1.148	0.774	0.1115	
60 minute summer	J33	32.008	S14	35.5	1.215	0.341	0.2479	
60 minute summer	J34	32.010	J35	49.2	1.362	1.275	0.3095	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J35	34	185.228	0.153	50.0	0.1735	0.0000	OK
60 minute summer	J36	34	185.114	0.239	50.8	0.2704	0.0000	SURCHARGED
60 minute summer	J37	34	184.740	0.240	64.7	0.2716	0.0000	OK
60 minute summer	J38	34	184.656	0.356	78.1	0.4021	0.0000	SURCHARGED
60 minute summer	J39	34	184.571	0.297	78.8	0.3354	0.0000	OK
60 minute summer	J40	34	184.502	0.237	81.9	0.2676	0.0000	OK
60 minute summer	J41	36	184.662	0.065	0.9	0.0733	0.0000	OK
60 minute summer	J42	36	184.660	0.123	2.2	0.1396	0.0000	SURCHARGED
60 minute summer	J43	36	184.632	0.252	10.0	0.2849	0.0000	SURCHARGED
60 minute summer	J44	36	184.619	0.249	10.5	0.2817	0.0000	SURCHARGED
60 minute summer	J45	35	184.578	0.258	11.7	0.2912	0.0000	SURCHARGED
60 minute summer	J46	35	184.549	0.327	19.8	0.3693	0.0000	SURCHARGED
60 minute summer	J47	35	184.536	0.329	20.5	0.3721	0.0000	SURCHARGED
60 minute summer	J48	35	184.509	0.315	29.4	0.3559	0.0000	SURCHARGED
60 minute summer	J49	35	184.471	0.302	29.9	0.3412	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J35	32.011	J36	50.0	1.396	0.561	0.2357	
60 minute summer	J36	32.012	S15	50.7	1.413	1.689	0.0834	
60 minute summer	J37	32.014	S16	64.4	1.374	1.167	0.2774	
60 minute summer	J38	32.016	J39	78.0	1.108	1.444	0.7610	
60 minute summer	J39	32.017	J40	78.7	1.190	1.439	0.2374	
60 minute summer	J40	32.018	S10	81.8	1.477	0.821	0.5288	
60 minute summer	J41	48.002	J42	1.4	0.492	0.229	0.0410	
60 minute summer	J42	48.003	S21	3.1	0.640	0.525	0.0640	
60 minute summer	J43	48.005	J44	9.7	0.644	0.695	0.0283	
60 minute summer	J44	48.006	J45	10.9	0.669	0.814	0.1545	
60 minute summer	J45	48.007	S22	12.1	0.727	0.891	0.0419	
60 minute summer	J46	48.009	J47	19.6	0.494	0.637	0.1676	
60 minute summer	J47	48.010	S23	20.6	0.519	0.684	0.1050	
60 minute summer	J48	48.012	J49	29.1	0.732	0.973	0.2962	
60 minute summer	J49	48.013	J50	29.8	0.750	0.974	0.0451	

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Results for 100 year +45% CC +10% A 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J50	35	184.452	0.287	30.7	0.3251	0.0000	SURCHARGED
60 minute summer	J51	35	184.419	0.271	31.5	0.3063	0.0000	SURCHARGED
60 minute summer	J52	35	184.399	0.255	32.4	0.2880	0.0000	SURCHARGED
60 minute summer	J53	35	184.363	0.236	33.3	0.2665	0.0000	SURCHARGED
60 minute summer	J54	37	185.427	0.298	9.3	0.3374	0.0000	SURCHARGED
60 minute summer	J55	37	185.309	0.214	9.7	0.2426	0.0000	SURCHARGED
60 minute summer	J56	35	184.282	0.275	52.1	0.3108	0.0000	OK
60 minute summer	J57	35	184.247	0.262	52.9	0.2962	0.0000	OK
60 minute summer	BASIN 1	126	186.357	1.432	111.6	192.6042	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.850	0.550	6.8	55.6872	0.0000	OK
60 minute summer	BASIN 3	300	183.110	0.010	113.6	192.3732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	J50	48.014	J51	30.6	0.771	1.026	0.2018	
60 minute summer	J51	48.015	J52	31.6	0.794	1.030	0.0451	
60 minute summer	J52	48.016	J53	32.5	0.817	1.066	0.1938	
60 minute summer	J53	48.017	S24	33.4	0.867	1.108	0.4039	
60 minute summer	J54	65.002	J55	9.1	1.157	1.529	0.0285	
60 minute summer	J55	65.003	S24	9.6	1.230	1.265	0.0607	
60 minute summer	J56	48.019	J57	52.1	0.785	0.961	0.6036	
60 minute summer	J57	48.020	S25	53.0	0.848	0.971	0.3850	
60 minute summer	BASIN 1	1.023	S5	4.2	0.354	0.050	0.9418	
60 minute summer	BASIN 1	Infiltration		0.1				1.8
60 minute summer	BASIN 2	1.027	S7	3.7	0.570	0.045	0.1456	
60 minute summer	BASIN 2	71.000	BH1	3.4	0.780	0.581	0.1829	
60 minute summer	BASIN 2	Infiltration		0.0				0.0
60 minute summer	BASIN 3	1.034	BH2	0.0	0.088	0.000	0.0050	
60 minute summer	BASIN 3	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	BASIN 4	192	183.878	0.548	76.7	164.3230	0.0000	SURCHARGED
60 minute summer	SWALE 1	127	184.932	0.058	4.1	0.0824	0.0000	OK
60 minute summer	SWALE 2	300	184.429	0.054	3.7	0.0767	0.0000	OK
60 minute summer	SWALE 3	35	184.251	0.256	95.6	0.3659	0.0000	OK
60 minute summer	BH1	300	184.850	0.773	3.4	3.0436	0.0000	OK
60 minute summer	BH2	300	183.083	0.000	0.0	0.0108	0.0000	OK
60 minute summer	BH3	190	183.878	0.559	6.8	4.2160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	BASIN 4	48.022	BH3	6.8	0.819	0.126	0.3211	
60 minute summer	BASIN 4	Infiltration		0.0				0.0
60 minute summer	SWALE 1	1.025	S6	4.1	0.400	0.050	0.3897	
60 minute summer	SWALE 2	1.029	S8	3.7	0.544	0.045	0.1790	
60 minute summer	SWALE 3	1.033	BASIN 3	95.5	1.274	0.764	3.2363	
60 minute summer	BH1	Infiltration		0.1				1.5
60 minute summer	BH2	Infiltration		0.0				0.0
60 minute summer	BH3	Infiltration		0.2				3.0

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	35	188.656	0.286	6.9	0.4303	0.0000	SURCHARGED
60 minute winter	S2	34	187.240	0.200	36.5	0.3589	0.0000	OK
60 minute winter	S3	124	186.377	0.240	47.9	0.3242	0.0000	OK
60 minute winter	S4	142	186.364	0.986	88.9	1.2786	0.0000	SURCHARGED
60 minute winter	S5	125	186.359	1.449	4.2	2.0731	0.0000	SURCHARGED
60 minute winter	S6	300	184.864	0.056	4.1	0.0807	0.0000	OK
60 minute winter	S7	300	184.788	0.029	3.7	0.0414	0.0000	OK
60 minute winter	S8	300	184.361	0.031	3.7	0.0444	0.0000	OK
60 minute winter	S9	34	184.290	0.165	3.7	0.2364	0.0000	OK
60 minute winter	S10	34	184.290	0.177	76.5	0.3293	0.0000	OK
60 minute winter	S11	36	186.855	0.455	8.9	0.7347	0.0000	SURCHARGED
60 minute winter	S12	35	186.412	0.236	17.7	0.3568	0.0000	SURCHARGED
60 minute winter	S13	34	186.082	0.089	28.5	0.1365	0.0000	OK
60 minute winter	S14	34	185.369	0.194	39.3	0.3139	0.0000	OK
60 minute winter	S15	34	185.005	0.138	51.1	0.2228	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S1	1.000	J1	6.4	0.823	0.737	0.0642	
60 minute winter	S2	1.012	J12	36.5	1.069	1.221	0.0505	
60 minute winter	S3	1.019	J18	47.9	1.173	0.899	0.3029	
60 minute winter	S4	1.022	BASIN 1	88.8	1.610	0.530	1.1778	
60 minute winter	S5	1.024	SWALE 1	4.1	0.388	0.050	0.2164	
60 minute winter	S6	1.026	BASIN 2	4.1	0.478	0.048	0.0570	
60 minute winter	S7	1.028	SWALE 2	3.7	0.566	0.012	0.1129	
60 minute winter	S8	1.030	S9	3.7	0.596	0.014	0.2808	
60 minute winter	S9	1.031	S10	3.7	0.631	0.044	0.3273	
60 minute winter	S10	1.032	SWALE 3	76.4	1.294	0.232	0.2578	
60 minute winter	S11	32.000	J28	8.0	1.029	1.354	0.0355	
60 minute winter	S12	32.003	J30	17.6	1.001	1.319	0.0895	
60 minute winter	S13	32.007	J33	28.5	2.029	0.291	0.1830	
60 minute winter	S14	32.009	J34	39.3	1.108	0.774	0.1855	
60 minute winter	S15	32.013	J37	51.1	2.186	0.554	0.2182	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	34	184.622	0.135	61.8	0.2112	0.0000	OK
60 minute winter	S17	34	186.397	0.247	9.7	0.4041	0.0000	SURCHARGED
60 minute winter	S18	127	186.360	0.535	21.1	0.8102	0.0000	SURCHARGED
60 minute winter	S19	127	186.359	0.593	32.4	0.8735	0.0000	SURCHARGED
60 minute winter	S20	52	184.669	0.027	0.9	0.0305	0.0000	OK
60 minute winter	S21	36	184.560	0.151	8.4	0.2039	0.0000	SURCHARGED
60 minute winter	S22	36	184.481	0.250	16.8	0.3283	0.0000	SURCHARGED
60 minute winter	S23	36	184.455	0.257	24.8	0.3355	0.0000	SURCHARGED
60 minute winter	S24	35	184.277	0.260	45.7	0.3474	0.0000	OK
60 minute winter	S25	35	184.191	0.221	53.7	0.3110	0.0000	OK
60 minute winter	S26	36	185.502	0.125	7.9	0.1886	0.0000	SURCHARGED
60 minute winter	FC1	47	189.021	0.771	3.2	2.7996	0.0000	FLOOD RISK
60 minute winter	FC2	47	188.905	0.755	3.2	2.6789	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S16	32.015	J38	61.8	1.178	0.195	0.1151	
60 minute winter	S17	23.001	J20	9.5	1.218	1.608	0.0560	
60 minute winter	S18	23.006	J24	21.0	0.539	0.657	0.0729	
60 minute winter	S19	23.010	J27	32.4	0.861	1.080	0.3541	
60 minute winter	S20	48.001	J41	0.9	0.528	0.147	0.0077	
60 minute winter	S21	48.004	J43	8.1	0.582	0.609	0.0898	
60 minute winter	S22	48.008	J46	16.7	0.420	0.532	0.0967	
60 minute winter	S23	48.011	J48	24.7	0.621	0.802	0.0447	
60 minute winter	S24	48.018	J56	45.6	0.716	0.853	0.2704	
60 minute winter	S25	48.021	BASIN 4	53.7	1.073	1.007	0.1919	
60 minute winter	S26	65.001	J54	7.7	1.002	0.740	0.0667	
60 minute winter	FC1	2.000	J1	1.5	0.575	0.250	0.0372	
60 minute winter	FC1	Infiltration		0.0				0.0
60 minute winter	FC2	3.000	J2	1.0	0.526	0.163	0.0276	
60 minute winter	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC3	51	188.949	0.749	4.4	4.1615	0.0000	FLOOD RISK
60 minute winter	FC4	46	188.903	0.703	2.4	1.7520	0.0000	FLOOD RISK
60 minute winter	FC5	47	188.745	0.745	3.2	2.6741	0.0000	FLOOD RISK
60 minute winter	FC6	46	188.564	0.714	2.4	1.7453	0.0000	FLOOD RISK
60 minute winter	FC7	46	188.463	0.713	2.4	1.7488	0.0000	FLOOD RISK
60 minute winter	FC8	47	188.503	0.752	3.2	2.6628	0.0000	FLOOD RISK
60 minute winter	FC9	46	188.183	0.713	2.4	1.7515	0.0000	FLOOD RISK
60 minute winter	FC10	51	188.245	0.775	4.4	4.1454	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC3	4.000	J3	0.9	0.552	0.138	0.0354	
60 minute winter	FC3	Infiltration		0.0				0.0
60 minute winter	FC4	5.000	J4	0.8	0.617	0.112	0.0143	
60 minute winter	FC4	Infiltration		0.0				0.0
60 minute winter	FC5	6.000	J5	0.9	0.523	0.144	0.0068	
60 minute winter	FC5	Infiltration		0.0				0.0
60 minute winter	FC6	7.000	J6	0.8	0.690	0.097	0.0224	
60 minute winter	FC6	Infiltration		0.0				0.0
60 minute winter	FC7	8.000	J7	0.8	0.598	0.118	0.0102	
60 minute winter	FC7	Infiltration		0.0				0.0
60 minute winter	FC8	9.000	J8	0.9	0.737	0.090	0.0049	
60 minute winter	FC8	Infiltration		0.0				0.0
60 minute winter	FC9	10.000	J9	0.8	0.527	0.141	0.0115	
60 minute winter	FC9	Infiltration		0.0				0.0
60 minute winter	FC10	11.000	J10	0.9	0.575	0.132	0.0095	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC11	47	188.085	0.765	3.2	2.6643	0.0000	FLOOD RISK
60 minute winter	FC12	47	187.997	0.767	3.2	2.6626	0.0000	FLOOD RISK
60 minute winter	FC13	47	187.763	0.763	3.2	2.6650	0.0000	FLOOD RISK
60 minute winter	FC14	58	187.184	0.284	3.2	3.6275	0.0000	SURCHARGED
60 minute winter	FC15	46	187.917	0.717	2.4	1.7376	0.0000	FLOOD RISK
60 minute winter	FC16	46	187.617	0.717	2.4	1.7491	0.0000	FLOOD RISK
60 minute winter	FC17	46	187.717	0.717	2.4	1.7406	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC10	Infiltration		0.0				0.0
60 minute winter	FC11	12.000	J11	0.9	0.530	0.147	0.0127	
60 minute winter	FC11	Infiltration		0.0				0.0
60 minute winter	FC12	13.000	S2	0.9	0.530	0.147	0.0272	
60 minute winter	FC12	Infiltration		0.0				0.0
60 minute winter	FC13	14.000	J12	0.9	0.531	0.146	0.0112	
60 minute winter	FC13	Infiltration		0.0				0.0
60 minute winter	FC14	15.000	J13	0.5	0.460	0.087	0.0085	
60 minute winter	FC14	Infiltration		0.0				0.0
60 minute winter	FC15	16.000	J14	0.8	1.121	0.049	0.0035	
60 minute winter	FC15	Infiltration		0.0				0.0
60 minute winter	FC16	17.000	J15	0.8	0.551	0.133	0.0116	
60 minute winter	FC16	Infiltration		0.0				0.0
60 minute winter	FC17	18.000	J16	0.8	0.874	0.069	0.0047	
60 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC18	46	187.269	0.719	2.4	1.7493	0.0000	FLOOD RISK
60 minute winter	FC19	47	187.164	0.764	3.2	2.6648	0.0000	FLOOD RISK
60 minute winter	FC20	47	187.699	0.749	3.2	2.6583	0.0000	FLOOD RISK
60 minute winter	FC21	47	187.052	0.752	3.2	2.6701	0.0000	FLOOD RISK
60 minute winter	FC22	49	186.709	0.259	2.4	2.5103	0.0000	SURCHARGED
60 minute winter	FC23	46	187.014	0.714	2.4	1.7406	0.0000	FLOOD RISK
60 minute winter	FC24	47	187.054	0.754	3.2	2.6576	0.0000	FLOOD RISK
60 minute winter	FC25	47	187.301	0.751	3.2	2.6574	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC18	19.000	J17	0.8	0.525	0.143	0.0112	
60 minute winter	FC18	Infiltration		0.0				0.0
60 minute winter	FC19	20.000	S3	0.9	0.528	0.147	0.0117	
60 minute winter	FC19	Infiltration		0.0				0.0
60 minute winter	FC20	21.000	J18	0.9	1.065	0.054	0.0035	
60 minute winter	FC20	Infiltration		0.0				0.0
60 minute winter	FC21	22.000	J19	0.9	0.529	0.156	0.0485	
60 minute winter	FC21	Infiltration		0.0				0.0
60 minute winter	FC22	23.000	S17	0.5	0.607	0.033	0.0200	
60 minute winter	FC22	Infiltration		0.0				0.0
60 minute winter	FC23	24.000	J20	0.8	0.926	0.063	0.0291	
60 minute winter	FC23	Infiltration		0.0				0.0
60 minute winter	FC24	25.000	J21	0.9	0.962	0.062	0.0294	
60 minute winter	FC24	Infiltration		0.0				0.0
60 minute winter	FC25	26.000	J22	0.9	1.058	0.055	0.0201	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC26	52	186.701	0.251	2.4	2.5280	0.0000	SURCHARGED
60 minute winter	FC27	46	187.210	0.710	2.4	1.7390	0.0000	FLOOD RISK
60 minute winter	FC28	47	187.247	0.747	3.2	2.6593	0.0000	FLOOD RISK
60 minute winter	FC29	47	187.237	0.737	3.2	2.6646	0.0000	FLOOD RISK
60 minute winter	FC30	47	187.499	0.749	3.2	2.6600	0.0000	FLOOD RISK
60 minute winter	FC31	46	187.175	0.725	2.4	1.8862	0.0000	FLOOD RISK
60 minute winter	FC32	46	187.167	0.717	2.4	1.7665	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC25	Infiltration		0.0				0.0
60 minute winter	FC26	27.000	J23	0.5	0.794	0.037	0.0192	
60 minute winter	FC26	Infiltration		0.0				0.0
60 minute winter	FC27	28.000	J24	0.8	1.167	0.039	0.0190	
60 minute winter	FC27	Infiltration		0.0				0.0
60 minute winter	FC28	29.000	J25	0.9	1.063	0.054	0.0187	
60 minute winter	FC28	Infiltration		0.0				0.0
60 minute winter	FC29	30.000	J26	0.9	1.032	0.056	0.0203	
60 minute winter	FC29	Infiltration		0.0				0.0
60 minute winter	FC30	31.000	J27	0.9	0.992	0.060	0.0038	
60 minute winter	FC30	Infiltration		0.0				0.0
60 minute winter	FC31	33.000	J28	1.5	0.603	0.162	0.0333	
60 minute winter	FC31	Infiltration		0.0				0.0
60 minute winter	FC32	34.000	J29	1.2	0.458	0.093	0.0325	
60 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC33	47	187.209	0.758	3.2	2.6549	0.0000	FLOOD RISK
60 minute winter	FC34	47	187.209	0.759	3.2	2.6667	0.0000	FLOOD RISK
60 minute winter	FC35	47	187.199	0.749	3.2	2.6602	0.0000	FLOOD RISK
60 minute winter	FC36	47	187.178	0.728	3.2	2.6686	0.0000	FLOOD RISK
60 minute winter	FC37	51	186.594	0.794	4.4	4.1289	0.0000	FLOOD RISK
60 minute winter	FC38	52	185.667	0.217	2.4	2.5989	0.0000	SURCHARGED
60 minute winter	FC39	46	186.150	0.700	2.4	1.7463	0.0000	FLOOD RISK
60 minute winter	FC40	48	186.208	0.708	3.2	2.6901	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC33	35.000	S12	0.9	0.972	0.061	0.0180	
60 minute winter	FC33	Infiltration		0.0				0.0
60 minute winter	FC34	36.000	J30	0.9	0.542	0.140	0.0076	
60 minute winter	FC34	Infiltration		0.0				0.0
60 minute winter	FC35	37.000	J31	0.9	0.982	0.061	0.0045	
60 minute winter	FC35	Infiltration		0.0				0.0
60 minute winter	FC36	38.000	J32	0.9	1.026	0.056	0.0042	
60 minute winter	FC36	Infiltration		0.0				0.0
60 minute winter	FC37	39.000	J33	0.9	0.710	0.100	0.0082	
60 minute winter	FC37	Infiltration		0.0				0.0
60 minute winter	FC38	40.000	J34	0.5	0.745	0.036	0.0121	
60 minute winter	FC38	Infiltration		0.0				0.0
60 minute winter	FC39	41.000	J35	0.8	0.980	0.058	0.0038	
60 minute winter	FC39	Infiltration		0.0				0.0
60 minute winter	FC40	42.000	J36	0.8	1.202	0.044	0.0147	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC41	47	185.589	0.739	3.2	2.6677	0.0000	FLOOD RISK
60 minute winter	FC42	47	185.340	0.740	3.2	2.6697	0.0000	FLOOD RISK
60 minute winter	FC43	48	185.253	0.653	3.2	2.7132	0.0000	SURCHARGED
60 minute winter	FC44	34	184.635	0.034	2.4	0.0436	0.0000	OK
60 minute winter	FC45	46	185.311	0.711	2.4	1.7423	0.0000	FLOOD RISK
60 minute winter	FC46	51	185.475	0.775	4.4	4.1478	0.0000	FLOOD RISK
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	47	185.552	0.752	3.2	2.6582	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC40	Infiltration		0.0				0.0
60 minute winter	FC41	43.000	J37	0.9	0.788	0.082	0.0055	
60 minute winter	FC41	Infiltration		0.0				0.0
60 minute winter	FC42	44.000	J38	0.9	0.686	0.099	0.0202	
60 minute winter	FC42	Infiltration		0.0				0.0
60 minute winter	FC43	45.000	J39	0.8	0.765	0.078	0.0104	
60 minute winter	FC43	Infiltration		0.0				0.0
60 minute winter	FC44	46.000	J40	2.4	1.048	0.225	0.0101	
60 minute winter	FC44	Infiltration		0.0				0.0
60 minute winter	FC45	47.000	S10	0.8	0.914	0.064	0.0042	
60 minute winter	FC45	Infiltration		0.0				0.0
60 minute winter	FC46	48.000	S20	0.9	0.517	0.147	0.0102	
60 minute winter	FC46	Infiltration		0.0				0.0
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0043	
60 minute winter	FC48	50.000	J42	0.9	0.727	0.062	0.0092	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC49	47	185.554	0.754	3.2	2.6699	0.0000	FLOOD RISK
60 minute winter	FC50	47	185.556	0.756	3.2	2.6689	0.0000	FLOOD RISK
60 minute winter	FC51	47	185.590	0.740	3.2	2.6758	0.0000	FLOOD RISK
60 minute winter	FC52	48	185.967	0.717	3.2	2.6793	0.0000	FLOOD RISK
60 minute winter	FC53	47	186.001	0.751	3.2	2.6640	0.0000	FLOOD RISK
60 minute winter	FC54	46	185.962	0.712	2.4	1.7443	0.0000	FLOOD RISK
60 minute winter	FC55	46	185.957	0.707	2.4	1.7429	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC48	Infiltration		0.0				0.0
60 minute winter	FC49	51.000	S21	0.9	0.524	0.145	0.0072	
60 minute winter	FC49	Infiltration		0.0				0.0
60 minute winter	FC50	52.000	J43	0.9	0.525	0.146	0.0077	
60 minute winter	FC50	Infiltration		0.0				0.0
60 minute winter	FC51	55.000	S22	0.9	0.526	0.144	0.0100	
60 minute winter	FC51	Infiltration		0.0				0.0
60 minute winter	FC52	58.000	S23	0.8	0.764	0.084	0.0060	
60 minute winter	FC52	Infiltration		0.0				0.0
60 minute winter	FC53	61.000	J50	0.9	0.721	0.093	0.0051	
60 minute winter	FC53	Infiltration		0.0				0.0
60 minute winter	FC54	62.000	J51	0.8	0.794	0.078	0.0042	
60 minute winter	FC54	Infiltration		0.0				0.0
60 minute winter	FC55	64.000	J53	0.8	1.003	0.056	0.0035	
60 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC56	46	186.037	0.687	2.4	1.7507	0.0000	SURCHARGED
60 minute winter	FC57	46	186.039	0.689	2.4	1.7508	0.0000	SURCHARGED
60 minute winter	FC58	46	186.059	0.709	2.4	1.7428	0.0000	FLOOD RISK
60 minute winter	FC59	46	186.066	0.716	2.4	1.7414	0.0000	FLOOD RISK
60 minute winter	FC60	47	186.103	0.753	3.2	2.6600	0.0000	FLOOD RISK
60 minute winter	FC61	47	186.053	0.753	3.2	2.6636	0.0000	FLOOD RISK
60 minute winter	FC62	51	186.014	0.764	4.4	4.1491	0.0000	FLOOD RISK
60 minute winter	FC63	46	186.115	0.715	2.4	1.7748	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC56	53.000	J44	0.8	1.033	0.053	0.0053	
60 minute winter	FC56	Infiltration		0.0				0.0
60 minute winter	FC57	54.000	J45	0.8	0.969	0.059	0.0055	
60 minute winter	FC57	Infiltration		0.0				0.0
60 minute winter	FC58	56.000	J46	0.8	0.935	0.063	0.0056	
60 minute winter	FC58	Infiltration		0.0				0.0
60 minute winter	FC59	57.000	J47	0.8	0.868	0.070	0.0062	
60 minute winter	FC59	Infiltration		0.0				0.0
60 minute winter	FC60	59.000	J48	0.9	0.865	0.073	0.0066	
60 minute winter	FC60	Infiltration		0.0				0.0
60 minute winter	FC61	60.000	J49	0.9	0.693	0.100	0.0092	
60 minute winter	FC61	Infiltration		0.0				0.0
60 minute winter	FC62	63.000	J52	0.9	0.640	0.114	0.0128	
60 minute winter	FC62	Infiltration		0.0				0.0
60 minute winter	FC63	65.000	S26	1.1	0.605	0.190	0.0188	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC64	46	185.873	0.723	2.4	1.8572	0.0000	FLOOD RISK
60 minute winter	FC65	47	185.913	0.762	3.2	2.6952	0.0000	FLOOD RISK
60 minute winter	FC66	47	185.760	0.760	3.2	2.6650	0.0000	FLOOD RISK
60 minute winter	FC67	52	185.048	0.248	2.4	2.5496	0.0000	SURCHARGED
60 minute winter	FC68	46	185.262	0.712	2.4	1.7468	0.0000	FLOOD RISK
60 minute winter	J1	35	188.538	0.338	13.6	0.5086	0.0000	SURCHARGED
60 minute winter	J2	36	188.204	0.148	14.3	0.1673	0.0000	OK
60 minute winter	J3	36	188.172	0.122	15.1	0.1383	0.0000	OK
60 minute winter	J4	36	188.126	0.086	15.9	0.0978	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	FC63	Infiltration		0.0				0.0
60 minute winter	FC64	66.000	J54	1.3	0.361	0.217	0.0172	
60 minute winter	FC64	Infiltration		0.0				0.0
60 minute winter	FC65	67.000	J55	1.4	0.517	0.149	0.0172	
60 minute winter	FC65	Infiltration		0.0				0.0
60 minute winter	FC66	68.000	S24	0.9	0.588	0.120	0.0031	
60 minute winter	FC66	Infiltration		0.0				0.0
60 minute winter	FC67	69.000	J56	0.5	0.437	0.082	0.0023	
60 minute winter	FC67	Infiltration		0.0				0.0
60 minute winter	FC68	70.000	J57	0.8	0.685	0.093	0.0028	
60 minute winter	FC68	Infiltration		0.0				0.0
60 minute winter	J1	1.001	J2	13.5	1.721	1.624	0.0392	
60 minute winter	J2	1.002	J3	14.3	0.854	1.061	0.0171	
60 minute winter	J3	1.003	J4	15.1	1.154	1.136	0.0252	
60 minute winter	J4	1.004	J5	15.9	1.640	0.466	0.0343	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J5	36	187.986	0.076	16.7	0.0854	0.0000	OK
60 minute winter	J6	36	187.760	0.110	17.6	0.1247	0.0000	OK
60 minute winter	J7	36	187.643	0.118	18.4	0.1338	0.0000	OK
60 minute winter	J8	36	187.595	0.074	19.8	0.0835	0.0000	OK
60 minute winter	J9	37	187.395	0.120	20.0	0.1362	0.0000	OK
60 minute winter	J10	36	187.347	0.077	20.9	0.0868	0.0000	OK
60 minute winter	J11	35	187.245	0.124	21.7	0.1397	0.0000	OK
60 minute winter	J12	34	186.952	0.143	37.3	0.1615	0.0000	OK
60 minute winter	J13	35	186.838	0.211	37.7	0.2387	0.0000	OK
60 minute winter	J14	35	186.816	0.194	38.5	0.2194	0.0000	OK
60 minute winter	J15	35	186.786	0.169	39.3	0.1908	0.0000	OK
60 minute winter	J16	35	186.739	0.134	40.2	0.1512	0.0000	OK
60 minute winter	J17	35	186.397	0.114	41.0	0.1293	0.0000	OK
60 minute winter	J18	128	186.364	0.239	48.8	0.2700	0.0000	OK
60 minute winter	J19	128	186.367	0.340	49.6	0.3846	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J5	1.005	J6	16.7	1.461	0.438	0.0646	
60 minute winter	J6	1.006	J7	17.6	1.445	0.617	0.0238	
60 minute winter	J7	1.007	J8	18.9	1.172	0.616	0.0183	
60 minute winter	J8	1.008	J9	19.2	1.171	0.216	0.1393	
60 minute winter	J9	1.009	J10	20.1	1.203	0.602	0.0201	
60 minute winter	J10	1.010	J11	20.9	1.322	0.162	0.0418	
60 minute winter	J11	1.011	S2	21.8	0.773	0.338	0.1601	
60 minute winter	J12	1.013	J13	37.3	1.468	0.556	0.1671	
60 minute winter	J13	1.014	J14	37.7	0.745	0.666	0.0959	
60 minute winter	J14	1.015	J15	38.5	0.865	0.684	0.0852	
60 minute winter	J15	1.016	J16	39.3	1.106	0.738	0.1823	
60 minute winter	J16	1.017	J17	40.2	1.513	0.282	0.0893	
60 minute winter	J17	1.018	S3	41.0	1.158	0.132	0.0672	
60 minute winter	J18	1.020	J19	48.8	1.106	0.170	0.0972	
60 minute winter	J19	1.021	S4	49.6	1.044	0.899	0.3096	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J20	125	186.359	0.328	10.3	0.3714	0.0000	SURCHARGED
60 minute winter	J21	124	186.359	0.350	11.1	0.3963	0.0000	SURCHARGED
60 minute winter	J22	126	186.359	0.396	11.8	0.4482	0.0000	SURCHARGED
60 minute winter	J23	124	186.359	0.417	12.3	0.4721	0.0000	SURCHARGED
60 minute winter	J24	125	186.359	0.542	21.8	0.6133	0.0000	SURCHARGED
60 minute winter	J25	125	186.361	0.565	22.7	0.6389	0.0000	SURCHARGED
60 minute winter	J26	122	186.362	0.582	23.5	0.6588	0.0000	SURCHARGED
60 minute winter	J27	124	186.365	0.629	33.2	0.7117	0.0000	SURCHARGED
60 minute winter	J28	37	186.752	0.396	8.3	0.4481	0.0000	SURCHARGED
60 minute winter	J29	37	186.550	0.279	9.0	0.3152	0.0000	SURCHARGED
60 minute winter	J30	35	186.332	0.185	18.4	0.2097	0.0000	SURCHARGED
60 minute winter	J31	35	186.184	0.140	19.3	0.1582	0.0000	OK
60 minute winter	J32	35	186.135	0.124	20.1	0.1401	0.0000	OK
60 minute winter	J33	34	185.619	0.084	29.4	0.0951	0.0000	OK
60 minute winter	J34	34	185.307	0.182	39.6	0.2059	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J20	23.002	J21	10.3	0.651	0.759	0.0665	
60 minute winter	J21	23.003	J22	11.0	0.668	0.821	0.1411	
60 minute winter	J22	23.004	J23	11.9	0.703	0.878	0.0633	
60 minute winter	J23	23.005	S18	12.3	0.812	0.922	0.1321	
60 minute winter	J24	23.007	J25	21.8	0.559	0.726	0.2458	
60 minute winter	J25	23.008	J26	22.7	0.579	0.751	0.1975	
60 minute winter	J26	23.009	S19	23.5	0.605	0.770	0.1474	
60 minute winter	J27	23.011	S4	33.2	1.025	1.112	0.0951	
60 minute winter	J28	32.001	J29	8.2	1.045	1.380	0.0691	
60 minute winter	J29	32.002	S12	9.1	1.169	1.541	0.0364	
60 minute winter	J30	32.004	J31	18.4	1.057	1.389	0.0828	
60 minute winter	J31	32.005	J32	19.3	0.797	0.641	0.2354	
60 minute winter	J32	32.006	S13	20.1	1.104	0.668	0.0980	
60 minute winter	J33	32.008	S14	29.4	1.193	0.282	0.2265	
60 minute winter	J34	32.010	J35	39.6	1.350	1.027	0.2621	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J35	34	185.205	0.130	40.4	0.1466	0.0000	OK
60 minute winter	J36	34	185.062	0.187	41.2	0.2119	0.0000	OK
60 minute winter	J37	34	184.688	0.188	51.9	0.2123	0.0000	OK
60 minute winter	J38	34	184.584	0.284	62.7	0.3212	0.0000	OK
60 minute winter	J39	34	184.523	0.249	63.5	0.2811	0.0000	OK
60 minute winter	J40	34	184.467	0.202	65.8	0.2279	0.0000	OK
60 minute winter	J41	52	184.623	0.026	0.9	0.0293	0.0000	OK
60 minute winter	J42	50	184.576	0.039	1.7	0.0437	0.0000	OK
60 minute winter	J43	36	184.545	0.165	8.9	0.1863	0.0000	SURCHARGED
60 minute winter	J44	36	184.534	0.164	9.6	0.1857	0.0000	SURCHARGED
60 minute winter	J45	36	184.499	0.179	10.4	0.2025	0.0000	SURCHARGED
60 minute winter	J46	36	184.474	0.252	17.5	0.2852	0.0000	SURCHARGED
60 minute winter	J47	36	184.464	0.257	18.3	0.2909	0.0000	SURCHARGED
60 minute winter	J48	36	184.443	0.249	25.5	0.2815	0.0000	SURCHARGED
60 minute winter	J49	36	184.414	0.245	26.3	0.2769	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J35	32.011	J36	40.4	1.352	0.454	0.2027	
60 minute winter	J36	32.012	S15	41.2	1.345	1.374	0.0721	
60 minute winter	J37	32.014	S16	51.9	1.347	0.941	0.2000	
60 minute winter	J38	32.016	J39	62.7	0.948	1.160	0.7107	
60 minute winter	J39	32.017	J40	63.4	1.119	1.160	0.2060	
60 minute winter	J40	32.018	S10	65.8	1.411	0.661	0.4458	
60 minute winter	J41	48.002	J42	0.9	0.493	0.147	0.0137	
60 minute winter	J42	48.003	S21	1.7	0.640	0.295	0.0425	
60 minute winter	J43	48.005	J44	8.8	0.627	0.629	0.0283	
60 minute winter	J44	48.006	J45	9.6	0.667	0.720	0.1545	
60 minute winter	J45	48.007	S22	10.7	0.734	0.786	0.0419	
60 minute winter	J46	48.009	J47	17.5	0.441	0.569	0.1676	
60 minute winter	J47	48.010	S23	18.4	0.462	0.609	0.1050	
60 minute winter	J48	48.012	J49	25.5	0.641	0.853	0.2962	
60 minute winter	J49	48.013	J50	26.3	0.662	0.858	0.0451	

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J50	36	184.400	0.235	27.1	0.2655	0.0000	SURCHARGED
60 minute winter	J51	36	184.374	0.226	28.0	0.2559	0.0000	SURCHARGED
60 minute winter	J52	36	184.358	0.214	28.8	0.2416	0.0000	OK
60 minute winter	J53	36	184.329	0.201	29.6	0.2279	0.0000	OK
60 minute winter	J54	37	185.347	0.218	8.1	0.2463	0.0000	SURCHARGED
60 minute winter	J55	38	185.255	0.161	8.6	0.1818	0.0000	SURCHARGED
60 minute winter	J56	35	184.256	0.249	46.0	0.2814	0.0000	OK
60 minute winter	J57	35	184.224	0.239	46.8	0.2706	0.0000	OK
60 minute winter	BASIN 1	125	186.359	1.434	93.1	192.9593	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.850	0.550	5.7	55.6903	0.0000	OK
60 minute winter	BASIN 3	300	183.112	0.012	89.9	192.8615	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	J50	48.014	J51	27.1	0.683	0.908	0.2017	
60 minute winter	J51	48.015	J52	28.0	0.708	0.913	0.0447	
60 minute winter	J52	48.016	J53	28.8	0.752	0.945	0.1865	
60 minute winter	J53	48.017	S24	29.6	0.872	0.983	0.3717	
60 minute winter	J54	65.002	J55	7.9	1.008	1.333	0.0285	
60 minute winter	J55	65.003	S24	8.6	1.101	1.132	0.0602	
60 minute winter	J56	48.019	J57	46.0	0.750	0.848	0.5575	
60 minute winter	J57	48.020	S25	46.9	0.811	0.859	0.3543	
60 minute winter	BASIN 1	1.023	S5	4.2	0.343	0.050	0.9418	
60 minute winter	BASIN 1	Infiltration		0.1				1.8
60 minute winter	BASIN 2	1.027	S7	3.7	0.570	0.045	0.1457	
60 minute winter	BASIN 2	71.000	BH1	3.2	0.771	0.544	0.1829	
60 minute winter	BASIN 2	Infiltration		0.0				0.0
60 minute winter	BASIN 3	1.034	BH2	0.0	0.097	0.000	0.0060	
60 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.95%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	BASIN 4	192	183.879	0.549	64.6	164.6402	0.0000	SURCHARGED
60 minute winter	SWALE 1	126	184.932	0.058	4.1	0.0824	0.0000	OK
60 minute winter	SWALE 2	300	184.429	0.054	3.7	0.0767	0.0000	OK
60 minute winter	SWALE 3	35	184.215	0.220	76.4	0.3145	0.0000	OK
60 minute winter	BH1	300	184.850	0.773	3.2	3.0437	0.0000	OK
60 minute winter	BH2	300	183.083	0.000	0.0	0.0152	0.0000	OK
60 minute winter	BH3	193	183.879	0.560	7.5	4.2206	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	BASIN 4	48.022	BH3	7.5	0.869	0.139	0.3211	
60 minute winter	BASIN 4	Infiltration		0.0				0.0
60 minute winter	SWALE 1	1.025	S6	4.1	0.400	0.050	0.3899	
60 minute winter	SWALE 2	1.029	S8	3.7	0.544	0.045	0.1791	
60 minute winter	SWALE 3	1.033	BASIN 3	76.4	1.197	0.611	2.7562	
60 minute winter	BH1	Infiltration		0.1				1.5
60 minute winter	BH2	Infiltration		0.0				0.0
60 minute winter	BH3	Infiltration		0.2				3.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	66	188.558	0.188	6.0	0.2826	0.0000	SURCHARGED
120 minute summer	S2	64	187.228	0.189	33.3	0.3378	0.0000	OK
120 minute summer	S3	160	186.535	0.398	45.6	0.5370	0.0000	SURCHARGED
120 minute summer	S4	160	186.535	1.157	81.1	1.5004	0.0000	SURCHARGED
120 minute summer	S5	162	186.534	1.624	4.4	2.3246	0.0000	SURCHARGED
120 minute summer	S6	304	184.867	0.059	4.4	0.0841	0.0000	OK
120 minute summer	S7	320	184.789	0.030	4.1	0.0433	0.0000	OK
120 minute summer	S8	322	184.363	0.032	4.1	0.0465	0.0000	OK
120 minute summer	S9	64	184.276	0.151	4.1	0.2166	0.0000	OK
120 minute summer	S10	64	184.276	0.163	68.9	0.3036	0.0000	OK
120 minute summer	S11	66	186.743	0.343	7.8	0.5544	0.0000	SURCHARGED
120 minute summer	S12	66	186.380	0.204	16.0	0.3087	0.0000	SURCHARGED
120 minute summer	S13	64	186.078	0.085	26.0	0.1295	0.0000	OK
120 minute summer	S14	64	185.352	0.177	35.6	0.2866	0.0000	OK
120 minute summer	S15	64	184.996	0.129	46.2	0.2078	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S1	1.000	J1	5.6	0.722	0.647	0.0642	
120 minute summer	S2	1.012	J12	33.2	1.028	1.113	0.0480	
120 minute summer	S3	1.019	J18	43.8	1.154	0.823	0.3613	
120 minute summer	S4	1.022	BASIN 1	80.3	1.369	0.479	1.1778	
120 minute summer	S5	1.024	SWALE 1	4.4	0.395	0.053	0.2259	
120 minute summer	S6	1.026	BASIN 2	4.4	0.484	0.051	0.0605	
120 minute summer	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1205	
120 minute summer	S8	1.030	S9	4.1	0.617	0.016	0.2501	
120 minute summer	S9	1.031	S10	4.1	0.653	0.049	0.2930	
120 minute summer	S10	1.032	SWALE 3	68.7	1.277	0.208	0.2345	
120 minute summer	S11	32.000	J28	7.1	0.910	1.197	0.0355	
120 minute summer	S12	32.003	J30	15.9	0.905	1.193	0.0895	
120 minute summer	S13	32.007	J33	25.9	1.997	0.265	0.1689	
120 minute summer	S14	32.009	J34	35.5	1.085	0.700	0.1716	
120 minute summer	S15	32.013	J37	46.1	2.140	0.500	0.2012	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.613	0.126	55.8	0.1975	0.0000	OK
120 minute summer	S17	160	186.535	0.385	8.6	0.6304	0.0000	SURCHARGED
120 minute summer	S18	160	186.535	0.711	19.2	1.0755	0.0000	SURCHARGED
120 minute summer	S19	160	186.535	0.769	29.4	1.1317	0.0000	SURCHARGED
120 minute summer	S20	84	184.669	0.027	0.9	0.0304	0.0000	OK
120 minute summer	S21	66	184.515	0.106	7.7	0.1421	0.0000	OK
120 minute summer	S22	66	184.451	0.220	15.8	0.2891	0.0000	OK
120 minute summer	S23	66	184.430	0.231	23.2	0.3019	0.0000	SURCHARGED
120 minute summer	S24	66	184.265	0.248	42.7	0.3306	0.0000	OK
120 minute summer	S25	66	184.181	0.211	49.8	0.2976	0.0000	OK
120 minute summer	S26	64	185.446	0.069	7.1	0.1046	0.0000	OK
120 minute summer	FC1	80	188.997	0.747	2.8	2.4765	0.0000	FLOOD RISK
120 minute summer	FC2	80	188.884	0.734	2.8	2.3929	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S16	32.015	J38	55.8	1.161	0.175	0.1076	
120 minute summer	S17	23.001	J20	8.5	1.082	1.428	0.0560	
120 minute summer	S18	23.006	J24	19.1	0.533	0.597	0.0729	
120 minute summer	S19	23.010	J27	29.3	0.828	0.978	0.3541	
120 minute summer	S20	48.001	J41	0.9	0.527	0.146	0.0076	
120 minute summer	S21	48.004	J43	7.7	0.576	0.575	0.0726	
120 minute summer	S22	48.008	J46	15.7	0.411	0.500	0.0964	
120 minute summer	S23	48.011	J48	23.1	0.581	0.749	0.0446	
120 minute summer	S24	48.018	J56	42.7	0.700	0.799	0.2589	
120 minute summer	S25	48.021	BASIN 4	49.8	1.045	0.935	0.1831	
120 minute summer	S26	65.001	J54	7.1	0.962	0.683	0.0580	
120 minute summer	FC1	2.000	J1	1.2	0.564	0.201	0.0372	
120 minute summer	FC1	Infiltration		0.0				0.0
120 minute summer	FC2	3.000	J2	0.9	0.524	0.151	0.0235	
120 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC3	84	188.939	0.739	3.9	3.9026	0.0000	FLOOD RISK
120 minute summer	FC4	76	188.880	0.680	2.1	1.4839	0.0000	SURCHARGED
120 minute summer	FC5	80	188.726	0.726	2.8	2.3938	0.0000	FLOOD RISK
120 minute summer	FC6	76	188.538	0.688	2.1	1.4784	0.0000	SURCHARGED
120 minute summer	FC7	76	188.437	0.687	2.1	1.4821	0.0000	SURCHARGED
120 minute summer	FC8	80	188.482	0.732	2.8	2.3806	0.0000	FLOOD RISK
120 minute summer	FC9	76	188.158	0.688	2.1	1.4850	0.0000	SURCHARGED
120 minute summer	FC10	84	188.233	0.763	3.9	3.8850	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC3	4.000	J3	0.9	0.551	0.137	0.0319	
120 minute summer	FC3	Infiltration		0.0				0.0
120 minute summer	FC4	5.000	J4	0.8	0.614	0.110	0.0123	
120 minute summer	FC4	Infiltration		0.0				0.0
120 minute summer	FC5	6.000	J5	0.8	0.521	0.143	0.0067	
120 minute summer	FC5	Infiltration		0.0				0.0
120 minute summer	FC6	7.000	J6	0.8	0.685	0.095	0.0199	
120 minute summer	FC6	Infiltration		0.0				0.0
120 minute summer	FC7	8.000	J7	0.8	0.595	0.116	0.0101	
120 minute summer	FC7	Infiltration		0.0				0.0
120 minute summer	FC8	9.000	J8	0.9	0.734	0.089	0.0049	
120 minute summer	FC8	Infiltration		0.0				0.0
120 minute summer	FC9	10.000	J9	0.8	0.524	0.138	0.0113	
120 minute summer	FC9	Infiltration		0.0				0.0
120 minute summer	FC10	11.000	J10	0.9	0.573	0.131	0.0094	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC11	80	188.063	0.743	2.8	2.3841	0.0000	FLOOD RISK
120 minute summer	FC12	80	187.975	0.745	2.8	2.3824	0.0000	FLOOD RISK
120 minute summer	FC13	80	187.741	0.741	2.8	2.3848	0.0000	FLOOD RISK
120 minute summer	FC14	88	187.185	0.285	2.8	3.6388	0.0000	SURCHARGED
120 minute summer	FC15	76	187.890	0.690	2.1	1.4709	0.0000	SURCHARGED
120 minute summer	FC16	76	187.590	0.690	2.1	1.4830	0.0000	SURCHARGED
120 minute summer	FC17	76	187.690	0.690	2.1	1.4738	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC10	Infiltration		0.0				0.0
120 minute summer	FC11	12.000	J11	0.9	0.528	0.145	0.0126	
120 minute summer	FC11	Infiltration		0.0				0.0
120 minute summer	FC12	13.000	S2	0.9	0.528	0.145	0.0234	
120 minute summer	FC12	Infiltration		0.0				0.0
120 minute summer	FC13	14.000	J12	0.9	0.529	0.144	0.0111	
120 minute summer	FC13	Infiltration		0.0				0.0
120 minute summer	FC14	15.000	J13	0.5	0.461	0.088	0.0085	
120 minute summer	FC14	Infiltration		0.0				0.0
120 minute summer	FC15	16.000	J14	0.8	1.114	0.048	0.0035	
120 minute summer	FC15	Infiltration		0.0				0.0
120 minute summer	FC16	17.000	J15	0.8	0.548	0.130	0.0114	
120 minute summer	FC16	Infiltration		0.0				0.0
120 minute summer	FC17	18.000	J16	0.8	0.869	0.068	0.0046	
120 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC18	76	187.242	0.692	2.1	1.4836	0.0000	SURCHARGED
120 minute summer	FC19	80	187.142	0.742	2.8	2.3845	0.0000	FLOOD RISK
120 minute summer	FC20	80	187.679	0.729	2.8	2.3749	0.0000	FLOOD RISK
120 minute summer	FC21	80	187.032	0.732	2.8	2.3900	0.0000	FLOOD RISK
120 minute summer	FC22	84	186.701	0.251	2.1	2.4292	0.0000	SURCHARGED
120 minute summer	FC23	76	186.988	0.688	2.1	1.4734	0.0000	SURCHARGED
120 minute summer	FC24	80	187.033	0.733	2.8	2.3740	0.0000	FLOOD RISK
120 minute summer	FC25	80	187.281	0.731	2.8	2.3740	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC18	19.000	J17	0.8	0.522	0.140	0.0146	
120 minute summer	FC18	Infiltration		0.0				0.0
120 minute summer	FC19	20.000	S3	1.0	0.526	0.168	0.0517	
120 minute summer	FC19	Infiltration		0.0				0.0
120 minute summer	FC20	21.000	J18	0.9	1.061	0.053	0.0035	
120 minute summer	FC20	Infiltration		0.0				0.0
120 minute summer	FC21	22.000	J19	1.0	0.526	0.162	0.0599	
120 minute summer	FC21	Infiltration		0.0				0.0
120 minute summer	FC22	23.000	S17	0.5	0.276	0.032	0.0356	
120 minute summer	FC22	Infiltration		0.0				0.0
120 minute summer	FC23	24.000	J20	0.8	0.768	0.062	0.0359	
120 minute summer	FC23	Infiltration		0.0				0.0
120 minute summer	FC24	25.000	J21	0.9	0.845	0.062	0.0363	
120 minute summer	FC24	Infiltration		0.0				0.0
120 minute summer	FC25	26.000	J22	0.9	1.054	0.054	0.0204	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC26	84	186.693	0.243	2.1	2.4519	0.0000	SURCHARGED
120 minute summer	FC27	76	187.184	0.684	2.1	1.4714	0.0000	SURCHARGED
120 minute summer	FC28	80	187.228	0.727	2.8	2.3759	0.0000	FLOOD RISK
120 minute summer	FC29	80	187.219	0.719	2.8	2.3810	0.0000	FLOOD RISK
120 minute summer	FC30	80	187.479	0.729	2.8	2.3764	0.0000	FLOOD RISK
120 minute summer	FC31	76	187.144	0.694	2.1	1.5636	0.0000	SURCHARGED
120 minute summer	FC32	76	187.139	0.689	2.1	1.4797	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC25	Infiltration		0.0				0.0
120 minute summer	FC26	27.000	J23	0.5	0.790	0.036	0.0344	
120 minute summer	FC26	Infiltration		0.0				0.0
120 minute summer	FC27	28.000	J24	0.8	1.181	0.038	0.0230	
120 minute summer	FC27	Infiltration		0.0				0.0
120 minute summer	FC28	29.000	J25	0.9	1.059	0.053	0.0223	
120 minute summer	FC28	Infiltration		0.0				0.0
120 minute summer	FC29	30.000	J26	0.8	1.028	0.055	0.0242	
120 minute summer	FC29	Infiltration		0.0				0.0
120 minute summer	FC30	31.000	J27	0.9	0.988	0.059	0.0059	
120 minute summer	FC30	Infiltration		0.0				0.0
120 minute summer	FC31	33.000	J28	1.3	0.474	0.139	0.0333	
120 minute summer	FC31	Infiltration		0.0				0.0
120 minute summer	FC32	34.000	J29	1.0	0.354	0.077	0.0236	
120 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC33	80	187.187	0.737	2.8	2.3714	0.0000	FLOOD RISK
120 minute summer	FC34	80	187.188	0.738	2.8	2.3859	0.0000	FLOOD RISK
120 minute summer	FC35	80	187.179	0.729	2.8	2.3765	0.0000	FLOOD RISK
120 minute summer	FC36	80	187.161	0.711	2.8	2.3851	0.0000	FLOOD RISK
120 minute summer	FC37	84	186.580	0.780	3.9	3.8664	0.0000	FLOOD RISK
120 minute summer	FC38	86	185.662	0.212	2.1	2.5433	0.0000	SURCHARGED
120 minute summer	FC39	76	186.128	0.678	2.1	1.4770	0.0000	SURCHARGED
120 minute summer	FC40	80	186.188	0.688	2.8	2.4105	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC33	35.000	S12	0.9	0.965	0.060	0.0179	
120 minute summer	FC33	Infiltration		0.0				0.0
120 minute summer	FC34	36.000	J30	0.9	0.540	0.138	0.0075	
120 minute summer	FC34	Infiltration		0.0				0.0
120 minute summer	FC35	37.000	J31	0.9	0.978	0.060	0.0045	
120 minute summer	FC35	Infiltration		0.0				0.0
120 minute summer	FC36	38.000	J32	0.8	1.022	0.055	0.0041	
120 minute summer	FC36	Infiltration		0.0				0.0
120 minute summer	FC37	39.000	J33	0.9	0.708	0.099	0.0082	
120 minute summer	FC37	Infiltration		0.0				0.0
120 minute summer	FC38	40.000	J34	0.5	0.743	0.036	0.0090	
120 minute summer	FC38	Infiltration		0.0				0.0
120 minute summer	FC39	41.000	J35	0.8	0.975	0.057	0.0037	
120 minute summer	FC39	Infiltration		0.0				0.0
120 minute summer	FC40	42.000	J36	0.8	1.197	0.043	0.0116	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC41	80	185.571	0.721	2.8	2.3850	0.0000	FLOOD RISK
120 minute summer	FC42	80	185.322	0.722	2.8	2.3879	0.0000	FLOOD RISK
120 minute summer	FC43	80	185.248	0.648	2.8	2.4260	0.0000	SURCHARGED
120 minute summer	FC44	64	184.632	0.032	2.1	0.0405	0.0000	OK
120 minute summer	FC45	76	185.286	0.686	2.1	1.4751	0.0000	SURCHARGED
120 minute summer	FC46	84	185.463	0.763	3.9	3.8880	0.0000	FLOOD RISK
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	80	185.532	0.732	2.8	2.3747	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC40	Infiltration		0.0				0.0
120 minute summer	FC41	43.000	J37	0.8	0.785	0.081	0.0054	
120 minute summer	FC41	Infiltration		0.0				0.0
120 minute summer	FC42	44.000	J38	0.8	0.683	0.098	0.0152	
120 minute summer	FC42	Infiltration		0.0				0.0
120 minute summer	FC43	45.000	J39	0.8	0.764	0.078	0.0066	
120 minute summer	FC43	Infiltration		0.0				0.0
120 minute summer	FC44	46.000	J40	2.1	1.013	0.197	0.0091	
120 minute summer	FC44	Infiltration		0.0				0.0
120 minute summer	FC45	47.000	S10	0.8	0.909	0.063	0.0042	
120 minute summer	FC45	Infiltration		0.0				0.0
120 minute summer	FC46	48.000	S20	0.9	0.516	0.146	0.0101	
120 minute summer	FC46	Infiltration		0.0				0.0
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0042	
120 minute summer	FC48	50.000	J42	0.9	0.683	0.061	0.0091	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC49	80	185.533	0.733	2.8	2.3896	0.0000	FLOOD RISK
120 minute summer	FC50	80	185.535	0.735	2.8	2.3886	0.0000	FLOOD RISK
120 minute summer	FC51	80	185.572	0.722	2.8	2.3956	0.0000	FLOOD RISK
120 minute summer	FC52	80	185.952	0.702	2.8	2.3964	0.0000	FLOOD RISK
120 minute summer	FC53	80	185.981	0.731	2.8	2.3820	0.0000	FLOOD RISK
120 minute summer	FC54	76	185.936	0.686	2.1	1.4771	0.0000	SURCHARGED
120 minute summer	FC55	76	185.933	0.683	2.1	1.4749	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC48	Infiltration		0.0				0.0
120 minute summer	FC49	51.000	S21	0.8	0.522	0.143	0.0071	
120 minute summer	FC49	Infiltration		0.0				0.0
120 minute summer	FC50	52.000	J43	0.9	0.523	0.144	0.0076	
120 minute summer	FC50	Infiltration		0.0				0.0
120 minute summer	FC51	55.000	S22	0.8	0.524	0.143	0.0099	
120 minute summer	FC51	Infiltration		0.0				0.0
120 minute summer	FC52	58.000	S23	0.8	0.762	0.083	0.0060	
120 minute summer	FC52	Infiltration		0.0				0.0
120 minute summer	FC53	61.000	J50	0.9	0.719	0.092	0.0051	
120 minute summer	FC53	Infiltration		0.0				0.0
120 minute summer	FC54	62.000	J51	0.8	0.790	0.077	0.0042	
120 minute summer	FC54	Infiltration		0.0				0.0
120 minute summer	FC55	64.000	J53	0.8	0.998	0.055	0.0034	
120 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC56	76	186.018	0.668	2.1	1.4798	0.0000	SURCHARGED
120 minute summer	FC57	76	186.020	0.670	2.1	1.4801	0.0000	SURCHARGED
120 minute summer	FC58	76	186.034	0.684	2.1	1.4750	0.0000	SURCHARGED
120 minute summer	FC59	76	186.039	0.689	2.1	1.4743	0.0000	SURCHARGED
120 minute summer	FC60	80	186.083	0.733	2.8	2.3767	0.0000	FLOOD RISK
120 minute summer	FC61	80	186.033	0.733	2.8	2.3816	0.0000	FLOOD RISK
120 minute summer	FC62	84	186.003	0.753	3.9	3.8887	0.0000	FLOOD RISK
120 minute summer	FC63	76	186.087	0.687	2.1	1.4920	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC56	53.000	J44	0.8	1.029	0.053	0.0052	
120 minute summer	FC56	Infiltration		0.0				0.0
120 minute summer	FC57	54.000	J45	0.8	0.965	0.058	0.0055	
120 minute summer	FC57	Infiltration		0.0				0.0
120 minute summer	FC58	56.000	J46	0.8	0.930	0.062	0.0055	
120 minute summer	FC58	Infiltration		0.0				0.0
120 minute summer	FC59	57.000	J47	0.8	0.863	0.069	0.0061	
120 minute summer	FC59	Infiltration		0.0				0.0
120 minute summer	FC60	59.000	J48	0.9	0.861	0.072	0.0065	
120 minute summer	FC60	Infiltration		0.0				0.0
120 minute summer	FC61	60.000	J49	0.9	0.691	0.099	0.0091	
120 minute summer	FC61	Infiltration		0.0				0.0
120 minute summer	FC62	63.000	J52	0.9	0.638	0.113	0.0127	
120 minute summer	FC62	Infiltration		0.0				0.0
120 minute summer	FC63	65.000	S26	0.9	0.489	0.150	0.0112	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC64	76	185.845	0.695	2.1	1.5617	0.0000	SURCHARGED
120 minute summer	FC65	80	185.890	0.740	2.8	2.3948	0.0000	FLOOD RISK
120 minute summer	FC66	80	185.738	0.738	2.8	2.3839	0.0000	FLOOD RISK
120 minute summer	FC67	84	185.041	0.241	2.1	2.4798	0.0000	SURCHARGED
120 minute summer	FC68	76	185.237	0.687	2.1	1.4799	0.0000	SURCHARGED
120 minute summer	J1	66	188.467	0.267	12.1	0.4018	0.0000	SURCHARGED
120 minute summer	J2	66	188.192	0.136	12.8	0.1541	0.0000	OK
120 minute summer	J3	66	188.164	0.114	13.6	0.1291	0.0000	OK
120 minute summer	J4	66	188.120	0.081	14.4	0.0917	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	FC63	Infiltration		0.0				0.0
120 minute summer	FC64	66.000	J54	1.1	0.317	0.181	0.0172	
120 minute summer	FC64	Infiltration		0.0				0.0
120 minute summer	FC65	67.000	J55	1.3	0.531	0.135	0.0158	
120 minute summer	FC65	Infiltration		0.0				0.0
120 minute summer	FC66	68.000	S24	0.9	0.586	0.119	0.0031	
120 minute summer	FC66	Infiltration		0.0				0.0
120 minute summer	FC67	69.000	J56	0.5	0.435	0.081	0.0023	
120 minute summer	FC67	Infiltration		0.0				0.0
120 minute summer	FC68	70.000	J57	0.8	0.681	0.092	0.0028	
120 minute summer	FC68	Infiltration		0.0				0.0
120 minute summer	J1	1.001	J2	12.0	1.534	1.446	0.0389	
120 minute summer	J2	1.002	J3	12.8	0.816	0.954	0.0162	
120 minute summer	J3	1.003	J4	13.6	1.125	1.027	0.0235	
120 minute summer	J4	1.004	J5	14.4	1.614	0.423	0.0316	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J5	66	187.981	0.071	15.3	0.0802	0.0000	OK
120 minute summer	J6	66	187.753	0.103	16.1	0.1170	0.0000	OK
120 minute summer	J7	66	187.637	0.112	16.9	0.1272	0.0000	OK
120 minute summer	J8	66	187.591	0.070	18.2	0.0794	0.0000	OK
120 minute summer	J9	66	187.391	0.116	18.5	0.1313	0.0000	OK
120 minute summer	J10	66	187.342	0.072	19.0	0.0816	0.0000	OK
120 minute summer	J11	66	187.234	0.113	20.1	0.1273	0.0000	OK
120 minute summer	J12	64	186.942	0.133	34.1	0.1509	0.0000	OK
120 minute summer	J13	64	186.827	0.200	34.4	0.2258	0.0000	OK
120 minute summer	J14	66	186.806	0.184	35.2	0.2080	0.0000	OK
120 minute summer	J15	66	186.777	0.160	36.0	0.1813	0.0000	OK
120 minute summer	J16	66	186.732	0.127	36.8	0.1436	0.0000	OK
120 minute summer	J17	160	186.535	0.252	37.6	0.2852	0.0000	OK
120 minute summer	J18	160	186.535	0.410	44.7	0.4637	0.0000	SURCHARGED
120 minute summer	J19	160	186.535	0.508	48.6	0.5744	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J5	1.005	J6	15.3	1.437	0.399	0.0600	
120 minute summer	J6	1.006	J7	16.1	1.417	0.565	0.0222	
120 minute summer	J7	1.007	J8	17.4	1.150	0.565	0.0171	
120 minute summer	J8	1.008	J9	17.7	1.139	0.199	0.1320	
120 minute summer	J9	1.009	J10	18.2	1.156	0.545	0.0190	
120 minute summer	J10	1.010	J11	19.3	1.316	0.149	0.0377	
120 minute summer	J11	1.011	S2	20.1	0.756	0.313	0.1483	
120 minute summer	J12	1.013	J13	34.0	1.462	0.508	0.1523	
120 minute summer	J13	1.014	J14	34.4	0.723	0.607	0.0901	
120 minute summer	J14	1.015	J15	35.1	0.841	0.624	0.0801	
120 minute summer	J15	1.016	J16	36.0	1.080	0.675	0.1708	
120 minute summer	J16	1.017	J17	36.8	1.481	0.258	0.0836	
120 minute summer	J17	1.018	S3	44.0	1.150	0.142	0.1260	
120 minute summer	J18	1.020	J19	47.7	1.084	0.166	0.1049	
120 minute summer	J19	1.021	S4	45.4	1.014	0.824	0.3096	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J20	160	186.535	0.504	9.3	0.5700	0.0000	SURCHARGED
120 minute summer	J21	160	186.535	0.526	10.0	0.5949	0.0000	SURCHARGED
120 minute summer	J22	160	186.535	0.572	10.8	0.6469	0.0000	SURCHARGED
120 minute summer	J23	160	186.535	0.593	11.3	0.6706	0.0000	SURCHARGED
120 minute summer	J24	160	186.535	0.718	19.9	0.8119	0.0000	SURCHARGED
120 minute summer	J25	160	186.535	0.739	20.6	0.8356	0.0000	SURCHARGED
120 minute summer	J26	160	186.535	0.756	21.5	0.8549	0.0000	SURCHARGED
120 minute summer	J27	160	186.535	0.799	30.1	0.9035	0.0000	SURCHARGED
120 minute summer	J28	68	186.661	0.305	7.5	0.3446	0.0000	SURCHARGED
120 minute summer	J29	68	186.496	0.225	8.2	0.2540	0.0000	SURCHARGED
120 minute summer	J30	66	186.315	0.168	16.8	0.1901	0.0000	SURCHARGED
120 minute summer	J31	66	186.176	0.132	17.6	0.1495	0.0000	OK
120 minute summer	J32	66	186.129	0.118	18.4	0.1333	0.0000	OK
120 minute summer	J33	64	185.614	0.079	26.8	0.0890	0.0000	OK
120 minute summer	J34	64	185.294	0.169	35.9	0.1911	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J20	23.002	J21	9.2	0.646	0.682	0.0665	
120 minute summer	J21	23.003	J22	10.0	0.664	0.746	0.1411	
120 minute summer	J22	23.004	J23	10.8	0.701	0.802	0.0633	
120 minute summer	J23	23.005	S18	11.3	0.781	0.844	0.1321	
120 minute summer	J24	23.007	J25	19.8	0.547	0.657	0.2458	
120 minute summer	J25	23.008	J26	20.7	0.561	0.684	0.1975	
120 minute summer	J26	23.009	S19	21.5	0.583	0.704	0.1474	
120 minute summer	J27	23.011	S4	30.0	0.985	1.006	0.0951	
120 minute summer	J28	32.001	J29	7.4	0.944	1.247	0.0691	
120 minute summer	J29	32.002	S12	8.3	1.067	1.406	0.0364	
120 minute summer	J30	32.004	J31	16.8	0.971	1.264	0.0813	
120 minute summer	J31	32.005	J32	17.6	0.777	0.586	0.2206	
120 minute summer	J32	32.006	S13	18.4	1.079	0.613	0.0916	
120 minute summer	J33	32.008	S14	26.7	1.180	0.257	0.2081	
120 minute summer	J34	32.010	J35	35.8	1.332	0.929	0.2411	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J35	64	185.195	0.120	36.6	0.1354	0.0000	OK
120 minute summer	J36	64	185.050	0.175	37.4	0.1978	0.0000	OK
120 minute summer	J37	64	184.677	0.177	47.0	0.1999	0.0000	OK
120 minute summer	J38	64	184.561	0.261	56.6	0.2951	0.0000	OK
120 minute summer	J39	64	184.504	0.230	57.3	0.2606	0.0000	OK
120 minute summer	J40	64	184.453	0.188	59.3	0.2123	0.0000	OK
120 minute summer	J41	84	184.623	0.026	0.9	0.0292	0.0000	OK
120 minute summer	J42	82	184.575	0.038	1.7	0.0434	0.0000	OK
120 minute summer	J43	66	184.501	0.121	8.5	0.1370	0.0000	OK
120 minute summer	J44	66	184.490	0.120	9.2	0.1353	0.0000	OK
120 minute summer	J45	66	184.466	0.146	9.9	0.1652	0.0000	OK
120 minute summer	J46	66	184.446	0.224	16.5	0.2528	0.0000	OK
120 minute summer	J47	66	184.437	0.230	17.3	0.2603	0.0000	SURCHARGED
120 minute summer	J48	66	184.419	0.225	23.9	0.2542	0.0000	OK
120 minute summer	J49	66	184.395	0.226	24.7	0.2558	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J35	32.011	J36	36.6	1.328	0.411	0.1875	
120 minute summer	J36	32.012	S15	37.3	1.316	1.244	0.0670	
120 minute summer	J37	32.014	S16	46.9	1.321	0.850	0.1849	
120 minute summer	J38	32.016	J39	56.5	0.915	1.046	0.6659	
120 minute summer	J39	32.017	J40	57.2	1.091	1.046	0.1909	
120 minute summer	J40	32.018	S10	59.2	1.378	0.594	0.4109	
120 minute summer	J41	48.002	J42	0.9	0.499	0.146	0.0136	
120 minute summer	J42	48.003	S21	1.7	0.638	0.292	0.0287	
120 minute summer	J43	48.005	J44	8.4	0.620	0.601	0.0243	
120 minute summer	J44	48.006	J45	9.1	0.656	0.679	0.1428	
120 minute summer	J45	48.007	S22	9.9	0.732	0.729	0.0416	
120 minute summer	J46	48.009	J47	16.5	0.414	0.534	0.1675	
120 minute summer	J47	48.010	S23	17.3	0.434	0.573	0.1050	
120 minute summer	J48	48.012	J49	23.8	0.600	0.797	0.2960	
120 minute summer	J49	48.013	J50	24.7	0.623	0.805	0.0449	

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J50	66	184.383	0.218	25.5	0.2461	0.0000	OK
120 minute summer	J51	66	184.361	0.213	26.3	0.2410	0.0000	OK
120 minute summer	J52	66	184.345	0.201	27.1	0.2269	0.0000	OK
120 minute summer	J53	66	184.316	0.189	28.0	0.2137	0.0000	OK
120 minute summer	J54	66	185.310	0.181	7.7	0.2042	0.0000	SURCHARGED
120 minute summer	J55	66	185.228	0.134	8.6	0.1513	0.0000	SURCHARGED
120 minute summer	J56	66	184.244	0.237	43.1	0.2682	0.0000	OK
120 minute summer	J57	66	184.214	0.229	43.9	0.2587	0.0000	OK
120 minute summer	BASIN 1	162	186.535	1.610	84.2	224.6502	0.0000	SURCHARGED
120 minute summer	BASIN 2	320	184.853	0.553	5.6	55.9653	0.0000	OK
120 minute summer	BASIN 3	360	183.222	0.122	80.4	237.7482	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	J50	48.014	J51	25.5	0.652	0.853	0.1986	
120 minute summer	J51	48.015	J52	26.3	0.688	0.858	0.0433	
120 minute summer	J52	48.016	J53	27.1	0.743	0.890	0.1779	
120 minute summer	J53	48.017	S24	28.0	0.872	0.927	0.3505	
120 minute summer	J54	65.002	J55	7.4	0.946	1.250	0.0285	
120 minute summer	J55	65.003	S24	8.1	1.039	1.065	0.0598	
120 minute summer	J56	48.019	J57	43.1	0.735	0.795	0.5333	
120 minute summer	J57	48.020	S25	44.0	0.795	0.806	0.3386	
120 minute summer	BASIN 1	1.023	S5	4.4	0.300	0.053	0.9418	
120 minute summer	BASIN 1	Infiltration		0.1				2.1
120 minute summer	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1554	
120 minute summer	BASIN 2	71.000	BH1	2.1	0.625	0.359	0.1829	
120 minute summer	BASIN 2	Infiltration		0.0				0.0
120 minute summer	BASIN 3	1.034	BH2	2.6	0.519	0.021	0.4403	
120 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	BASIN 4	234	183.976	0.646	59.5	195.9395	0.0000	SURCHARGED
120 minute summer	SWALE 1	162	184.933	0.059	4.4	0.0849	0.0000	OK
120 minute summer	SWALE 2	320	184.431	0.056	4.1	0.0802	0.0000	OK
120 minute summer	SWALE 3	64	184.200	0.205	68.7	0.2930	0.0000	OK
120 minute summer	BH1	320	184.853	0.776	2.1	3.0506	0.0000	OK
120 minute summer	BH2	360	183.222	0.139	2.6	2.2974	0.0000	OK
120 minute summer	BH3	234	183.976	0.657	3.2	4.6701	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	BASIN 4	48.022	BH3	3.2	0.661	0.059	0.3211	
120 minute summer	BASIN 4	Infiltration		0.0				0.0
120 minute summer	SWALE 1	1.025	S6	4.4	0.407	0.053	0.4068	
120 minute summer	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1912	
120 minute summer	SWALE 3	1.033	BASIN 3	68.4	1.162	0.548	2.5444	
120 minute summer	BH1	Infiltration		0.1				1.8
120 minute summer	BH2	Infiltration		0.2				2.5
120 minute summer	BH3	Infiltration		0.2				3.6

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.419	0.049	4.2	0.0736	0.0000	OK
120 minute winter	S2	66	187.205	0.166	26.9	0.2963	0.0000	OK
120 minute winter	S3	158	186.540	0.403	49.4	0.5431	0.0000	SURCHARGED
120 minute winter	S4	158	186.539	1.161	64.4	1.5062	0.0000	SURCHARGED
120 minute winter	S5	160	186.539	1.629	4.4	2.3310	0.0000	SURCHARGED
120 minute winter	S6	304	184.867	0.059	4.4	0.0841	0.0000	OK
120 minute winter	S7	320	184.789	0.030	4.1	0.0434	0.0000	OK
120 minute winter	S8	320	184.363	0.033	4.1	0.0465	0.0000	OK
120 minute winter	S9	66	184.247	0.122	4.1	0.1746	0.0000	OK
120 minute winter	S10	66	184.247	0.134	52.1	0.2491	0.0000	OK
120 minute winter	S11	66	186.552	0.152	5.4	0.2455	0.0000	SURCHARGED
120 minute winter	S12	66	186.321	0.145	12.8	0.2195	0.0000	OK
120 minute winter	S13	66	186.067	0.074	20.5	0.1136	0.0000	OK
120 minute winter	S14	66	185.320	0.145	27.3	0.2345	0.0000	OK
120 minute winter	S15	66	184.975	0.108	35.3	0.1746	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S1	1.000	J1	4.2	0.640	0.481	0.0477	
120 minute winter	S2	1.012	J12	26.9	0.948	0.900	0.0423	
120 minute winter	S3	1.019	J18	35.9	1.111	0.674	0.3613	
120 minute winter	S4	1.022	BASIN 1	63.9	1.417	0.381	1.1778	
120 minute winter	S5	1.024	SWALE 1	4.4	0.395	0.053	0.2262	
120 minute winter	S6	1.026	BASIN 2	4.4	0.484	0.051	0.0606	
120 minute winter	S7	1.028	SWALE 2	4.1	0.583	0.013	0.1205	
120 minute winter	S8	1.030	S9	4.1	0.617	0.016	0.1866	
120 minute winter	S9	1.031	S10	4.1	0.653	0.049	0.2218	
120 minute winter	S10	1.032	SWALE 3	52.0	1.224	0.158	0.1859	
120 minute winter	S11	32.000	J28	5.2	0.704	0.879	0.0355	
120 minute winter	S12	32.003	J30	12.8	0.747	0.956	0.0866	
120 minute winter	S13	32.007	J33	20.5	1.892	0.209	0.1409	
120 minute winter	S14	32.009	J34	27.3	1.022	0.539	0.1401	
120 minute winter	S15	32.013	J37	35.3	2.020	0.383	0.1633	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	64	184.594	0.107	42.2	0.1667	0.0000	OK
120 minute winter	S17	158	186.540	0.390	6.0	0.6378	0.0000	SURCHARGED
120 minute winter	S18	158	186.539	0.715	14.3	1.0823	0.0000	SURCHARGED
120 minute winter	S19	158	186.539	0.773	22.3	1.1383	0.0000	SURCHARGED
120 minute winter	S20	90	184.669	0.027	0.9	0.0303	0.0000	OK
120 minute winter	S21	64	184.494	0.085	6.1	0.1148	0.0000	OK
120 minute winter	S22	66	184.405	0.174	13.0	0.2283	0.0000	OK
120 minute winter	S23	66	184.388	0.190	19.0	0.2475	0.0000	OK
120 minute winter	S24	66	184.235	0.218	35.6	0.2910	0.0000	OK
120 minute winter	S25	66	184.159	0.189	41.1	0.2661	0.0000	OK
120 minute winter	S26	64	185.427	0.050	5.2	0.0757	0.0000	OK
120 minute winter	FC1	86	188.976	0.726	2.0	2.2059	0.0000	FLOOD RISK
120 minute winter	FC2	86	188.868	0.718	2.0	2.1710	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S16	32.015	J38	42.1	1.100	0.133	0.0880	
120 minute winter	S17	23.001	J20	6.0	0.827	1.008	0.0560	
120 minute winter	S18	23.006	J24	14.3	0.511	0.448	0.0729	
120 minute winter	S19	23.010	J27	22.3	0.755	0.743	0.3541	
120 minute winter	S20	48.001	J41	0.9	0.526	0.145	0.0076	
120 minute winter	S21	48.004	J43	6.1	0.551	0.459	0.0568	
120 minute winter	S22	48.008	J46	12.9	0.405	0.412	0.0810	
120 minute winter	S23	48.011	J48	18.9	0.539	0.614	0.0396	
120 minute winter	S24	48.018	J56	35.7	0.665	0.667	0.2277	
120 minute winter	S25	48.021	BASIN 4	41.1	0.978	0.771	0.1614	
120 minute winter	S26	65.001	J54	5.2	0.865	0.500	0.0499	
120 minute winter	FC1	2.000	J1	1.1	0.564	0.175	0.0372	
120 minute winter	FC1	Infiltration		0.0				0.0
120 minute winter	FC2	3.000	J2	0.8	0.522	0.141	0.0155	
120 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC3	90	188.933	0.733	2.7	3.7372	0.0000	FLOOD RISK
120 minute winter	FC4	80	188.861	0.661	1.5	1.2694	0.0000	SURCHARGED
120 minute winter	FC5	86	188.711	0.711	2.0	2.1779	0.0000	FLOOD RISK
120 minute winter	FC6	80	188.517	0.667	1.5	1.2637	0.0000	SURCHARGED
120 minute winter	FC7	80	188.417	0.667	1.5	1.2678	0.0000	SURCHARGED
120 minute winter	FC8	86	188.467	0.717	2.0	2.1625	0.0000	FLOOD RISK
120 minute winter	FC9	80	188.137	0.667	1.5	1.2712	0.0000	SURCHARGED
120 minute winter	FC10	88	188.225	0.755	2.7	3.7176	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC3	4.000	J3	0.8	0.550	0.136	0.0244	
120 minute winter	FC3	Infiltration		0.0				0.0
120 minute winter	FC4	5.000	J4	0.8	0.612	0.109	0.0097	
120 minute winter	FC4	Infiltration		0.0				0.0
120 minute winter	FC5	6.000	J5	0.8	0.519	0.141	0.0067	
120 minute winter	FC5	Infiltration		0.0				0.0
120 minute winter	FC6	7.000	J6	0.8	0.682	0.094	0.0150	
120 minute winter	FC6	Infiltration		0.0				0.0
120 minute winter	FC7	8.000	J7	0.8	0.592	0.114	0.0100	
120 minute winter	FC7	Infiltration		0.0				0.0
120 minute winter	FC8	9.000	J8	0.8	0.732	0.088	0.0048	
120 minute winter	FC8	Infiltration		0.0				0.0
120 minute winter	FC9	10.000	J9	0.8	0.522	0.136	0.0112	
120 minute winter	FC9	Infiltration		0.0				0.0
120 minute winter	FC10	11.000	J10	0.9	0.572	0.130	0.0094	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC11	86	188.046	0.726	2.0	2.1663	0.0000	FLOOD RISK
120 minute winter	FC12	86	187.958	0.728	2.0	2.1645	0.0000	FLOOD RISK
120 minute winter	FC13	86	187.725	0.725	2.0	2.1671	0.0000	FLOOD RISK
120 minute winter	FC14	92	187.182	0.282	2.0	3.6040	0.0000	SURCHARGED
120 minute winter	FC15	80	187.868	0.668	1.5	1.2549	0.0000	SURCHARGED
120 minute winter	FC16	80	187.568	0.668	1.5	1.2692	0.0000	SURCHARGED
120 minute winter	FC17	80	187.668	0.668	1.5	1.2587	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC10	Infiltration		0.0				0.0
120 minute winter	FC11	12.000	J11	0.8	0.526	0.143	0.0124	
120 minute winter	FC11	Infiltration		0.0				0.0
120 minute winter	FC12	13.000	S2	0.8	0.526	0.143	0.0155	
120 minute winter	FC12	Infiltration		0.0				0.0
120 minute winter	FC13	14.000	J12	0.8	0.527	0.142	0.0110	
120 minute winter	FC13	Infiltration		0.0				0.0
120 minute winter	FC14	15.000	J13	0.5	0.460	0.087	0.0085	
120 minute winter	FC14	Infiltration		0.0				0.0
120 minute winter	FC15	16.000	J14	0.8	1.109	0.047	0.0034	
120 minute winter	FC15	Infiltration		0.0				0.0
120 minute winter	FC16	17.000	J15	0.8	0.545	0.128	0.0113	
120 minute winter	FC16	Infiltration		0.0				0.0
120 minute winter	FC17	18.000	J16	0.8	0.865	0.067	0.0045	
120 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC18	80	187.220	0.670	1.5	1.2700	0.0000	SURCHARGED
120 minute winter	FC19	86	187.125	0.725	2.0	2.1670	0.0000	FLOOD RISK
120 minute winter	FC20	86	187.664	0.714	2.0	2.1556	0.0000	FLOOD RISK
120 minute winter	FC21	86	187.017	0.717	2.0	2.1731	0.0000	FLOOD RISK
120 minute winter	FC22	88	186.697	0.247	1.5	2.3965	0.0000	SURCHARGED
120 minute winter	FC23	80	186.967	0.667	1.5	1.2579	0.0000	SURCHARGED
120 minute winter	FC24	86	187.017	0.717	2.0	2.1547	0.0000	FLOOD RISK
120 minute winter	FC25	86	187.265	0.715	2.0	2.1546	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC18	19.000	J17	0.8	0.519	0.137	0.0162	
120 minute winter	FC18	Infiltration		0.0				0.0
120 minute winter	FC19	20.000	S3	1.3	0.524	0.224	0.0517	
120 minute winter	FC19	Infiltration		0.0				0.0
120 minute winter	FC20	21.000	J18	0.8	1.058	0.053	0.0035	
120 minute winter	FC20	Infiltration		0.0				0.0
120 minute winter	FC21	22.000	J19	0.9	0.525	0.150	0.0599	
120 minute winter	FC21	Infiltration		0.0				0.0
120 minute winter	FC22	23.000	S17	0.5	0.207	0.032	0.0363	
120 minute winter	FC22	Infiltration		0.0				0.0
120 minute winter	FC23	24.000	J20	0.8	0.777	0.061	0.0359	
120 minute winter	FC23	Infiltration		0.0				0.0
120 minute winter	FC24	25.000	J21	0.8	0.852	0.061	0.0363	
120 minute winter	FC24	Infiltration		0.0				0.0
120 minute winter	FC25	26.000	J22	0.8	1.051	0.053	0.0204	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC26	88	186.690	0.240	1.5	2.4218	0.0000	SURCHARGED
120 minute winter	FC27	80	187.164	0.664	1.5	1.2548	0.0000	SURCHARGED
120 minute winter	FC28	86	187.212	0.712	2.0	2.1568	0.0000	FLOOD RISK
120 minute winter	FC29	86	187.205	0.705	2.0	2.1629	0.0000	FLOOD RISK
120 minute winter	FC30	86	187.464	0.714	2.0	2.1572	0.0000	FLOOD RISK
120 minute winter	FC31	80	187.117	0.667	1.5	1.2753	0.0000	SURCHARGED
120 minute winter	FC32	80	187.117	0.667	1.5	1.2583	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC25	Infiltration		0.0				0.0
120 minute winter	FC26	27.000	J23	0.8	0.789	0.057	0.0351	
120 minute winter	FC26	Infiltration		0.0				0.0
120 minute winter	FC27	28.000	J24	0.8	1.216	0.038	0.0240	
120 minute winter	FC27	Infiltration		0.0				0.0
120 minute winter	FC28	29.000	J25	0.8	1.056	0.053	0.0233	
120 minute winter	FC28	Infiltration		0.0				0.0
120 minute winter	FC29	30.000	J26	0.8	1.025	0.055	0.0252	
120 minute winter	FC29	Infiltration		0.0				0.0
120 minute winter	FC30	31.000	J27	0.8	0.985	0.058	0.0069	
120 minute winter	FC30	Infiltration		0.0				0.0
120 minute winter	FC31	33.000	J28	0.9	0.462	0.105	0.0262	
120 minute winter	FC31	Infiltration		0.0				0.0
120 minute winter	FC32	34.000	J29	0.8	0.355	0.064	0.0181	
120 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC33	86	187.171	0.721	2.0	2.1516	0.0000	FLOOD RISK
120 minute winter	FC34	86	187.172	0.722	2.0	2.1688	0.0000	FLOOD RISK
120 minute winter	FC35	86	187.164	0.714	2.0	2.1574	0.0000	FLOOD RISK
120 minute winter	FC36	86	187.149	0.699	2.0	2.1676	0.0000	SURCHARGED
120 minute winter	FC37	88	186.571	0.771	2.7	3.6971	0.0000	FLOOD RISK
120 minute winter	FC38	90	185.660	0.210	1.5	2.5232	0.0000	SURCHARGED
120 minute winter	FC39	80	186.110	0.660	1.5	1.2608	0.0000	SURCHARGED
120 minute winter	FC40	86	186.173	0.673	2.0	2.2045	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC33	35.000	S12	0.8	0.964	0.060	0.0176	
120 minute winter	FC33	Infiltration		0.0				0.0
120 minute winter	FC34	36.000	J30	0.8	0.538	0.136	0.0075	
120 minute winter	FC34	Infiltration		0.0				0.0
120 minute winter	FC35	37.000	J31	0.8	0.975	0.059	0.0044	
120 minute winter	FC35	Infiltration		0.0				0.0
120 minute winter	FC36	38.000	J32	0.8	1.020	0.055	0.0041	
120 minute winter	FC36	Infiltration		0.0				0.0
120 minute winter	FC37	39.000	J33	0.9	0.707	0.099	0.0081	
120 minute winter	FC37	Infiltration		0.0				0.0
120 minute winter	FC38	40.000	J34	0.4	0.742	0.036	0.0034	
120 minute winter	FC38	Infiltration		0.0				0.0
120 minute winter	FC39	41.000	J35	0.8	0.971	0.056	0.0037	
120 minute winter	FC39	Infiltration		0.0				0.0
120 minute winter	FC40	42.000	J36	0.8	1.193	0.043	0.0054	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC41	86	185.557	0.707	2.0	2.1676	0.0000	FLOOD RISK
120 minute winter	FC42	86	185.308	0.708	2.0	2.1712	0.0000	FLOOD RISK
120 minute winter	FC43	86	185.244	0.644	2.0	2.2155	0.0000	SURCHARGED
120 minute winter	FC44	64	184.627	0.027	1.5	0.0337	0.0000	OK
120 minute winter	FC45	80	185.265	0.665	1.5	1.2594	0.0000	SURCHARGED
120 minute winter	FC46	88	185.455	0.755	2.7	3.7210	0.0000	FLOOD RISK
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	86	185.516	0.716	2.0	2.1553	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC40	Infiltration		0.0				0.0
120 minute winter	FC41	43.000	J37	0.8	0.783	0.080	0.0054	
120 minute winter	FC41	Infiltration		0.0				0.0
120 minute winter	FC42	44.000	J38	0.8	0.681	0.097	0.0061	
120 minute winter	FC42	Infiltration		0.0				0.0
120 minute winter	FC43	45.000	J39	0.8	0.763	0.077	0.0045	
120 minute winter	FC43	Infiltration		0.0				0.0
120 minute winter	FC44	46.000	J40	1.5	0.926	0.141	0.0071	
120 minute winter	FC44	Infiltration		0.0				0.0
120 minute winter	FC45	47.000	S10	0.8	0.905	0.062	0.0041	
120 minute winter	FC45	Infiltration		0.0				0.0
120 minute winter	FC46	48.000	S20	0.9	0.515	0.145	0.0101	
120 minute winter	FC46	Infiltration		0.0				0.0
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0042	
120 minute winter	FC48	50.000	J42	0.8	0.611	0.060	0.0090	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC49	86	185.518	0.718	2.0	2.1731	0.0000	FLOOD RISK
120 minute winter	FC50	86	185.519	0.719	2.0	2.1720	0.0000	FLOOD RISK
120 minute winter	FC51	86	185.558	0.708	2.0	2.1798	0.0000	FLOOD RISK
120 minute winter	FC52	86	185.941	0.691	2.0	2.1806	0.0000	SURCHARGED
120 minute winter	FC53	86	185.965	0.715	2.0	2.1640	0.0000	FLOOD RISK
120 minute winter	FC54	80	185.916	0.666	1.5	1.2618	0.0000	SURCHARGED
120 minute winter	FC55	80	185.913	0.663	1.5	1.2588	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC48	Infiltration		0.0				0.0
120 minute winter	FC49	51.000	S21	0.8	0.520	0.142	0.0070	
120 minute winter	FC49	Infiltration		0.0				0.0
120 minute winter	FC50	52.000	J43	0.8	0.521	0.142	0.0076	
120 minute winter	FC50	Infiltration		0.0				0.0
120 minute winter	FC51	55.000	S22	0.8	0.523	0.141	0.0098	
120 minute winter	FC51	Infiltration		0.0				0.0
120 minute winter	FC52	58.000	S23	0.8	0.760	0.082	0.0059	
120 minute winter	FC52	Infiltration		0.0				0.0
120 minute winter	FC53	61.000	J50	0.8	0.716	0.091	0.0050	
120 minute winter	FC53	Infiltration		0.0				0.0
120 minute winter	FC54	62.000	J51	0.8	0.787	0.075	0.0041	
120 minute winter	FC54	Infiltration		0.0				0.0
120 minute winter	FC55	64.000	J53	0.8	0.994	0.054	0.0034	
120 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC56	80	186.003	0.653	1.5	1.2630	0.0000	SURCHARGED
120 minute winter	FC57	80	186.004	0.654	1.5	1.2635	0.0000	SURCHARGED
120 minute winter	FC58	80	186.014	0.664	1.5	1.2594	0.0000	SURCHARGED
120 minute winter	FC59	80	186.017	0.667	1.5	1.2592	0.0000	SURCHARGED
120 minute winter	FC60	86	186.067	0.717	2.0	2.1578	0.0000	FLOOD RISK
120 minute winter	FC61	86	186.017	0.717	2.0	2.1636	0.0000	FLOOD RISK
120 minute winter	FC62	88	185.995	0.745	2.7	3.7215	0.0000	FLOOD RISK
120 minute winter	FC63	80	186.066	0.666	1.5	1.2723	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC56	53.000	J44	0.8	1.026	0.052	0.0052	
120 minute winter	FC56	Infiltration		0.0				0.0
120 minute winter	FC57	54.000	J45	0.8	0.962	0.057	0.0054	
120 minute winter	FC57	Infiltration		0.0				0.0
120 minute winter	FC58	56.000	J46	0.8	0.926	0.061	0.0054	
120 minute winter	FC58	Infiltration		0.0				0.0
120 minute winter	FC59	57.000	J47	0.8	0.859	0.068	0.0061	
120 minute winter	FC59	Infiltration		0.0				0.0
120 minute winter	FC60	59.000	J48	0.8	0.859	0.071	0.0065	
120 minute winter	FC60	Infiltration		0.0				0.0
120 minute winter	FC61	60.000	J49	0.8	0.688	0.098	0.0091	
120 minute winter	FC61	Infiltration		0.0				0.0
120 minute winter	FC62	63.000	J52	0.9	0.637	0.112	0.0127	
120 minute winter	FC62	Infiltration		0.0				0.0
120 minute winter	FC63	65.000	S26	0.8	0.501	0.137	0.0068	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC64	80	185.822	0.671	1.5	1.3219	0.0000	SURCHARGED
120 minute winter	FC65	86	185.872	0.722	2.0	2.1578	0.0000	FLOOD RISK
120 minute winter	FC66	86	185.722	0.722	2.0	2.1663	0.0000	FLOOD RISK
120 minute winter	FC67	88	185.038	0.238	1.5	2.4535	0.0000	SURCHARGED
120 minute winter	FC68	80	185.216	0.666	1.5	1.2652	0.0000	SURCHARGED
120 minute winter	J1	64	188.352	0.152	9.1	0.2291	0.0000	SURCHARGED
120 minute winter	J2	66	188.170	0.114	9.9	0.1291	0.0000	OK
120 minute winter	J3	66	188.148	0.098	10.7	0.1109	0.0000	OK
120 minute winter	J4	66	188.109	0.070	11.5	0.0792	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	FC63	Infiltration		0.0				0.0
120 minute winter	FC64	66.000	J54	0.8	0.320	0.140	0.0157	
120 minute winter	FC64	Infiltration		0.0				0.0
120 minute winter	FC65	67.000	J55	0.8	0.520	0.087	0.0088	
120 minute winter	FC65	Infiltration		0.0				0.0
120 minute winter	FC66	68.000	S24	0.8	0.584	0.117	0.0031	
120 minute winter	FC66	Infiltration		0.0				0.0
120 minute winter	FC67	69.000	J56	0.5	0.434	0.080	0.0023	
120 minute winter	FC67	Infiltration		0.0				0.0
120 minute winter	FC68	70.000	J57	0.8	0.678	0.090	0.0027	
120 minute winter	FC68	Infiltration		0.0				0.0
120 minute winter	J1	1.001	J2	9.1	1.160	1.094	0.0387	
120 minute winter	J2	1.002	J3	9.9	0.742	0.735	0.0138	
120 minute winter	J3	1.003	J4	10.7	1.055	0.806	0.0197	
120 minute winter	J4	1.004	J5	11.5	1.547	0.337	0.0263	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J5	66	187.972	0.062	12.3	0.0697	0.0000	OK
120 minute winter	J6	66	187.740	0.090	13.1	0.1019	0.0000	OK
120 minute winter	J7	66	187.626	0.101	13.9	0.1144	0.0000	OK
120 minute winter	J8	66	187.584	0.063	14.7	0.0710	0.0000	OK
120 minute winter	J9	66	187.380	0.105	15.5	0.1188	0.0000	OK
120 minute winter	J10	66	187.334	0.064	16.7	0.0725	0.0000	OK
120 minute winter	J11	66	187.216	0.095	17.1	0.1076	0.0000	OK
120 minute winter	J12	66	186.925	0.116	27.7	0.1308	0.0000	OK
120 minute winter	J13	66	186.805	0.178	28.1	0.2013	0.0000	OK
120 minute winter	J14	66	186.787	0.165	28.9	0.1862	0.0000	OK
120 minute winter	J15	66	186.761	0.144	29.7	0.1631	0.0000	OK
120 minute winter	J16	66	186.719	0.114	30.5	0.1287	0.0000	OK
120 minute winter	J17	158	186.540	0.257	31.3	0.2903	0.0000	OK
120 minute winter	J18	158	186.540	0.414	36.7	0.4688	0.0000	SURCHARGED
120 minute winter	J19	158	186.539	0.512	42.1	0.5795	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J5	1.005	J6	12.3	1.378	0.322	0.0507	
120 minute winter	J6	1.006	J7	13.1	1.356	0.461	0.0190	
120 minute winter	J7	1.007	J8	13.9	1.067	0.453	0.0149	
120 minute winter	J8	1.008	J9	14.7	1.092	0.165	0.1150	
120 minute winter	J9	1.009	J10	15.8	1.164	0.475	0.0165	
120 minute winter	J10	1.010	J11	16.3	1.309	0.127	0.0309	
120 minute winter	J11	1.011	S2	17.1	0.734	0.266	0.1268	
120 minute winter	J12	1.013	J13	27.7	1.455	0.413	0.1237	
120 minute winter	J13	1.014	J14	28.1	0.677	0.496	0.0788	
120 minute winter	J14	1.015	J15	28.9	0.792	0.513	0.0700	
120 minute winter	J15	1.016	J16	29.7	1.026	0.557	0.1485	
120 minute winter	J16	1.017	J17	30.5	1.415	0.214	0.0726	
120 minute winter	J17	1.018	S3	47.5	1.129	0.153	0.1269	
120 minute winter	J18	1.020	J19	41.2	1.036	0.144	0.1049	
120 minute winter	J19	1.021	S4	37.6	0.952	0.681	0.3096	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J20	158	186.540	0.508	6.8	0.5751	0.0000	SURCHARGED
120 minute winter	J21	158	186.540	0.530	7.6	0.6000	0.0000	SURCHARGED
120 minute winter	J22	158	186.540	0.576	8.4	0.6520	0.0000	SURCHARGED
120 minute winter	J23	158	186.539	0.597	8.8	0.6757	0.0000	SURCHARGED
120 minute winter	J24	158	186.539	0.722	15.1	0.8170	0.0000	SURCHARGED
120 minute winter	J25	158	186.539	0.743	15.9	0.8407	0.0000	SURCHARGED
120 minute winter	J26	158	186.539	0.760	16.7	0.8599	0.0000	SURCHARGED
120 minute winter	J27	158	186.539	0.803	23.1	0.9085	0.0000	SURCHARGED
120 minute winter	J28	68	186.505	0.149	6.0	0.1688	0.0000	SURCHARGED
120 minute winter	J29	68	186.399	0.128	6.7	0.1448	0.0000	SURCHARGED
120 minute winter	J30	66	186.282	0.135	13.6	0.1523	0.0000	OK
120 minute winter	J31	66	186.161	0.117	14.4	0.1324	0.0000	OK
120 minute winter	J32	66	186.117	0.106	15.2	0.1197	0.0000	OK
120 minute winter	J33	66	185.604	0.069	21.3	0.0779	0.0000	OK
120 minute winter	J34	66	185.268	0.142	27.7	0.1611	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J20	23.002	J21	6.8	0.613	0.501	0.0665	
120 minute winter	J21	23.003	J22	7.6	0.638	0.565	0.1411	
120 minute winter	J22	23.004	J23	8.4	0.684	0.621	0.0633	
120 minute winter	J23	23.005	S18	8.8	0.785	0.657	0.1321	
120 minute winter	J24	23.007	J25	15.1	0.526	0.502	0.2458	
120 minute winter	J25	23.008	J26	15.9	0.531	0.527	0.1975	
120 minute winter	J26	23.009	S19	16.8	0.550	0.548	0.1474	
120 minute winter	J27	23.011	S4	23.1	0.897	0.773	0.0951	
120 minute winter	J28	32.001	J29	5.9	0.757	1.000	0.0691	
120 minute winter	J29	32.002	S12	6.7	0.862	1.136	0.0361	
120 minute winter	J30	32.004	J31	13.6	0.889	1.024	0.0753	
120 minute winter	J31	32.005	J32	14.4	0.734	0.479	0.1910	
120 minute winter	J32	32.006	S13	15.2	1.030	0.505	0.0788	
120 minute winter	J33	32.008	S14	21.3	1.152	0.205	0.1691	
120 minute winter	J34	32.010	J35	27.7	1.274	0.719	0.1959	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J35	66	185.175	0.100	28.5	0.1126	0.0000	OK
120 minute winter	J36	66	185.024	0.149	29.3	0.1688	0.0000	OK
120 minute winter	J37	66	184.652	0.152	36.1	0.1720	0.0000	OK
120 minute winter	J38	66	184.514	0.214	43.0	0.2423	0.0000	OK
120 minute winter	J39	66	184.466	0.192	43.8	0.2173	0.0000	OK
120 minute winter	J40	66	184.423	0.158	45.2	0.1787	0.0000	OK
120 minute winter	J41	90	184.623	0.026	0.9	0.0291	0.0000	OK
120 minute winter	J42	88	184.575	0.038	1.7	0.0432	0.0000	OK
120 minute winter	J43	64	184.476	0.096	6.9	0.1089	0.0000	OK
120 minute winter	J44	64	184.461	0.091	7.7	0.1030	0.0000	OK
120 minute winter	J45	66	184.426	0.106	8.5	0.1199	0.0000	OK
120 minute winter	J46	66	184.400	0.178	13.7	0.2012	0.0000	OK
120 minute winter	J47	66	184.394	0.187	14.5	0.2112	0.0000	OK
120 minute winter	J48	66	184.378	0.184	19.8	0.2084	0.0000	OK
120 minute winter	J49	66	184.362	0.193	20.6	0.2179	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J35	32.011	J36	28.5	1.267	0.320	0.1542	
120 minute winter	J36	32.012	S15	29.3	1.250	0.977	0.0554	
120 minute winter	J37	32.014	S16	36.1	1.244	0.654	0.1509	
120 minute winter	J38	32.016	J39	43.0	0.846	0.795	0.5489	
120 minute winter	J39	32.017	J40	43.8	1.026	0.800	0.1558	
120 minute winter	J40	32.018	S10	45.2	1.294	0.454	0.3342	
120 minute winter	J41	48.002	J42	0.9	0.499	0.145	0.0135	
120 minute winter	J42	48.003	S21	1.7	0.637	0.290	0.0219	
120 minute winter	J43	48.005	J44	6.9	0.601	0.496	0.0186	
120 minute winter	J44	48.006	J45	7.7	0.654	0.577	0.1074	
120 minute winter	J45	48.007	S22	8.5	0.736	0.625	0.0305	
120 minute winter	J46	48.009	J47	13.7	0.400	0.445	0.1452	
120 minute winter	J47	48.010	S23	14.5	0.409	0.481	0.0937	
120 minute winter	J48	48.012	J49	19.7	0.557	0.660	0.2645	
120 minute winter	J49	48.013	J50	20.6	0.578	0.671	0.0404	

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J50	66	184.350	0.185	21.4	0.2096	0.0000	OK
120 minute winter	J51	66	184.332	0.184	22.2	0.2085	0.0000	OK
120 minute winter	J52	66	184.316	0.172	23.0	0.1950	0.0000	OK
120 minute winter	J53	66	184.289	0.162	23.8	0.1828	0.0000	OK
120 minute winter	J54	64	185.227	0.098	5.9	0.1106	0.0000	OK
120 minute winter	J55	66	185.175	0.080	6.5	0.0910	0.0000	OK
120 minute winter	J56	66	184.216	0.209	36.1	0.2365	0.0000	OK
120 minute winter	J57	66	184.189	0.203	36.8	0.2301	0.0000	OK
120 minute winter	BASIN 1	160	186.539	1.614	66.5	225.4814	0.0000	SURCHARGED
120 minute winter	BASIN 2	320	184.853	0.553	4.9	55.9686	0.0000	OK
120 minute winter	BASIN 3	360	183.224	0.124	60.5	238.5889	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	J50	48.014	J51	21.4	0.612	0.715	0.1771	
120 minute winter	J51	48.015	J52	22.2	0.657	0.723	0.0383	
120 minute winter	J52	48.016	J53	23.0	0.728	0.754	0.1540	
120 minute winter	J53	48.017	S24	23.8	0.868	0.788	0.2931	
120 minute winter	J54	65.002	J55	5.9	0.807	0.995	0.0264	
120 minute winter	J55	65.003	S24	6.8	1.046	0.888	0.0507	
120 minute winter	J56	48.019	J57	36.1	0.698	0.665	0.4693	
120 minute winter	J57	48.020	S25	36.8	0.754	0.674	0.2985	
120 minute winter	BASIN 1	1.023	S5	4.4	0.308	0.053	0.9418	
120 minute winter	BASIN 1	Infiltration		0.1				2.1
120 minute winter	BASIN 2	1.027	S7	4.1	0.588	0.049	0.1555	
120 minute winter	BASIN 2	71.000	BH1	2.1	0.637	0.364	0.1829	
120 minute winter	BASIN 2	Infiltration		0.0				0.0
120 minute winter	BASIN 3	1.034	BH2	2.7	0.523	0.022	0.4500	
120 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	BASIN 4	234	183.979	0.649	47.8	196.9334	0.0000	SURCHARGED
120 minute winter	SWALE 1	160	184.933	0.059	4.4	0.0849	0.0000	OK
120 minute winter	SWALE 2	320	184.431	0.056	4.1	0.0802	0.0000	OK
120 minute winter	SWALE 3	66	184.169	0.174	52.0	0.2488	0.0000	OK
120 minute winter	BH1	320	184.853	0.776	2.1	3.0506	0.0000	OK
120 minute winter	BH2	360	183.224	0.141	2.7	2.3076	0.0000	OK
120 minute winter	BH3	234	183.979	0.660	3.5	4.6842	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	BASIN 4	48.022	BH3	3.5	0.686	0.065	0.3211	
120 minute winter	BASIN 4	Infiltration		0.0				0.0
120 minute winter	SWALE 1	1.025	S6	4.4	0.408	0.053	0.4072	
120 minute winter	SWALE 2	1.029	S8	4.1	0.561	0.049	0.1913	
120 minute winter	SWALE 3	1.033	BASIN 3	52.1	1.076	0.417	2.0910	
120 minute winter	BH1	Infiltration		0.1				1.7
120 minute winter	BH2	Infiltration		0.2				2.5
120 minute winter	BH3	Infiltration		0.2				3.6

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.426	0.056	4.5	0.0841	0.0000	OK
180 minute summer	S2	96	187.209	0.170	28.2	0.3050	0.0000	OK
180 minute summer	S3	196	186.645	0.508	37.5	0.6851	0.0000	SURCHARGED
180 minute summer	S4	196	186.645	1.267	65.7	1.6427	0.0000	SURCHARGED
180 minute summer	S5	196	186.644	1.734	4.6	2.4815	0.0000	SURCHARGED
180 minute summer	S6	316	184.868	0.060	4.5	0.0861	0.0000	OK
180 minute summer	S7	332	184.790	0.031	4.3	0.0443	0.0000	OK
180 minute summer	S8	332	184.363	0.033	4.3	0.0476	0.0000	OK
180 minute summer	S9	96	184.253	0.128	4.3	0.1825	0.0000	OK
180 minute summer	S10	96	184.253	0.140	55.2	0.2594	0.0000	OK
180 minute summer	S11	96	186.576	0.176	5.8	0.2845	0.0000	SURCHARGED
180 minute summer	S12	96	186.329	0.153	13.4	0.2312	0.0000	SURCHARGED
180 minute summer	S13	96	186.069	0.076	21.5	0.1167	0.0000	OK
180 minute summer	S14	96	185.326	0.151	28.9	0.2438	0.0000	OK
180 minute summer	S15	96	184.979	0.112	37.4	0.1809	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S1	1.000	J1	4.5	0.662	0.513	0.0506	
180 minute summer	S2	1.012	J12	28.2	0.964	0.944	0.0435	
180 minute summer	S3	1.019	J18	37.5	1.120	0.704	0.3613	
180 minute summer	S4	1.022	BASIN 1	65.1	1.274	0.389	1.1778	
180 minute summer	S5	1.024	SWALE 1	4.5	0.400	0.054	0.2315	
180 minute summer	S6	1.026	BASIN 2	4.5	0.487	0.052	0.0626	
180 minute summer	S7	1.028	SWALE 2	4.3	0.591	0.014	0.1243	
180 minute summer	S8	1.030	S9	4.3	0.626	0.016	0.1984	
180 minute summer	S9	1.031	S10	4.3	0.662	0.051	0.2351	
180 minute summer	S10	1.032	SWALE 3	55.1	1.235	0.167	0.1950	
180 minute summer	S11	32.000	J28	5.6	0.714	0.939	0.0355	
180 minute summer	S12	32.003	J30	13.3	0.763	0.998	0.0882	
180 minute summer	S13	32.007	J33	21.5	1.917	0.219	0.1458	
180 minute summer	S14	32.009	J34	28.9	1.036	0.569	0.1461	
180 minute summer	S15	32.013	J37	37.3	2.045	0.404	0.1705	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.597	0.110	44.7	0.1726	0.0000	OK
180 minute summer	S17	196	186.645	0.495	6.5	0.8095	0.0000	SURCHARGED
180 minute summer	S18	196	186.645	0.820	15.4	1.2414	0.0000	SURCHARGED
180 minute summer	S19	196	186.645	0.879	22.8	1.2932	0.0000	SURCHARGED
180 minute summer	S20	120	184.669	0.027	0.9	0.0303	0.0000	OK
180 minute summer	S21	96	184.498	0.088	6.4	0.1192	0.0000	OK
180 minute summer	S22	96	184.413	0.182	13.6	0.2384	0.0000	OK
180 minute summer	S23	96	184.395	0.197	19.9	0.2570	0.0000	OK
180 minute summer	S24	96	184.241	0.224	37.0	0.2991	0.0000	OK
180 minute summer	S25	96	184.164	0.194	43.2	0.2735	0.0000	OK
180 minute summer	S26	96	185.429	0.052	5.6	0.0791	0.0000	OK
180 minute summer	FC1	112	188.971	0.721	2.1	2.1403	0.0000	FLOOD RISK
180 minute summer	FC2	112	188.863	0.713	2.1	2.0996	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	S16	32.015	J38	44.7	1.113	0.141	0.0919	
180 minute summer	S17	23.001	J20	6.5	0.841	1.096	0.0560	
180 minute summer	S18	23.006	J24	15.2	0.517	0.476	0.0729	
180 minute summer	S19	23.010	J27	22.4	0.758	0.748	0.3541	
180 minute summer	S20	48.001	J41	0.9	0.526	0.144	0.0076	
180 minute summer	S21	48.004	J43	6.4	0.559	0.482	0.0592	
180 minute summer	S22	48.008	J46	13.6	0.403	0.431	0.0844	
180 minute summer	S23	48.011	J48	19.9	0.546	0.644	0.0409	
180 minute summer	S24	48.018	J56	37.1	0.671	0.693	0.2345	
180 minute summer	S25	48.021	BASIN 4	43.1	0.994	0.808	0.1666	
180 minute summer	S26	65.001	J54	5.6	0.871	0.539	0.0510	
180 minute summer	FC1	2.000	J1	1.1	0.426	0.177	0.0372	
180 minute summer	FC1	Infiltration		0.0				0.0
180 minute summer	FC2	3.000	J2	0.8	0.521	0.141	0.0164	
180 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC3	120	188.927	0.727	2.9	3.5850	0.0000	FLOOD RISK
180 minute summer	FC4	108	188.859	0.659	1.6	1.2462	0.0000	SURCHARGED
180 minute summer	FC5	112	188.707	0.706	2.1	2.1050	0.0000	FLOOD RISK
180 minute summer	FC6	108	188.515	0.665	1.6	1.2414	0.0000	SURCHARGED
180 minute summer	FC7	108	188.414	0.664	1.6	1.2451	0.0000	SURCHARGED
180 minute summer	FC8	112	188.462	0.711	2.1	2.0917	0.0000	FLOOD RISK
180 minute summer	FC9	108	188.135	0.665	1.6	1.2482	0.0000	SURCHARGED
180 minute summer	FC10	120	188.218	0.748	2.9	3.5653	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC3	4.000	J3	0.8	0.549	0.136	0.0258	
180 minute summer	FC3	Infiltration		0.0				0.0
180 minute summer	FC4	5.000	J4	0.8	0.612	0.108	0.0097	
180 minute summer	FC4	Infiltration		0.0				0.0
180 minute summer	FC5	6.000	J5	0.8	0.519	0.141	0.0067	
180 minute summer	FC5	Infiltration		0.0				0.0
180 minute summer	FC6	7.000	J6	0.8	0.682	0.093	0.0158	
180 minute summer	FC6	Infiltration		0.0				0.0
180 minute summer	FC7	8.000	J7	0.8	0.592	0.114	0.0099	
180 minute summer	FC7	Infiltration		0.0				0.0
180 minute summer	FC8	9.000	J8	0.8	0.731	0.088	0.0048	
180 minute summer	FC8	Infiltration		0.0				0.0
180 minute summer	FC9	10.000	J9	0.8	0.522	0.136	0.0112	
180 minute summer	FC9	Infiltration		0.0				0.0
180 minute summer	FC10	11.000	J10	0.9	0.572	0.130	0.0094	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC11	112	188.040	0.720	2.1	2.0963	0.0000	FLOOD RISK
180 minute summer	FC12	112	187.952	0.722	2.1	2.0948	0.0000	FLOOD RISK
180 minute summer	FC13	112	187.719	0.719	2.1	2.0969	0.0000	FLOOD RISK
180 minute summer	FC14	124	187.181	0.281	2.1	3.5838	0.0000	SURCHARGED
180 minute summer	FC15	108	187.866	0.666	1.6	1.2337	0.0000	SURCHARGED
180 minute summer	FC16	108	187.566	0.666	1.6	1.2465	0.0000	SURCHARGED
180 minute summer	FC17	108	187.666	0.666	1.6	1.2370	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC10	Infiltration		0.0				0.0
180 minute summer	FC11	12.000	J11	0.8	0.526	0.143	0.0124	
180 minute summer	FC11	Infiltration		0.0				0.0
180 minute summer	FC12	13.000	S2	0.8	0.525	0.143	0.0172	
180 minute summer	FC12	Infiltration		0.0				0.0
180 minute summer	FC13	14.000	J12	0.8	0.526	0.142	0.0109	
180 minute summer	FC13	Infiltration		0.0				0.0
180 minute summer	FC14	15.000	J13	0.5	0.459	0.087	0.0085	
180 minute summer	FC14	Infiltration		0.0				0.0
180 minute summer	FC15	16.000	J14	0.8	1.108	0.047	0.0034	
180 minute summer	FC15	Infiltration		0.0				0.0
180 minute summer	FC16	17.000	J15	0.8	0.545	0.128	0.0113	
180 minute summer	FC16	Infiltration		0.0				0.0
180 minute summer	FC17	18.000	J16	0.8	0.865	0.066	0.0045	
180 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC18	108	187.217	0.667	1.6	1.2473	0.0000	SURCHARGED
180 minute summer	FC19	112	187.120	0.720	2.1	2.0968	0.0000	FLOOD RISK
180 minute summer	FC20	112	187.659	0.709	2.1	2.0852	0.0000	FLOOD RISK
180 minute summer	FC21	112	187.012	0.712	2.1	2.1013	0.0000	FLOOD RISK
180 minute summer	FC22	120	186.695	0.245	1.6	2.3746	0.0000	SURCHARGED
180 minute summer	FC23	108	186.964	0.664	1.6	1.2363	0.0000	SURCHARGED
180 minute summer	FC24	112	187.012	0.712	2.1	2.0849	0.0000	FLOOD RISK
180 minute summer	FC25	112	187.260	0.710	2.1	2.0845	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC18	19.000	J17	0.8	0.519	0.137	0.0543	
180 minute summer	FC18	Infiltration		0.0				0.0
180 minute summer	FC19	20.000	S3	0.9	0.524	0.147	0.0517	
180 minute summer	FC19	Infiltration		0.0				0.0
180 minute summer	FC20	21.000	J18	0.8	1.057	0.052	0.0034	
180 minute summer	FC20	Infiltration		0.0				0.0
180 minute summer	FC21	22.000	J19	0.9	0.524	0.145	0.0599	
180 minute summer	FC21	Infiltration		0.0				0.0
180 minute summer	FC22	23.000	S17	0.5	0.174	0.032	0.0373	
180 minute summer	FC22	Infiltration		0.0				0.0
180 minute summer	FC23	24.000	J20	0.8	0.777	0.061	0.0359	
180 minute summer	FC23	Infiltration		0.0				0.0
180 minute summer	FC24	25.000	J21	0.8	0.852	0.061	0.0363	
180 minute summer	FC24	Infiltration		0.0				0.0
180 minute summer	FC25	26.000	J22	0.8	1.050	0.053	0.0367	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC26	120	186.688	0.238	1.6	2.4025	0.0000	SURCHARGED
180 minute summer	FC27	108	187.162	0.662	1.6	1.2333	0.0000	SURCHARGED
180 minute summer	FC28	112	187.208	0.707	2.1	2.0860	0.0000	FLOOD RISK
180 minute summer	FC29	112	187.200	0.700	2.1	2.0908	0.0000	FLOOD RISK
180 minute summer	FC30	112	187.459	0.709	2.1	2.0866	0.0000	FLOOD RISK
180 minute summer	FC31	108	187.115	0.665	1.6	1.2604	0.0000	SURCHARGED
180 minute summer	FC32	108	187.115	0.665	1.6	1.2366	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC25	Infiltration		0.0				0.0
180 minute summer	FC26	27.000	J23	0.5	0.785	0.037	0.0361	
180 minute summer	FC26	Infiltration		0.0				0.0
180 minute summer	FC27	28.000	J24	0.8	1.215	0.038	0.0352	
180 minute summer	FC27	Infiltration		0.0				0.0
180 minute summer	FC28	29.000	J25	0.8	1.055	0.053	0.0341	
180 minute summer	FC28	Infiltration		0.0				0.0
180 minute summer	FC29	30.000	J26	0.8	1.024	0.054	0.0369	
180 minute summer	FC29	Infiltration		0.0				0.0
180 minute summer	FC30	31.000	J27	0.8	0.984	0.058	0.0187	
180 minute summer	FC30	Infiltration		0.0				0.0
180 minute summer	FC31	33.000	J28	1.0	0.415	0.112	0.0296	
180 minute summer	FC31	Infiltration		0.0				0.0
180 minute summer	FC32	34.000	J29	0.8	0.343	0.064	0.0181	
180 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC33	112	187.165	0.715	2.1	2.0824	0.0000	FLOOD RISK
180 minute summer	FC34	112	187.166	0.716	2.1	2.0981	0.0000	FLOOD RISK
180 minute summer	FC35	112	187.159	0.709	2.1	2.0868	0.0000	FLOOD RISK
180 minute summer	FC36	112	187.144	0.694	2.1	2.0942	0.0000	SURCHARGED
180 minute summer	FC37	120	186.563	0.763	2.9	3.5442	0.0000	FLOOD RISK
180 minute summer	FC38	120	185.660	0.210	1.6	2.5165	0.0000	SURCHARGED
180 minute summer	FC39	108	186.108	0.658	1.6	1.2384	0.0000	SURCHARGED
180 minute summer	FC40	112	186.168	0.667	2.1	2.1245	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC33	35.000	S12	0.8	0.961	0.060	0.0179	
180 minute summer	FC33	Infiltration		0.0				0.0
180 minute summer	FC34	36.000	J30	0.8	0.537	0.136	0.0075	
180 minute summer	FC34	Infiltration		0.0				0.0
180 minute summer	FC35	37.000	J31	0.8	0.974	0.059	0.0044	
180 minute summer	FC35	Infiltration		0.0				0.0
180 minute summer	FC36	38.000	J32	0.8	1.019	0.055	0.0041	
180 minute summer	FC36	Infiltration		0.0				0.0
180 minute summer	FC37	39.000	J33	0.9	0.706	0.098	0.0081	
180 minute summer	FC37	Infiltration		0.0				0.0
180 minute summer	FC38	40.000	J34	0.4	0.742	0.036	0.0043	
180 minute summer	FC38	Infiltration		0.0				0.0
180 minute summer	FC39	41.000	J35	0.8	0.971	0.056	0.0037	
180 minute summer	FC39	Infiltration		0.0				0.0
180 minute summer	FC40	42.000	J36	0.8	1.192	0.043	0.0064	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC41	112	185.552	0.702	2.1	2.0950	0.0000	FLOOD RISK
180 minute summer	FC42	112	185.303	0.703	2.1	2.0984	0.0000	FLOOD RISK
180 minute summer	FC43	116	185.243	0.643	2.1	2.1307	0.0000	SURCHARGED
180 minute summer	FC44	96	184.628	0.028	1.6	0.0349	0.0000	OK
180 minute summer	FC45	108	185.263	0.663	1.6	1.2374	0.0000	SURCHARGED
180 minute summer	FC46	120	185.448	0.748	2.9	3.5684	0.0000	FLOOD RISK
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	112	185.511	0.711	2.1	2.0851	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC40	Infiltration		0.0				0.0
180 minute summer	FC41	43.000	J37	0.8	0.782	0.080	0.0054	
180 minute summer	FC41	Infiltration		0.0				0.0
180 minute summer	FC42	44.000	J38	0.8	0.681	0.097	0.0063	
180 minute summer	FC42	Infiltration		0.0				0.0
180 minute summer	FC43	45.000	J39	0.8	0.763	0.077	0.0045	
180 minute summer	FC43	Infiltration		0.0				0.0
180 minute summer	FC44	46.000	J40	1.6	0.942	0.150	0.0075	
180 minute summer	FC44	Infiltration		0.0				0.0
180 minute summer	FC45	47.000	S10	0.8	0.904	0.062	0.0041	
180 minute summer	FC45	Infiltration		0.0				0.0
180 minute summer	FC46	48.000	S20	0.9	0.514	0.145	0.0100	
180 minute summer	FC46	Infiltration		0.0				0.0
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0042	
180 minute summer	FC48	50.000	J42	0.8	0.639	0.060	0.0090	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC49	112	185.513	0.713	2.1	2.1015	0.0000	FLOOD RISK
180 minute summer	FC50	112	185.514	0.714	2.1	2.1006	0.0000	FLOOD RISK
180 minute summer	FC51	112	185.553	0.703	2.1	2.1062	0.0000	FLOOD RISK
180 minute summer	FC52	112	185.937	0.687	2.1	2.1048	0.0000	SURCHARGED
180 minute summer	FC53	112	185.960	0.710	2.1	2.0930	0.0000	FLOOD RISK
180 minute summer	FC54	108	185.913	0.663	1.6	1.2397	0.0000	SURCHARGED
180 minute summer	FC55	108	185.911	0.661	1.6	1.2368	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC48	Infiltration		0.0				0.0
180 minute summer	FC49	51.000	S21	0.8	0.520	0.141	0.0070	
180 minute summer	FC49	Infiltration		0.0				0.0
180 minute summer	FC50	52.000	J43	0.8	0.521	0.142	0.0075	
180 minute summer	FC50	Infiltration		0.0				0.0
180 minute summer	FC51	55.000	S22	0.8	0.522	0.141	0.0098	
180 minute summer	FC51	Infiltration		0.0				0.0
180 minute summer	FC52	58.000	S23	0.8	0.759	0.082	0.0059	
180 minute summer	FC52	Infiltration		0.0				0.0
180 minute summer	FC53	61.000	J50	0.8	0.716	0.090	0.0050	
180 minute summer	FC53	Infiltration		0.0				0.0
180 minute summer	FC54	62.000	J51	0.8	0.786	0.075	0.0041	
180 minute summer	FC54	Infiltration		0.0				0.0
180 minute summer	FC55	64.000	J53	0.8	0.993	0.054	0.0034	
180 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC56	108	186.001	0.651	1.6	1.2400	0.0000	SURCHARGED
180 minute summer	FC57	108	186.002	0.652	1.6	1.2404	0.0000	SURCHARGED
180 minute summer	FC58	108	186.012	0.662	1.6	1.2374	0.0000	SURCHARGED
180 minute summer	FC59	108	186.015	0.665	1.6	1.2374	0.0000	SURCHARGED
180 minute summer	FC60	112	186.062	0.712	2.1	2.0876	0.0000	FLOOD RISK
180 minute summer	FC61	112	186.012	0.712	2.1	2.0928	0.0000	FLOOD RISK
180 minute summer	FC62	120	185.989	0.739	2.9	3.5690	0.0000	FLOOD RISK
180 minute summer	FC63	108	186.064	0.664	1.6	1.2498	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC56	53.000	J44	0.8	1.025	0.052	0.0052	
180 minute summer	FC56	Infiltration		0.0				0.0
180 minute summer	FC57	54.000	J45	0.8	0.961	0.057	0.0054	
180 minute summer	FC57	Infiltration		0.0				0.0
180 minute summer	FC58	56.000	J46	0.8	0.925	0.061	0.0054	
180 minute summer	FC58	Infiltration		0.0				0.0
180 minute summer	FC59	57.000	J47	0.8	0.858	0.068	0.0061	
180 minute summer	FC59	Infiltration		0.0				0.0
180 minute summer	FC60	59.000	J48	0.8	0.858	0.071	0.0065	
180 minute summer	FC60	Infiltration		0.0				0.0
180 minute summer	FC61	60.000	J49	0.8	0.688	0.097	0.0090	
180 minute summer	FC61	Infiltration		0.0				0.0
180 minute summer	FC62	63.000	J52	0.9	0.637	0.112	0.0126	
180 minute summer	FC62	Infiltration		0.0				0.0
180 minute summer	FC63	65.000	S26	0.8	0.472	0.136	0.0073	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC64	112	185.819	0.669	1.6	1.2987	0.0000	SURCHARGED
180 minute summer	FC65	112	185.867	0.717	2.1	2.0897	0.0000	FLOOD RISK
180 minute summer	FC66	112	185.717	0.717	2.1	2.0958	0.0000	FLOOD RISK
180 minute summer	FC67	120	185.037	0.237	1.6	2.4371	0.0000	SURCHARGED
180 minute summer	FC68	108	185.214	0.664	1.6	1.2427	0.0000	SURCHARGED
180 minute summer	J1	96	188.373	0.173	9.7	0.2602	0.0000	SURCHARGED
180 minute summer	J2	96	188.174	0.118	10.5	0.1338	0.0000	OK
180 minute summer	J3	96	188.151	0.101	11.3	0.1144	0.0000	OK
180 minute summer	J4	96	188.111	0.072	12.1	0.0815	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	FC63	Infiltration		0.0				0.0
180 minute summer	FC64	66.000	J54	0.8	0.292	0.141	0.0167	
180 minute summer	FC64	Infiltration		0.0				0.0
180 minute summer	FC65	67.000	J55	1.1	0.432	0.117	0.0101	
180 minute summer	FC65	Infiltration		0.0				0.0
180 minute summer	FC66	68.000	S24	0.8	0.583	0.117	0.0031	
180 minute summer	FC66	Infiltration		0.0				0.0
180 minute summer	FC67	69.000	J56	0.5	0.434	0.080	0.0023	
180 minute summer	FC67	Infiltration		0.0				0.0
180 minute summer	FC68	70.000	J57	0.8	0.678	0.090	0.0027	
180 minute summer	FC68	Infiltration		0.0				0.0
180 minute summer	J1	1.001	J2	9.7	1.234	1.164	0.0388	
180 minute summer	J2	1.002	J3	10.5	0.757	0.778	0.0143	
180 minute summer	J3	1.003	J4	11.3	1.069	0.848	0.0205	
180 minute summer	J4	1.004	J5	12.0	1.561	0.353	0.0273	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J5	96	187.973	0.063	12.9	0.0717	0.0000	OK
180 minute summer	J6	96	187.743	0.092	13.6	0.1046	0.0000	OK
180 minute summer	J7	96	187.628	0.103	14.4	0.1165	0.0000	OK
180 minute summer	J8	96	187.585	0.064	14.4	0.0725	0.0000	OK
180 minute summer	J9	96	187.382	0.107	16.0	0.1209	0.0000	OK
180 minute summer	J10	96	187.335	0.065	16.5	0.0739	0.0000	OK
180 minute summer	J11	96	187.219	0.098	17.6	0.1107	0.0000	OK
180 minute summer	J12	96	186.928	0.119	29.0	0.1349	0.0000	OK
180 minute summer	J13	96	186.809	0.182	29.4	0.2063	0.0000	OK
180 minute summer	J14	96	186.791	0.169	30.2	0.1907	0.0000	OK
180 minute summer	J15	96	186.765	0.147	31.0	0.1668	0.0000	OK
180 minute summer	J16	96	186.721	0.116	31.7	0.1317	0.0000	OK
180 minute summer	J17	196	186.645	0.362	32.5	0.4094	0.0000	SURCHARGED
180 minute summer	J18	196	186.645	0.520	38.3	0.5878	0.0000	SURCHARGED
180 minute summer	J19	196	186.645	0.618	42.1	0.6986	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J5	1.005	J6	12.8	1.391	0.336	0.0524	
180 minute summer	J6	1.006	J7	13.6	1.367	0.479	0.0196	
180 minute summer	J7	1.007	J8	13.6	1.018	0.444	0.0152	
180 minute summer	J8	1.008	J9	15.2	1.101	0.171	0.1179	
180 minute summer	J9	1.009	J10	15.7	1.125	0.471	0.0169	
180 minute summer	J10	1.010	J11	16.8	1.309	0.130	0.0319	
180 minute summer	J11	1.011	S2	17.6	0.735	0.273	0.1310	
180 minute summer	J12	1.013	J13	29.0	1.456	0.433	0.1296	
180 minute summer	J13	1.014	J14	29.4	0.687	0.519	0.0811	
180 minute summer	J14	1.015	J15	30.2	0.802	0.536	0.0721	
180 minute summer	J15	1.016	J16	30.9	1.038	0.580	0.1530	
180 minute summer	J16	1.017	J17	31.7	1.428	0.223	0.0747	
180 minute summer	J17	1.018	S3	32.5	1.133	0.105	0.1328	
180 minute summer	J18	1.020	J19	41.3	1.046	0.144	0.1049	
180 minute summer	J19	1.021	S4	39.1	0.964	0.709	0.3096	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J20	196	186.645	0.614	7.3	0.6939	0.0000	SURCHARGED
180 minute summer	J21	196	186.645	0.636	8.1	0.7188	0.0000	SURCHARGED
180 minute summer	J22	196	186.645	0.682	8.9	0.7708	0.0000	SURCHARGED
180 minute summer	J23	196	186.645	0.702	9.3	0.7945	0.0000	SURCHARGED
180 minute summer	J24	196	186.645	0.827	16.0	0.9359	0.0000	SURCHARGED
180 minute summer	J25	196	186.645	0.848	16.6	0.9597	0.0000	SURCHARGED
180 minute summer	J26	196	186.645	0.865	17.0	0.9789	0.0000	SURCHARGED
180 minute summer	J27	196	186.645	0.909	23.2	1.0275	0.0000	SURCHARGED
180 minute summer	J28	100	186.522	0.166	6.2	0.1879	0.0000	SURCHARGED
180 minute summer	J29	96	186.409	0.138	6.9	0.1565	0.0000	SURCHARGED
180 minute summer	J30	96	186.287	0.140	14.1	0.1581	0.0000	OK
180 minute summer	J31	96	186.164	0.120	14.9	0.1353	0.0000	OK
180 minute summer	J32	96	186.119	0.108	15.7	0.1220	0.0000	OK
180 minute summer	J33	96	185.606	0.070	22.3	0.0797	0.0000	OK
180 minute summer	J34	96	185.272	0.147	29.2	0.1666	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J20	23.002	J21	7.3	0.622	0.539	0.0665	
180 minute summer	J21	23.003	J22	8.1	0.647	0.603	0.1411	
180 minute summer	J22	23.004	J23	8.9	0.694	0.657	0.0633	
180 minute summer	J23	23.005	S18	9.3	0.797	0.693	0.1321	
180 minute summer	J24	23.007	J25	15.7	0.529	0.523	0.2458	
180 minute summer	J25	23.008	J26	16.2	0.528	0.537	0.1975	
180 minute summer	J26	23.009	S19	16.7	0.540	0.546	0.1474	
180 minute summer	J27	23.011	S4	23.1	0.897	0.773	0.0951	
180 minute summer	J28	32.001	J29	6.1	0.785	1.036	0.0691	
180 minute summer	J29	32.002	S12	7.0	0.897	1.183	0.0364	
180 minute summer	J30	32.004	J31	14.1	0.900	1.064	0.0771	
180 minute summer	J31	32.005	J32	14.9	0.741	0.496	0.1960	
180 minute summer	J32	32.006	S13	15.7	1.040	0.522	0.0811	
180 minute summer	J33	32.008	S14	22.3	1.156	0.214	0.1762	
180 minute summer	J34	32.010	J35	29.2	1.287	0.758	0.2043	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J35	96	185.178	0.103	30.0	0.1168	0.0000	OK
180 minute summer	J36	96	185.029	0.154	30.8	0.1741	0.0000	OK
180 minute summer	J37	96	184.657	0.157	38.1	0.1773	0.0000	OK
180 minute summer	J38	96	184.523	0.223	45.5	0.2520	0.0000	OK
180 minute summer	J39	96	184.473	0.199	46.3	0.2254	0.0000	OK
180 minute summer	J40	96	184.429	0.164	47.8	0.1851	0.0000	OK
180 minute summer	J41	120	184.623	0.026	0.9	0.0291	0.0000	OK
180 minute summer	J42	116	184.575	0.038	1.7	0.0431	0.0000	OK
180 minute summer	J43	96	184.480	0.100	7.2	0.1127	0.0000	OK
180 minute summer	J44	96	184.464	0.094	8.0	0.1068	0.0000	OK
180 minute summer	J45	96	184.432	0.112	8.8	0.1266	0.0000	OK
180 minute summer	J46	96	184.408	0.186	14.4	0.2098	0.0000	OK
180 minute summer	J47	96	184.401	0.194	15.1	0.2195	0.0000	OK
180 minute summer	J48	96	184.385	0.191	20.7	0.2163	0.0000	OK
180 minute summer	J49	96	184.368	0.199	21.5	0.2248	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J35	32.011	J36	30.0	1.280	0.337	0.1604	
180 minute summer	J36	32.012	S15	30.8	1.260	1.025	0.0577	
180 minute summer	J37	32.014	S16	38.1	1.258	0.691	0.1575	
180 minute summer	J38	32.016	J39	45.5	0.859	0.842	0.5722	
180 minute summer	J39	32.017	J40	46.2	1.038	0.845	0.1626	
180 minute summer	J40	32.018	S10	47.8	1.311	0.480	0.3489	
180 minute summer	J41	48.002	J42	0.9	0.498	0.145	0.0134	
180 minute summer	J42	48.003	S21	1.7	0.636	0.288	0.0221	
180 minute summer	J43	48.005	J44	7.2	0.607	0.518	0.0193	
180 minute summer	J44	48.006	J45	8.0	0.655	0.600	0.1130	
180 minute summer	J45	48.007	S22	8.8	0.734	0.647	0.0327	
180 minute summer	J46	48.009	J47	14.3	0.403	0.465	0.1506	
180 minute summer	J47	48.010	S23	15.1	0.412	0.500	0.0968	
180 minute summer	J48	48.012	J49	20.6	0.564	0.690	0.2723	
180 minute summer	J49	48.013	J50	21.4	0.586	0.699	0.0415	

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J50	96	184.356	0.191	22.2	0.2162	0.0000	OK
180 minute summer	J51	96	184.338	0.190	23.0	0.2145	0.0000	OK
180 minute summer	J52	96	184.322	0.178	23.8	0.2008	0.0000	OK
180 minute summer	J53	96	184.294	0.167	24.6	0.1887	0.0000	OK
180 minute summer	J54	96	185.238	0.109	6.4	0.1235	0.0000	SURCHARGED
180 minute summer	J55	96	185.177	0.083	7.5	0.0938	0.0000	OK
180 minute summer	J56	96	184.222	0.215	37.4	0.2431	0.0000	OK
180 minute summer	J57	96	184.194	0.209	38.3	0.2365	0.0000	OK
180 minute summer	BASIN 1	196	186.644	1.719	68.0	245.2150	0.0000	SURCHARGED
180 minute summer	BASIN 2	332	184.854	0.554	5.2	56.1072	0.0000	OK
180 minute summer	BASIN 3	420	183.311	0.211	64.3	274.7278	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	J50	48.014	J51	22.2	0.620	0.743	0.1818	
180 minute summer	J51	48.015	J52	23.0	0.662	0.749	0.0393	
180 minute summer	J52	48.016	J53	23.8	0.729	0.779	0.1589	
180 minute summer	J53	48.017	S24	24.5	0.868	0.813	0.3052	
180 minute summer	J54	65.002	J55	6.4	0.826	1.079	0.0269	
180 minute summer	J55	65.003	S24	6.9	1.045	0.908	0.0519	
180 minute summer	J56	48.019	J57	37.5	0.705	0.692	0.4837	
180 minute summer	J57	48.020	S25	38.4	0.762	0.703	0.3079	
180 minute summer	BASIN 1	1.023	S5	4.6	0.260	0.055	0.9418	
180 minute summer	BASIN 1	Infiltration		0.1				2.5
180 minute summer	BASIN 2	1.027	S7	4.3	0.596	0.052	0.1603	
180 minute summer	BASIN 2	71.000	BH1	1.5	0.599	0.259	0.1829	
180 minute summer	BASIN 2	Infiltration		0.0				0.0
180 minute summer	BASIN 3	1.034	BH2	4.0	0.563	0.032	0.8872	
180 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	BASIN 4	272	184.044	0.714	50.5	218.5668	0.0000	SURCHARGED
180 minute summer	SWALE 1	196	184.934	0.060	4.5	0.0862	0.0000	OK
180 minute summer	SWALE 2	332	184.432	0.057	4.3	0.0820	0.0000	OK
180 minute summer	SWALE 3	96	184.175	0.180	55.1	0.2571	0.0000	OK
180 minute summer	BH1	332	184.854	0.777	1.5	3.0541	0.0000	OK
180 minute summer	BH2	420	183.312	0.228	4.0	2.7409	0.0000	OK
180 minute summer	BH3	272	184.044	0.725	2.4	4.9889	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	BASIN 4	48.022	BH3	2.4	0.593	0.045	0.3211	
180 minute summer	BASIN 4	Infiltration		0.0				0.0
180 minute summer	SWALE 1	1.025	S6	4.5	0.411	0.055	0.4190	
180 minute summer	SWALE 2	1.029	S8	4.3	0.570	0.052	0.1973	
180 minute summer	SWALE 3	1.033	BASIN 3	55.0	1.093	0.440	2.1753	
180 minute summer	BH1	Infiltration		0.1				2.1
180 minute summer	BH2	Infiltration		0.2				2.9
180 minute summer	BH3	Infiltration		0.2				4.2

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	96	188.411	0.041	3.1	0.0620	0.0000	OK
180 minute winter	S2	96	187.188	0.148	22.3	0.2658	0.0000	OK
180 minute winter	S3	192	186.653	0.516	40.0	0.6961	0.0000	SURCHARGED
180 minute winter	S4	192	186.653	1.275	52.4	1.6532	0.0000	SURCHARGED
180 minute winter	S5	192	186.652	1.742	4.6	2.4931	0.0000	SURCHARGED
180 minute winter	S6	316	184.868	0.060	4.6	0.0862	0.0000	OK
180 minute winter	S7	332	184.790	0.031	4.3	0.0444	0.0000	OK
180 minute winter	S8	332	184.363	0.033	4.3	0.0476	0.0000	OK
180 minute winter	S9	96	184.228	0.103	4.3	0.1471	0.0000	OK
180 minute winter	S10	96	184.228	0.115	41.6	0.2134	0.0000	OK
180 minute winter	S11	96	186.468	0.068	4.0	0.1104	0.0000	OK
180 minute winter	S12	96	186.294	0.118	10.3	0.1787	0.0000	OK
180 minute winter	S13	96	186.059	0.066	16.7	0.1014	0.0000	OK
180 minute winter	S14	96	185.300	0.125	22.0	0.2024	0.0000	OK
180 minute winter	S15	96	184.962	0.095	28.4	0.1528	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S1	1.000	J1	3.1	0.625	0.355	0.0401	
180 minute winter	S2	1.012	J12	22.3	0.887	0.747	0.0375	
180 minute winter	S3	1.019	J18	30.2	1.075	0.568	0.3613	
180 minute winter	S4	1.022	BASIN 1	51.9	1.301	0.310	1.1778	
180 minute winter	S5	1.024	SWALE 1	4.6	0.400	0.055	0.2319	
180 minute winter	S6	1.026	BASIN 2	4.6	0.488	0.052	0.0627	
180 minute winter	S7	1.028	SWALE 2	4.3	0.592	0.014	0.1245	
180 minute winter	S8	1.030	S9	4.3	0.626	0.016	0.1470	
180 minute winter	S9	1.031	S10	4.3	0.663	0.051	0.1771	
180 minute winter	S10	1.032	SWALE 3	41.5	1.181	0.126	0.1539	
180 minute winter	S11	32.000	J28	4.0	0.681	0.673	0.0267	
180 minute winter	S12	32.003	J30	10.3	0.703	0.772	0.0745	
180 minute winter	S13	32.007	J33	16.7	1.790	0.170	0.1213	
180 minute winter	S14	32.009	J34	22.0	0.971	0.433	0.1187	
180 minute winter	S15	32.013	J37	28.4	1.920	0.307	0.1380	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	96	184.578	0.091	33.7	0.1416	0.0000	OK
180 minute winter	S17	192	186.653	0.503	4.6	0.8229	0.0000	SURCHARGED
180 minute winter	S18	192	186.653	0.829	11.5	1.2538	0.0000	SURCHARGED
180 minute winter	S19	192	186.653	0.887	17.7	1.3052	0.0000	SURCHARGED
180 minute winter	S20	128	184.669	0.027	0.8	0.0301	0.0000	OK
180 minute winter	S21	96	184.484	0.075	5.1	0.1010	0.0000	OK
180 minute winter	S22	100	184.380	0.149	10.9	0.1951	0.0000	OK
180 minute winter	S23	100	184.363	0.165	15.9	0.2155	0.0000	OK
180 minute winter	S24	96	184.212	0.195	30.2	0.2604	0.0000	OK
180 minute winter	S25	96	184.141	0.171	34.6	0.2413	0.0000	OK
180 minute winter	S26	96	185.421	0.044	4.1	0.0658	0.0000	OK
180 minute winter	FC1	120	188.941	0.691	1.5	1.7500	0.0000	SURCHARGED
180 minute winter	FC2	120	188.838	0.688	1.5	1.7516	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	S16	32.015	J38	33.7	1.063	0.106	0.0735	
180 minute winter	S17	23.001	J20	4.6	0.802	0.774	0.0560	
180 minute winter	S18	23.006	J24	11.4	0.497	0.355	0.0729	
180 minute winter	S19	23.010	J27	17.7	0.705	0.589	0.3541	
180 minute winter	S20	48.001	J41	0.8	0.524	0.143	0.0075	
180 minute winter	S21	48.004	J43	5.1	0.531	0.383	0.0492	
180 minute winter	S22	48.008	J46	10.9	0.401	0.347	0.0688	
180 minute winter	S23	48.011	J48	15.9	0.517	0.515	0.0345	
180 minute winter	S24	48.018	J56	30.2	0.637	0.564	0.2011	
180 minute winter	S25	48.021	BASIN 4	34.5	0.925	0.648	0.1437	
180 minute winter	S26	65.001	J54	4.1	0.830	0.391	0.0415	
180 minute winter	FC1	2.000	J1	0.8	0.416	0.134	0.0208	
180 minute winter	FC1	Infiltration		0.0				0.0
180 minute winter	FC2	3.000	J2	0.8	0.519	0.138	0.0120	
180 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC3	128	188.914	0.714	2.0	3.2646	0.0000	FLOOD RISK
180 minute winter	FC4	112	188.832	0.632	1.1	0.9236	0.0000	SURCHARGED
180 minute winter	FC5	120	188.683	0.683	1.5	1.7575	0.0000	SURCHARGED
180 minute winter	FC6	112	188.483	0.633	1.1	0.9201	0.0000	SURCHARGED
180 minute winter	FC7	112	188.383	0.633	1.1	0.9239	0.0000	SURCHARGED
180 minute winter	FC8	120	188.436	0.686	1.5	1.7421	0.0000	SURCHARGED
180 minute winter	FC9	112	188.104	0.634	1.1	0.9271	0.0000	SURCHARGED
180 minute winter	FC10	128	188.203	0.733	2.0	3.2422	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC3	4.000	J3	0.8	0.548	0.134	0.0189	
180 minute winter	FC3	Infiltration		0.0				0.0
180 minute winter	FC4	5.000	J4	0.8	0.608	0.106	0.0095	
180 minute winter	FC4	Infiltration		0.0				0.0
180 minute winter	FC5	6.000	J5	0.8	0.516	0.138	0.0066	
180 minute winter	FC5	Infiltration		0.0				0.0
180 minute winter	FC6	7.000	J6	0.8	0.677	0.091	0.0113	
180 minute winter	FC6	Infiltration		0.0				0.0
180 minute winter	FC7	8.000	J7	0.8	0.588	0.111	0.0098	
180 minute winter	FC7	Infiltration		0.0				0.0
180 minute winter	FC8	9.000	J8	0.8	0.727	0.086	0.0047	
180 minute winter	FC8	Infiltration		0.0				0.0
180 minute winter	FC9	10.000	J9	0.8	0.518	0.133	0.0110	
180 minute winter	FC9	Infiltration		0.0				0.0
180 minute winter	FC10	11.000	J10	0.9	0.570	0.128	0.0093	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC11	120	188.013	0.693	1.5	1.7483	0.0000	SURCHARGED
180 minute winter	FC12	120	187.924	0.694	1.5	1.7473	0.0000	SURCHARGED
180 minute winter	FC13	120	187.692	0.692	1.5	1.7490	0.0000	SURCHARGED
180 minute winter	FC14	132	187.176	0.276	1.5	3.5215	0.0000	SURCHARGED
180 minute winter	FC15	112	187.833	0.633	1.1	0.9123	0.0000	SURCHARGED
180 minute winter	FC16	112	187.534	0.634	1.1	0.9258	0.0000	SURCHARGED
180 minute winter	FC17	112	187.633	0.633	1.1	0.9160	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC10	Infiltration		0.0				0.0
180 minute winter	FC11	12.000	J11	0.8	0.523	0.140	0.0122	
180 minute winter	FC11	Infiltration		0.0				0.0
180 minute winter	FC12	13.000	S2	0.8	0.522	0.140	0.0109	
180 minute winter	FC12	Infiltration		0.0				0.0
180 minute winter	FC13	14.000	J12	0.8	0.523	0.139	0.0108	
180 minute winter	FC13	Infiltration		0.0				0.0
180 minute winter	FC14	15.000	J13	0.5	0.458	0.086	0.0084	
180 minute winter	FC14	Infiltration		0.0				0.0
180 minute winter	FC15	16.000	J14	0.8	1.100	0.046	0.0034	
180 minute winter	FC15	Infiltration		0.0				0.0
180 minute winter	FC16	17.000	J15	0.8	0.541	0.125	0.0111	
180 minute winter	FC16	Infiltration		0.0				0.0
180 minute winter	FC17	18.000	J16	0.8	0.859	0.065	0.0045	
180 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC18	112	187.184	0.634	1.1	0.9270	0.0000	SURCHARGED
180 minute winter	FC19	120	187.093	0.693	1.5	1.7489	0.0000	SURCHARGED
180 minute winter	FC20	120	187.634	0.684	1.5	1.7338	0.0000	SURCHARGED
180 minute winter	FC21	120	186.987	0.687	1.5	1.7536	0.0000	SURCHARGED
180 minute winter	FC22	124	186.680	0.230	1.1	2.2251	0.0000	SURCHARGED
180 minute winter	FC23	112	186.933	0.633	1.1	0.9147	0.0000	SURCHARGED
180 minute winter	FC24	120	186.987	0.687	1.5	1.7336	0.0000	SURCHARGED
180 minute winter	FC25	120	187.235	0.685	1.5	1.7330	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC18	19.000	J17	0.8	0.515	0.134	0.0548	
180 minute winter	FC18	Infiltration		0.0				0.0
180 minute winter	FC19	20.000	S3	0.9	0.521	0.153	0.0517	
180 minute winter	FC19	Infiltration		0.0				0.0
180 minute winter	FC20	21.000	J18	0.8	1.052	0.051	0.0034	
180 minute winter	FC20	Infiltration		0.0				0.0
180 minute winter	FC21	22.000	J19	0.8	0.522	0.139	0.0599	
180 minute winter	FC21	Infiltration		0.0				0.0
180 minute winter	FC22	23.000	S17	0.5	0.166	0.031	0.0373	
180 minute winter	FC22	Infiltration		0.0				0.0
180 minute winter	FC23	24.000	J20	0.8	0.797	0.060	0.0359	
180 minute winter	FC23	Infiltration		0.0				0.0
180 minute winter	FC24	25.000	J21	0.8	0.874	0.060	0.0363	
180 minute winter	FC24	Infiltration		0.0				0.0
180 minute winter	FC25	26.000	J22	0.8	1.044	0.052	0.0370	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC26	124	186.674	0.224	1.1	2.2549	0.0000	SURCHARGED
180 minute winter	FC27	112	187.132	0.632	1.1	0.9108	0.0000	SURCHARGED
180 minute winter	FC28	120	187.183	0.683	1.5	1.7346	0.0000	SURCHARGED
180 minute winter	FC29	120	187.178	0.678	1.5	1.7394	0.0000	SURCHARGED
180 minute winter	FC30	120	187.434	0.684	1.5	1.7356	0.0000	SURCHARGED
180 minute winter	FC31	112	187.083	0.633	1.1	0.9196	0.0000	SURCHARGED
180 minute winter	FC32	112	187.083	0.633	1.1	0.9152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC25	Infiltration		0.0				0.0
180 minute winter	FC26	27.000	J23	0.5	0.772	0.035	0.0361	
180 minute winter	FC26	Infiltration		0.0				0.0
180 minute winter	FC27	28.000	J24	0.8	1.268	0.037	0.0352	
180 minute winter	FC27	Infiltration		0.0				0.0
180 minute winter	FC28	29.000	J25	0.8	1.049	0.052	0.0341	
180 minute winter	FC28	Infiltration		0.0				0.0
180 minute winter	FC29	30.000	J26	0.8	1.019	0.054	0.0369	
180 minute winter	FC29	Infiltration		0.0				0.0
180 minute winter	FC30	31.000	J27	0.8	0.979	0.057	0.0188	
180 minute winter	FC30	Infiltration		0.0				0.0
180 minute winter	FC31	33.000	J28	0.8	0.363	0.088	0.0153	
180 minute winter	FC31	Infiltration		0.0				0.0
180 minute winter	FC32	34.000	J29	0.8	0.306	0.063	0.0168	
180 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC33	120	187.139	0.689	1.5	1.7310	0.0000	SURCHARGED
180 minute winter	FC34	120	187.140	0.690	1.5	1.7500	0.0000	SURCHARGED
180 minute winter	FC35	120	187.134	0.684	1.5	1.7357	0.0000	SURCHARGED
180 minute winter	FC36	120	187.124	0.674	1.5	1.7431	0.0000	SURCHARGED
180 minute winter	FC37	128	186.545	0.745	2.0	3.2177	0.0000	FLOOD RISK
180 minute winter	FC38	128	185.648	0.198	1.1	2.3801	0.0000	SURCHARGED
180 minute winter	FC39	112	186.081	0.631	1.1	0.9150	0.0000	SURCHARGED
180 minute winter	FC40	120	186.144	0.644	1.5	1.7891	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC33	35.000	S12	0.8	0.958	0.058	0.0134	
180 minute winter	FC33	Infiltration		0.0				0.0
180 minute winter	FC34	36.000	J30	0.8	0.535	0.133	0.0074	
180 minute winter	FC34	Infiltration		0.0				0.0
180 minute winter	FC35	37.000	J31	0.8	0.969	0.058	0.0044	
180 minute winter	FC35	Infiltration		0.0				0.0
180 minute winter	FC36	38.000	J32	0.8	1.015	0.054	0.0041	
180 minute winter	FC36	Infiltration		0.0				0.0
180 minute winter	FC37	39.000	J33	0.9	0.703	0.097	0.0080	
180 minute winter	FC37	Infiltration		0.0				0.0
180 minute winter	FC38	40.000	J34	0.4	0.735	0.035	0.0028	
180 minute winter	FC38	Infiltration		0.0				0.0
180 minute winter	FC39	41.000	J35	0.8	0.965	0.055	0.0036	
180 minute winter	FC39	Infiltration		0.0				0.0
180 minute winter	FC40	42.000	J36	0.8	1.186	0.042	0.0034	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC41	120	185.530	0.680	1.5	1.7453	0.0000	SURCHARGED
180 minute winter	FC42	120	185.280	0.680	1.5	1.7494	0.0000	SURCHARGED
180 minute winter	FC43	120	185.237	0.637	1.5	1.7817	0.0000	SURCHARGED
180 minute winter	FC44	96	184.623	0.023	1.1	0.0286	0.0000	OK
180 minute winter	FC45	112	185.232	0.632	1.1	0.9156	0.0000	SURCHARGED
180 minute winter	FC46	128	185.433	0.733	2.0	3.2460	0.0000	FLOOD RISK
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	120	185.486	0.686	1.5	1.7339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC40	Infiltration		0.0				0.0
180 minute winter	FC41	43.000	J37	0.8	0.779	0.078	0.0053	
180 minute winter	FC41	Infiltration		0.0				0.0
180 minute winter	FC42	44.000	J38	0.8	0.678	0.095	0.0060	
180 minute winter	FC42	Infiltration		0.0				0.0
180 minute winter	FC43	45.000	J39	0.8	0.762	0.077	0.0045	
180 minute winter	FC43	Infiltration		0.0				0.0
180 minute winter	FC44	46.000	J40	1.1	0.852	0.103	0.0057	
180 minute winter	FC44	Infiltration		0.0				0.0
180 minute winter	FC45	47.000	S10	0.8	0.898	0.061	0.0041	
180 minute winter	FC45	Infiltration		0.0				0.0
180 minute winter	FC46	48.000	S20	0.8	0.513	0.143	0.0099	
180 minute winter	FC46	Infiltration		0.0				0.0
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0042	
180 minute winter	FC48	50.000	J42	0.8	0.545	0.059	0.0089	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC49	120	185.488	0.688	1.5	1.7537	0.0000	SURCHARGED
180 minute winter	FC50	120	185.489	0.689	1.5	1.7527	0.0000	SURCHARGED
180 minute winter	FC51	120	185.531	0.681	1.5	1.7588	0.0000	SURCHARGED
180 minute winter	FC52	120	185.919	0.669	1.5	1.7554	0.0000	SURCHARGED
180 minute winter	FC53	120	185.936	0.686	1.5	1.7434	0.0000	SURCHARGED
180 minute winter	FC54	112	185.883	0.633	1.1	0.9181	0.0000	SURCHARGED
180 minute winter	FC55	112	185.882	0.632	1.1	0.9143	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC48	Infiltration		0.0				0.0
180 minute winter	FC49	51.000	S21	0.8	0.517	0.139	0.0069	
180 minute winter	FC49	Infiltration		0.0				0.0
180 minute winter	FC50	52.000	J43	0.8	0.518	0.139	0.0074	
180 minute winter	FC50	Infiltration		0.0				0.0
180 minute winter	FC51	55.000	S22	0.8	0.520	0.138	0.0097	
180 minute winter	FC51	Infiltration		0.0				0.0
180 minute winter	FC52	58.000	S23	0.8	0.756	0.081	0.0059	
180 minute winter	FC52	Infiltration		0.0				0.0
180 minute winter	FC53	61.000	J50	0.8	0.712	0.089	0.0049	
180 minute winter	FC53	Infiltration		0.0				0.0
180 minute winter	FC54	62.000	J51	0.8	0.781	0.073	0.0040	
180 minute winter	FC54	Infiltration		0.0				0.0
180 minute winter	FC55	64.000	J53	0.8	0.987	0.053	0.0033	
180 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC56	112	185.979	0.629	1.1	0.9147	0.0000	SURCHARGED
180 minute winter	FC57	112	185.979	0.629	1.1	0.9156	0.0000	SURCHARGED
180 minute winter	FC58	112	185.982	0.632	1.1	0.9152	0.0000	SURCHARGED
180 minute winter	FC59	112	185.983	0.633	1.1	0.9162	0.0000	SURCHARGED
180 minute winter	FC60	120	186.037	0.686	1.5	1.7370	0.0000	SURCHARGED
180 minute winter	FC61	120	185.987	0.687	1.5	1.7434	0.0000	SURCHARGED
180 minute winter	FC62	128	185.975	0.724	2.0	3.2462	0.0000	FLOOD RISK
180 minute winter	FC63	112	186.033	0.633	1.1	0.9271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC56	53.000	J44	0.8	1.020	0.051	0.0051	
180 minute winter	FC56	Infiltration		0.0				0.0
180 minute winter	FC57	54.000	J45	0.8	0.956	0.056	0.0054	
180 minute winter	FC57	Infiltration		0.0				0.0
180 minute winter	FC58	56.000	J46	0.8	0.919	0.059	0.0053	
180 minute winter	FC58	Infiltration		0.0				0.0
180 minute winter	FC59	57.000	J47	0.8	0.852	0.066	0.0060	
180 minute winter	FC59	Infiltration		0.0				0.0
180 minute winter	FC60	59.000	J48	0.8	0.853	0.070	0.0064	
180 minute winter	FC60	Infiltration		0.0				0.0
180 minute winter	FC61	60.000	J49	0.8	0.684	0.095	0.0089	
180 minute winter	FC61	Infiltration		0.0				0.0
180 minute winter	FC62	63.000	J52	0.8	0.635	0.111	0.0125	
180 minute winter	FC62	Infiltration		0.0				0.0
180 minute winter	FC63	65.000	S26	0.8	0.428	0.133	0.0058	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC64	112	185.787	0.637	1.1	0.9644	0.0000	SURCHARGED
180 minute winter	FC65	120	185.840	0.690	1.5	1.7374	0.0000	SURCHARGED
180 minute winter	FC66	120	185.690	0.690	1.5	1.7475	0.0000	SURCHARGED
180 minute winter	FC67	124	185.023	0.223	1.1	2.2936	0.0000	SURCHARGED
180 minute winter	FC68	112	185.183	0.633	1.1	0.9213	0.0000	SURCHARGED
180 minute winter	J1	96	188.280	0.080	7.0	0.1207	0.0000	OK
180 minute winter	J2	96	188.155	0.099	7.8	0.1117	0.0000	OK
180 minute winter	J3	96	188.136	0.086	8.6	0.0976	0.0000	OK
180 minute winter	J4	96	188.101	0.062	9.4	0.0697	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	FC63	Infiltration		0.0				0.0
180 minute winter	FC64	66.000	J54	0.8	0.271	0.134	0.0121	
180 minute winter	FC64	Infiltration		0.0				0.0
180 minute winter	FC65	67.000	J55	0.8	0.426	0.085	0.0075	
180 minute winter	FC65	Infiltration		0.0				0.0
180 minute winter	FC66	68.000	S24	0.8	0.580	0.115	0.0030	
180 minute winter	FC66	Infiltration		0.0				0.0
180 minute winter	FC67	69.000	J56	0.5	0.430	0.077	0.0022	
180 minute winter	FC67	Infiltration		0.0				0.0
180 minute winter	FC68	70.000	J57	0.8	0.674	0.088	0.0027	
180 minute winter	FC68	Infiltration		0.0				0.0
180 minute winter	J1	1.001	J2	7.0	1.106	0.843	0.0317	
180 minute winter	J2	1.002	J3	7.8	0.684	0.580	0.0118	
180 minute winter	J3	1.003	J4	8.6	0.994	0.647	0.0169	
180 minute winter	J4	1.004	J5	9.4	1.483	0.274	0.0223	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J5	96	187.965	0.055	10.2	0.0619	0.0000	OK
180 minute winter	J6	96	187.730	0.080	10.9	0.0905	0.0000	OK
180 minute winter	J7	96	187.617	0.092	11.7	0.1039	0.0000	OK
180 minute winter	J8	96	187.578	0.057	11.9	0.0645	0.0000	OK
180 minute winter	J9	100	187.371	0.096	13.2	0.1088	0.0000	OK
180 minute winter	J10	100	187.328	0.058	14.3	0.0658	0.0000	OK
180 minute winter	J11	100	187.206	0.084	14.9	0.0956	0.0000	OK
180 minute winter	J12	96	186.912	0.103	23.1	0.1168	0.0000	OK
180 minute winter	J13	96	186.788	0.161	23.5	0.1820	0.0000	OK
180 minute winter	J14	100	186.772	0.149	24.3	0.1691	0.0000	OK
180 minute winter	J15	100	186.748	0.131	25.0	0.1486	0.0000	OK
180 minute winter	J16	100	186.708	0.103	25.8	0.1169	0.0000	OK
180 minute winter	J17	192	186.653	0.370	35.0	0.4186	0.0000	SURCHARGED
180 minute winter	J18	192	186.653	0.528	31.1	0.5971	0.0000	SURCHARGED
180 minute winter	J19	192	186.653	0.626	35.2	0.7078	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J5	1.005	J6	10.2	1.325	0.266	0.0436	
180 minute winter	J6	1.006	J7	10.9	1.301	0.384	0.0165	
180 minute winter	J7	1.007	J8	11.1	0.978	0.360	0.0130	
180 minute winter	J8	1.008	J9	12.5	1.048	0.140	0.1018	
180 minute winter	J9	1.009	J10	13.5	1.124	0.405	0.0146	
180 minute winter	J10	1.010	J11	14.1	1.305	0.109	0.0266	
180 minute winter	J11	1.011	S2	14.9	0.724	0.231	0.1109	
180 minute winter	J12	1.013	J13	23.1	1.413	0.345	0.1058	
180 minute winter	J13	1.014	J14	23.5	0.640	0.415	0.0697	
180 minute winter	J14	1.015	J15	24.3	0.751	0.431	0.0620	
180 minute winter	J15	1.016	J16	25.1	0.981	0.470	0.1311	
180 minute winter	J16	1.017	J17	25.8	1.359	0.181	0.0640	
180 minute winter	J17	1.018	S3	38.1	1.112	0.123	0.1328	
180 minute winter	J18	1.020	J19	34.4	0.998	0.120	0.1049	
180 minute winter	J19	1.021	S4	31.9	0.904	0.578	0.3096	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J20	192	186.653	0.622	5.4	0.7031	0.0000	SURCHARGED
180 minute winter	J21	192	186.653	0.644	6.2	0.7280	0.0000	SURCHARGED
180 minute winter	J22	192	186.653	0.690	7.0	0.7800	0.0000	SURCHARGED
180 minute winter	J23	192	186.653	0.711	7.3	0.8038	0.0000	SURCHARGED
180 minute winter	J24	192	186.653	0.836	12.1	0.9452	0.0000	SURCHARGED
180 minute winter	J25	192	186.653	0.857	12.8	0.9689	0.0000	SURCHARGED
180 minute winter	J26	192	186.653	0.874	13.5	0.9881	0.0000	SURCHARGED
180 minute winter	J27	192	186.653	0.917	18.4	1.0367	0.0000	SURCHARGED
180 minute winter	J28	96	186.429	0.073	4.8	0.0823	0.0000	OK
180 minute winter	J29	96	186.358	0.087	5.5	0.0981	0.0000	OK
180 minute winter	J30	96	186.262	0.115	11.1	0.1298	0.0000	OK
180 minute winter	J31	96	186.149	0.105	11.9	0.1186	0.0000	OK
180 minute winter	J32	96	186.107	0.096	12.7	0.1086	0.0000	OK
180 minute winter	J33	96	185.597	0.062	17.5	0.0703	0.0000	OK
180 minute winter	J34	96	185.250	0.125	22.4	0.1415	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J20	23.002	J21	5.4	0.583	0.396	0.0665	
180 minute winter	J21	23.003	J22	6.1	0.610	0.459	0.1411	
180 minute winter	J22	23.004	J23	6.9	0.655	0.514	0.0633	
180 minute winter	J23	23.005	S18	7.3	0.745	0.547	0.1321	
180 minute winter	J24	23.007	J25	12.0	0.512	0.398	0.2458	
180 minute winter	J25	23.008	J26	12.7	0.512	0.422	0.1975	
180 minute winter	J26	23.009	S19	13.5	0.528	0.441	0.1474	
180 minute winter	J27	23.011	S4	18.4	0.832	0.617	0.0951	
180 minute winter	J28	32.001	J29	4.8	0.715	0.804	0.0588	
180 minute winter	J29	32.002	S12	5.5	0.808	0.928	0.0316	
180 minute winter	J30	32.004	J31	11.1	0.832	0.837	0.0662	
180 minute winter	J31	32.005	J32	11.9	0.694	0.396	0.1669	
180 minute winter	J32	32.006	S13	12.7	0.987	0.422	0.0685	
180 minute winter	J33	32.008	S14	17.5	1.122	0.168	0.1432	
180 minute winter	J34	32.010	J35	22.3	1.220	0.579	0.1654	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J35	96	185.161	0.086	23.1	0.0976	0.0000	OK
180 minute winter	J36	96	185.007	0.132	23.9	0.1492	0.0000	OK
180 minute winter	J37	96	184.634	0.134	29.2	0.1520	0.0000	OK
180 minute winter	J38	96	184.486	0.186	34.5	0.2099	0.0000	OK
180 minute winter	J39	96	184.442	0.168	35.2	0.1896	0.0000	OK
180 minute winter	J40	96	184.403	0.138	36.3	0.1566	0.0000	OK
180 minute winter	J41	128	184.623	0.026	0.8	0.0289	0.0000	OK
180 minute winter	J42	124	184.575	0.038	1.7	0.0428	0.0000	OK
180 minute winter	J43	96	184.466	0.086	5.9	0.0975	0.0000	OK
180 minute winter	J44	96	184.452	0.082	6.7	0.0923	0.0000	OK
180 minute winter	J45	100	184.410	0.090	7.4	0.1014	0.0000	OK
180 minute winter	J46	100	184.375	0.153	11.7	0.1728	0.0000	OK
180 minute winter	J47	100	184.369	0.162	12.4	0.1831	0.0000	OK
180 minute winter	J48	100	184.354	0.160	16.7	0.1813	0.0000	OK
180 minute winter	J49	100	184.340	0.171	17.5	0.1930	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J35	32.011	J36	23.1	1.212	0.260	0.1312	
180 minute winter	J36	32.012	S15	23.9	1.194	0.796	0.0474	
180 minute winter	J37	32.014	S16	29.2	1.209	0.528	0.1256	
180 minute winter	J38	32.016	J39	34.4	0.798	0.637	0.4665	
180 minute winter	J39	32.017	J40	35.2	0.975	0.644	0.1320	
180 minute winter	J40	32.018	S10	36.3	1.227	0.365	0.2832	
180 minute winter	J41	48.002	J42	0.8	0.500	0.143	0.0133	
180 minute winter	J42	48.003	S21	1.7	0.634	0.284	0.0216	
180 minute winter	J43	48.005	J44	5.9	0.585	0.423	0.0163	
180 minute winter	J44	48.006	J45	6.7	0.642	0.499	0.0911	
180 minute winter	J45	48.007	S22	7.4	0.730	0.548	0.0242	
180 minute winter	J46	48.009	J47	11.6	0.394	0.378	0.1249	
180 minute winter	J47	48.010	S23	12.4	0.402	0.412	0.0816	
180 minute winter	J48	48.012	J49	16.7	0.534	0.557	0.2330	
180 minute winter	J49	48.013	J50	17.5	0.553	0.570	0.0359	

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J50	100	184.329	0.164	18.3	0.1856	0.0000	OK
180 minute winter	J51	100	184.313	0.165	19.1	0.1861	0.0000	OK
180 minute winter	J52	100	184.297	0.153	19.9	0.1732	0.0000	OK
180 minute winter	J53	100	184.269	0.142	20.7	0.1610	0.0000	OK
180 minute winter	J54	96	185.206	0.077	4.8	0.0872	0.0000	OK
180 minute winter	J55	96	185.163	0.069	5.6	0.0780	0.0000	OK
180 minute winter	J56	100	184.194	0.187	30.6	0.2119	0.0000	OK
180 minute winter	J57	100	184.169	0.184	31.3	0.2078	0.0000	OK
180 minute winter	BASIN 1	192	186.652	1.727	53.9	246.7534	0.0000	SURCHARGED
180 minute winter	BASIN 2	332	184.854	0.554	4.8	56.1148	0.0000	OK
180 minute winter	BASIN 3	420	183.315	0.215	47.9	276.3043	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	J50	48.014	J51	18.3	0.589	0.612	0.1576	
180 minute winter	J51	48.015	J52	19.1	0.637	0.623	0.0340	
180 minute winter	J52	48.016	J53	19.9	0.721	0.653	0.1346	
180 minute winter	J53	48.017	S24	20.7	0.862	0.687	0.2463	
180 minute winter	J54	65.002	J55	4.8	0.784	0.811	0.0223	
180 minute winter	J55	65.003	S24	5.6	1.015	0.735	0.0433	
180 minute winter	J56	48.019	J57	30.6	0.668	0.563	0.4156	
180 minute winter	J57	48.020	S25	31.4	0.723	0.575	0.2654	
180 minute winter	BASIN 1	1.023	S5	4.6	0.289	0.055	0.9418	
180 minute winter	BASIN 1	Infiltration		0.1				2.5
180 minute winter	BASIN 2	1.027	S7	4.3	0.597	0.052	0.1606	
180 minute winter	BASIN 2	71.000	BH1	1.6	0.610	0.269	0.1829	
180 minute winter	BASIN 2	Infiltration		0.0				0.0
180 minute winter	BASIN 3	1.034	BH2	3.5	0.565	0.028	0.9066	
180 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	BASIN 4	268	184.047	0.717	39.6	219.4404	0.0000	SURCHARGED
180 minute winter	SWALE 1	196	184.934	0.060	4.6	0.0863	0.0000	OK
180 minute winter	SWALE 2	332	184.432	0.057	4.3	0.0821	0.0000	OK
180 minute winter	SWALE 3	96	184.148	0.153	41.5	0.2182	0.0000	OK
180 minute winter	BH1	332	184.854	0.777	1.6	3.0543	0.0000	OK
180 minute winter	BH2	420	183.315	0.232	3.5	2.7595	0.0000	OK
180 minute winter	BH3	268	184.047	0.728	2.6	5.0011	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	BASIN 4	48.022	BH3	2.6	0.623	0.048	0.3211	
180 minute winter	BASIN 4	Infiltration		0.0				0.0
180 minute winter	SWALE 1	1.025	S6	4.6	0.411	0.055	0.4197	
180 minute winter	SWALE 2	1.029	S8	4.3	0.570	0.052	0.1977	
180 minute winter	SWALE 3	1.033	BASIN 3	41.5	1.014	0.332	1.7668	
180 minute winter	BH1	Infiltration		0.1				2.0
180 minute winter	BH2	Infiltration		0.2				3.0
180 minute winter	BH3	Infiltration		0.2				4.2

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.416	0.046	3.8	0.0694	0.0000	OK
240 minute summer	S2	124	187.197	0.158	24.9	0.2830	0.0000	OK
240 minute summer	S3	248	186.727	0.589	47.5	0.7952	0.0000	SURCHARGED
240 minute summer	S4	248	186.726	1.348	56.8	1.7485	0.0000	SURCHARGED
240 minute summer	S5	248	186.726	1.816	4.7	2.5985	0.0000	FLOOD RISK
240 minute summer	S6	328	184.869	0.061	4.6	0.0876	0.0000	OK
240 minute summer	S7	344	184.791	0.032	4.4	0.0451	0.0000	OK
240 minute summer	S8	344	184.364	0.034	4.4	0.0484	0.0000	OK
240 minute summer	S9	124	184.239	0.114	4.4	0.1635	0.0000	OK
240 minute summer	S10	124	184.239	0.126	47.9	0.2346	0.0000	OK
240 minute summer	S11	128	186.495	0.095	4.9	0.1534	0.0000	OK
240 minute summer	S12	124	186.309	0.133	11.8	0.2012	0.0000	OK
240 minute summer	S13	124	186.064	0.071	19.0	0.1089	0.0000	OK
240 minute summer	S14	124	185.312	0.137	25.4	0.2222	0.0000	OK
240 minute summer	S15	124	184.970	0.103	32.7	0.1663	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S1	1.000	J1	3.8	0.638	0.434	0.0466	
240 minute summer	S2	1.012	J12	24.9	0.921	0.832	0.0402	
240 minute summer	S3	1.019	J18	33.5	1.096	0.628	0.3613	
240 minute summer	S4	1.022	BASIN 1	56.3	1.206	0.336	1.1778	
240 minute summer	S5	1.024	SWALE 1	4.6	0.404	0.056	0.2355	
240 minute summer	S6	1.026	BASIN 2	4.6	0.490	0.054	0.0641	
240 minute summer	S7	1.028	SWALE 2	4.4	0.598	0.015	0.1274	
240 minute summer	S8	1.030	S9	4.4	0.633	0.017	0.1703	
240 minute summer	S9	1.031	S10	4.4	0.669	0.053	0.2035	
240 minute summer	S10	1.032	SWALE 3	47.8	1.210	0.145	0.1729	
240 minute summer	S11	32.000	J28	4.8	0.699	0.808	0.0351	
240 minute summer	S12	32.003	J30	11.8	0.730	0.883	0.0821	
240 minute summer	S13	32.007	J33	19.0	1.854	0.194	0.1331	
240 minute summer	S14	32.009	J34	25.3	1.005	0.498	0.1319	
240 minute summer	S15	32.013	J37	32.6	1.983	0.353	0.1536	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	124	184.589	0.102	39.0	0.1594	0.0000	OK
240 minute summer	S17	248	186.726	0.576	5.6	0.9424	0.0000	SURCHARGED
240 minute summer	S18	248	186.726	0.902	13.3	1.3646	0.0000	SURCHARGED
240 minute summer	S19	248	186.726	0.960	19.0	1.4132	0.0000	SURCHARGED
240 minute summer	S20	152	184.669	0.027	0.9	0.0301	0.0000	OK
240 minute summer	S21	124	184.491	0.082	5.8	0.1100	0.0000	OK
240 minute summer	S22	128	184.395	0.164	12.2	0.2152	0.0000	OK
240 minute summer	S23	128	184.378	0.180	17.8	0.2350	0.0000	OK
240 minute summer	S24	128	184.226	0.209	33.5	0.2790	0.0000	OK
240 minute summer	S25	128	184.152	0.182	38.5	0.2565	0.0000	OK
240 minute summer	S26	124	185.425	0.048	4.8	0.0720	0.0000	OK
240 minute summer	FC1	148	188.954	0.704	1.8	1.9194	0.0000	FLOOD RISK
240 minute summer	FC2	148	188.849	0.699	1.8	1.9082	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	S16	32.015	J38	38.9	1.082	0.122	0.0829	
240 minute summer	S17	23.001	J20	5.5	0.818	0.930	0.0560	
240 minute summer	S18	23.006	J24	13.0	0.505	0.407	0.0729	
240 minute summer	S19	23.010	J27	18.9	0.719	0.630	0.3541	
240 minute summer	S20	48.001	J41	0.9	0.524	0.143	0.0075	
240 minute summer	S21	48.004	J43	5.8	0.546	0.434	0.0540	
240 minute summer	S22	48.008	J46	12.2	0.401	0.387	0.0764	
240 minute summer	S23	48.011	J48	17.7	0.533	0.575	0.0378	
240 minute summer	S24	48.018	J56	33.5	0.653	0.626	0.2175	
240 minute summer	S25	48.021	BASIN 4	38.5	0.958	0.723	0.1546	
240 minute summer	S26	65.001	J54	4.8	0.857	0.458	0.0465	
240 minute summer	FC1	2.000	J1	0.9	0.423	0.153	0.0317	
240 minute summer	FC1	Infiltration		0.0				0.0
240 minute summer	FC2	3.000	J2	0.8	0.520	0.139	0.0139	
240 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC3	152	188.918	0.718	2.5	3.3508	0.0000	FLOOD RISK
240 minute summer	FC4	140	188.843	0.643	1.3	1.0527	0.0000	SURCHARGED
240 minute summer	FC5	148	188.694	0.694	1.8	1.9142	0.0000	SURCHARGED
240 minute summer	FC6	140	188.496	0.646	1.3	1.0486	0.0000	SURCHARGED
240 minute summer	FC7	140	188.396	0.646	1.3	1.0524	0.0000	SURCHARGED
240 minute summer	FC8	148	188.448	0.698	1.8	1.8992	0.0000	SURCHARGED
240 minute summer	FC9	140	188.116	0.646	1.3	1.0556	0.0000	SURCHARGED
240 minute summer	FC10	152	188.207	0.737	2.5	3.3314	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC3	4.000	J3	0.8	0.548	0.135	0.0219	
240 minute summer	FC3	Infiltration		0.0				0.0
240 minute summer	FC4	5.000	J4	0.8	0.609	0.107	0.0096	
240 minute summer	FC4	Infiltration		0.0				0.0
240 minute summer	FC5	6.000	J5	0.8	0.518	0.139	0.0066	
240 minute summer	FC5	Infiltration		0.0				0.0
240 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0134	
240 minute summer	FC6	Infiltration		0.0				0.0
240 minute summer	FC7	8.000	J7	0.8	0.589	0.112	0.0098	
240 minute summer	FC7	Infiltration		0.0				0.0
240 minute summer	FC8	9.000	J8	0.8	0.729	0.087	0.0048	
240 minute summer	FC8	Infiltration		0.0				0.0
240 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111	
240 minute summer	FC9	Infiltration		0.0				0.0
240 minute summer	FC10	11.000	J10	0.9	0.570	0.129	0.0093	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC11	148	188.025	0.705	1.8	1.9043	0.0000	FLOOD RISK
240 minute summer	FC12	148	187.937	0.707	1.8	1.9030	0.0000	FLOOD RISK
240 minute summer	FC13	148	187.704	0.704	1.8	1.9051	0.0000	FLOOD RISK
240 minute summer	FC14	156	187.181	0.281	1.8	3.5830	0.0000	SURCHARGED
240 minute summer	FC15	140	187.846	0.646	1.3	1.0407	0.0000	SURCHARGED
240 minute summer	FC16	140	187.547	0.647	1.3	1.0540	0.0000	SURCHARGED
240 minute summer	FC17	140	187.646	0.646	1.3	1.0443	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC10	Infiltration		0.0				0.0
240 minute summer	FC11	12.000	J11	0.8	0.524	0.141	0.0123	
240 minute summer	FC11	Infiltration		0.0				0.0
240 minute summer	FC12	13.000	S2	0.8	0.524	0.141	0.0130	
240 minute summer	FC12	Infiltration		0.0				0.0
240 minute summer	FC13	14.000	J12	0.8	0.525	0.140	0.0109	
240 minute summer	FC13	Infiltration		0.0				0.0
240 minute summer	FC14	15.000	J13	0.5	0.459	0.087	0.0085	
240 minute summer	FC14	Infiltration		0.0				0.0
240 minute summer	FC15	16.000	J14	0.8	1.103	0.046	0.0034	
240 minute summer	FC15	Infiltration		0.0				0.0
240 minute summer	FC16	17.000	J15	0.8	0.543	0.126	0.0112	
240 minute summer	FC16	Infiltration		0.0				0.0
240 minute summer	FC17	18.000	J16	0.8	0.861	0.065	0.0045	
240 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC18	140	187.198	0.648	1.3	1.0551	0.0000	SURCHARGED
240 minute summer	FC19	148	187.105	0.705	1.8	1.9050	0.0000	FLOOD RISK
240 minute summer	FC20	148	187.645	0.695	1.8	1.8917	0.0000	SURCHARGED
240 minute summer	FC21	148	186.998	0.698	1.8	1.9101	0.0000	SURCHARGED
240 minute summer	FC22	260	186.720	0.270	1.3	2.6210	0.0000	SURCHARGED
240 minute summer	FC23	140	186.945	0.645	1.3	1.0432	0.0000	SURCHARGED
240 minute summer	FC24	148	186.998	0.698	1.8	1.8914	0.0000	SURCHARGED
240 minute summer	FC25	148	187.247	0.697	1.8	1.8907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC18	19.000	J17	0.8	0.517	0.135	0.0548	
240 minute summer	FC18	Infiltration		0.0				0.0
240 minute summer	FC19	20.000	S3	1.1	0.522	0.189	0.0517	
240 minute summer	FC19	Infiltration		0.0				0.0
240 minute summer	FC20	21.000	J18	0.8	1.054	0.052	0.0144	
240 minute summer	FC20	Infiltration		0.0				0.0
240 minute summer	FC21	22.000	J19	0.9	0.522	0.154	0.0599	
240 minute summer	FC21	Infiltration		0.0				0.0
240 minute summer	FC22	23.000	S17	0.5	0.161	0.031	0.0373	
240 minute summer	FC22	Infiltration		0.0				0.0
240 minute summer	FC23	24.000	J20	0.8	0.794	0.060	0.0359	
240 minute summer	FC23	Infiltration		0.0				0.0
240 minute summer	FC24	25.000	J21	0.8	0.867	0.060	0.0363	
240 minute summer	FC24	Infiltration		0.0				0.0
240 minute summer	FC25	26.000	J22	0.8	1.046	0.053	0.0370	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC26	260	186.719	0.269	1.3	2.7131	0.0000	SURCHARGED
240 minute summer	FC27	140	187.144	0.644	1.3	1.0397	0.0000	SURCHARGED
240 minute summer	FC28	148	187.194	0.694	1.8	1.8925	0.0000	SURCHARGED
240 minute summer	FC29	148	187.188	0.688	1.8	1.8977	0.0000	SURCHARGED
240 minute summer	FC30	148	187.445	0.695	1.8	1.8933	0.0000	SURCHARGED
240 minute summer	FC31	140	187.095	0.645	1.3	1.0482	0.0000	SURCHARGED
240 minute summer	FC32	140	187.095	0.645	1.3	1.0437	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC25	Infiltration		0.0				0.0
240 minute summer	FC26	27.000	J23	0.5	0.776	0.035	0.0361	
240 minute summer	FC26	Infiltration		0.0				0.0
240 minute summer	FC27	28.000	J24	0.8	1.233	0.037	0.0352	
240 minute summer	FC27	Infiltration		0.0				0.0
240 minute summer	FC28	29.000	J25	0.8	1.050	0.052	0.0341	
240 minute summer	FC28	Infiltration		0.0				0.0
240 minute summer	FC29	30.000	J26	0.8	1.020	0.055	0.0369	
240 minute summer	FC29	Infiltration		0.0				0.0
240 minute summer	FC30	31.000	J27	0.8	0.981	0.057	0.0190	
240 minute summer	FC30	Infiltration		0.0				0.0
240 minute summer	FC31	33.000	J28	0.8	0.379	0.088	0.0190	
240 minute summer	FC31	Infiltration		0.0				0.0
240 minute summer	FC32	34.000	J29	0.8	0.317	0.063	0.0181	
240 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC33	148	187.151	0.701	1.8	1.8885	0.0000	FLOOD RISK
240 minute summer	FC34	148	187.152	0.702	1.8	1.9064	0.0000	FLOOD RISK
240 minute summer	FC35	148	187.145	0.695	1.8	1.8935	0.0000	SURCHARGED
240 minute summer	FC36	148	187.133	0.683	1.8	1.9018	0.0000	SURCHARGED
240 minute summer	FC37	152	186.550	0.750	2.5	3.3102	0.0000	FLOOD RISK
240 minute summer	FC38	156	185.654	0.204	1.3	2.4468	0.0000	SURCHARGED
240 minute summer	FC39	140	186.091	0.641	1.3	1.0444	0.0000	SURCHARGED
240 minute summer	FC40	148	186.155	0.654	1.8	1.9415	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC33	35.000	S12	0.8	0.959	0.059	0.0160	
240 minute summer	FC33	Infiltration		0.0				0.0
240 minute summer	FC34	36.000	J30	0.8	0.536	0.134	0.0074	
240 minute summer	FC34	Infiltration		0.0				0.0
240 minute summer	FC35	37.000	J31	0.8	0.971	0.058	0.0044	
240 minute summer	FC35	Infiltration		0.0				0.0
240 minute summer	FC36	38.000	J32	0.8	1.017	0.054	0.0041	
240 minute summer	FC36	Infiltration		0.0				0.0
240 minute summer	FC37	39.000	J33	0.9	0.704	0.097	0.0080	
240 minute summer	FC37	Infiltration		0.0				0.0
240 minute summer	FC38	40.000	J34	0.4	0.738	0.035	0.0028	
240 minute summer	FC38	Infiltration		0.0				0.0
240 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037	
240 minute summer	FC39	Infiltration		0.0				0.0
240 minute summer	FC40	42.000	J36	0.8	1.188	0.042	0.0039	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC41	148	185.540	0.690	1.8	1.9031	0.0000	SURCHARGED
240 minute summer	FC42	148	185.291	0.691	1.8	1.9069	0.0000	SURCHARGED
240 minute summer	FC43	148	185.239	0.639	1.8	1.9435	0.0000	SURCHARGED
240 minute summer	FC44	124	184.625	0.025	1.3	0.0313	0.0000	OK
240 minute summer	FC45	140	185.245	0.644	1.3	1.0442	0.0000	SURCHARGED
240 minute summer	FC46	152	185.437	0.737	2.5	3.3350	0.0000	FLOOD RISK
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	148	185.497	0.697	1.8	1.8916	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC40	Infiltration		0.0				0.0
240 minute summer	FC41	43.000	J37	0.8	0.780	0.079	0.0053	
240 minute summer	FC41	Infiltration		0.0				0.0
240 minute summer	FC42	44.000	J38	0.8	0.679	0.096	0.0060	
240 minute summer	FC42	Infiltration		0.0				0.0
240 minute summer	FC43	45.000	J39	0.8	0.762	0.077	0.0045	
240 minute summer	FC43	Infiltration		0.0				0.0
240 minute summer	FC44	46.000	J40	1.3	0.891	0.122	0.0064	
240 minute summer	FC44	Infiltration		0.0				0.0
240 minute summer	FC45	47.000	S10	0.8	0.901	0.061	0.0041	
240 minute summer	FC45	Infiltration		0.0				0.0
240 minute summer	FC46	48.000	S20	0.9	0.513	0.144	0.0100	
240 minute summer	FC46	Infiltration		0.0				0.0
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0042	
240 minute summer	FC48	50.000	J42	0.8	0.640	0.060	0.0089	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC49	148	185.499	0.699	1.8	1.9101	0.0000	SURCHARGED
240 minute summer	FC50	148	185.500	0.700	1.8	1.9091	0.0000	SURCHARGED
240 minute summer	FC51	148	185.541	0.691	1.8	1.9158	0.0000	SURCHARGED
240 minute summer	FC52	148	185.927	0.677	1.8	1.9142	0.0000	SURCHARGED
240 minute summer	FC53	148	185.947	0.697	1.8	1.9006	0.0000	SURCHARGED
240 minute summer	FC54	140	185.895	0.645	1.3	1.0466	0.0000	SURCHARGED
240 minute summer	FC55	140	185.893	0.643	1.3	1.0433	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC48	Infiltration		0.0				0.0
240 minute summer	FC49	51.000	S21	0.8	0.518	0.140	0.0070	
240 minute summer	FC49	Infiltration		0.0				0.0
240 minute summer	FC50	52.000	J43	0.8	0.519	0.140	0.0075	
240 minute summer	FC50	Infiltration		0.0				0.0
240 minute summer	FC51	55.000	S22	0.8	0.521	0.139	0.0097	
240 minute summer	FC51	Infiltration		0.0				0.0
240 minute summer	FC52	58.000	S23	0.8	0.757	0.081	0.0059	
240 minute summer	FC52	Infiltration		0.0				0.0
240 minute summer	FC53	61.000	J50	0.8	0.714	0.089	0.0050	
240 minute summer	FC53	Infiltration		0.0				0.0
240 minute summer	FC54	62.000	J51	0.8	0.783	0.074	0.0041	
240 minute summer	FC54	Infiltration		0.0				0.0
240 minute summer	FC55	64.000	J53	0.8	0.990	0.054	0.0034	
240 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC56	140	185.988	0.638	1.3	1.0450	0.0000	SURCHARGED
240 minute summer	FC57	140	185.988	0.638	1.3	1.0457	0.0000	SURCHARGED
240 minute summer	FC58	140	185.994	0.644	1.3	1.0440	0.0000	SURCHARGED
240 minute summer	FC59	140	185.996	0.646	1.3	1.0445	0.0000	SURCHARGED
240 minute summer	FC60	148	186.048	0.698	1.8	1.8945	0.0000	SURCHARGED
240 minute summer	FC61	148	185.998	0.698	1.8	1.9003	0.0000	SURCHARGED
240 minute summer	FC62	152	185.978	0.728	2.5	3.3348	0.0000	FLOOD RISK
240 minute summer	FC63	140	186.046	0.646	1.3	1.0560	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC56	53.000	J44	0.8	1.022	0.051	0.0051	
240 minute summer	FC56	Infiltration		0.0				0.0
240 minute summer	FC57	54.000	J45	0.8	0.958	0.056	0.0054	
240 minute summer	FC57	Infiltration		0.0				0.0
240 minute summer	FC58	56.000	J46	0.8	0.922	0.060	0.0054	
240 minute summer	FC58	Infiltration		0.0				0.0
240 minute summer	FC59	57.000	J47	0.8	0.855	0.067	0.0060	
240 minute summer	FC59	Infiltration		0.0				0.0
240 minute summer	FC60	59.000	J48	0.8	0.855	0.070	0.0064	
240 minute summer	FC60	Infiltration		0.0				0.0
240 minute summer	FC61	60.000	J49	0.8	0.686	0.096	0.0090	
240 minute summer	FC61	Infiltration		0.0				0.0
240 minute summer	FC62	63.000	J52	0.8	0.635	0.111	0.0126	
240 minute summer	FC62	Infiltration		0.0				0.0
240 minute summer	FC63	65.000	S26	0.8	0.447	0.134	0.0064	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC64	140	185.800	0.650	1.3	1.0969	0.0000	SURCHARGED
240 minute summer	FC65	148	185.852	0.702	1.8	1.8943	0.0000	FLOOD RISK
240 minute summer	FC66	148	185.702	0.702	1.8	1.9039	0.0000	FLOOD RISK
240 minute summer	FC67	152	185.029	0.229	1.3	2.3589	0.0000	SURCHARGED
240 minute summer	FC68	140	185.195	0.645	1.3	1.0499	0.0000	SURCHARGED
240 minute summer	J1	128	188.315	0.115	8.2	0.1734	0.0000	SURCHARGED
240 minute summer	J2	128	188.163	0.107	8.9	0.1211	0.0000	OK
240 minute summer	J3	128	188.143	0.093	9.7	0.1049	0.0000	OK
240 minute summer	J4	128	188.105	0.066	10.5	0.0749	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	FC63	Infiltration		0.0				0.0
240 minute summer	FC64	66.000	J54	0.8	0.277	0.137	0.0140	
240 minute summer	FC64	Infiltration		0.0				0.0
240 minute summer	FC65	67.000	J55	0.8	0.434	0.086	0.0081	
240 minute summer	FC65	Infiltration		0.0				0.0
240 minute summer	FC66	68.000	S24	0.8	0.582	0.116	0.0030	
240 minute summer	FC66	Infiltration		0.0				0.0
240 minute summer	FC67	69.000	J56	0.5	0.431	0.078	0.0022	
240 minute summer	FC67	Infiltration		0.0				0.0
240 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027	
240 minute summer	FC68	Infiltration		0.0				0.0
240 minute summer	J1	1.001	J2	8.1	1.114	0.977	0.0382	
240 minute summer	J2	1.002	J3	8.9	0.716	0.664	0.0129	
240 minute summer	J3	1.003	J4	9.7	1.028	0.733	0.0185	
240 minute summer	J4	1.004	J5	10.5	1.520	0.309	0.0245	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J5	128	187.969	0.059	11.3	0.0662	0.0000	OK
240 minute summer	J6	128	187.736	0.086	12.1	0.0969	0.0000	OK
240 minute summer	J7	128	187.622	0.097	12.9	0.1098	0.0000	OK
240 minute summer	J8	128	187.581	0.060	13.6	0.0683	0.0000	OK
240 minute summer	J9	128	187.376	0.101	14.5	0.1145	0.0000	OK
240 minute summer	J10	128	187.332	0.062	15.3	0.0696	0.0000	OK
240 minute summer	J11	128	187.211	0.090	16.2	0.1020	0.0000	OK
240 minute summer	J12	124	186.919	0.110	25.7	0.1246	0.0000	OK
240 minute summer	J13	128	186.798	0.171	26.1	0.1928	0.0000	OK
240 minute summer	J14	128	186.780	0.158	26.9	0.1787	0.0000	OK
240 minute summer	J15	128	186.756	0.139	27.6	0.1568	0.0000	OK
240 minute summer	J16	248	186.726	0.121	28.4	0.1373	0.0000	OK
240 minute summer	J17	248	186.727	0.444	29.2	0.5017	0.0000	SURCHARGED
240 minute summer	J18	248	186.726	0.601	34.3	0.6801	0.0000	SURCHARGED
240 minute summer	J19	248	186.726	0.699	40.1	0.7909	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J5	1.005	J6	11.3	1.355	0.297	0.0476	
240 minute summer	J6	1.006	J7	12.1	1.333	0.427	0.0179	
240 minute summer	J7	1.007	J8	12.8	1.037	0.417	0.0141	
240 minute summer	J8	1.008	J9	13.7	1.073	0.154	0.1094	
240 minute summer	J9	1.009	J10	14.5	1.121	0.434	0.0157	
240 minute summer	J10	1.010	J11	15.4	1.309	0.119	0.0289	
240 minute summer	J11	1.011	S2	16.2	0.734	0.251	0.1198	
240 minute summer	J12	1.013	J13	25.6	1.448	0.383	0.1146	
240 minute summer	J13	1.014	J14	26.1	0.661	0.460	0.0748	
240 minute summer	J14	1.015	J15	26.9	0.774	0.477	0.0665	
240 minute summer	J15	1.016	J16	27.7	1.007	0.519	0.1410	
240 minute summer	J16	1.017	J17	28.5	1.391	0.200	0.1173	
240 minute summer	J17	1.018	S3	45.5	1.122	0.146	0.1328	
240 minute summer	J18	1.020	J19	39.2	1.020	0.137	0.1049	
240 minute summer	J19	1.021	S4	35.1	0.931	0.637	0.3096	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J20	248	186.726	0.695	6.3	0.7858	0.0000	SURCHARGED
240 minute summer	J21	248	186.726	0.717	7.1	0.8107	0.0000	SURCHARGED
240 minute summer	J22	248	186.726	0.763	7.8	0.8628	0.0000	SURCHARGED
240 minute summer	J23	248	186.726	0.784	8.2	0.8866	0.0000	SURCHARGED
240 minute summer	J24	248	186.726	0.909	13.8	1.0280	0.0000	SURCHARGED
240 minute summer	J25	248	186.726	0.930	14.1	1.0518	0.0000	SURCHARGED
240 minute summer	J26	248	186.726	0.947	14.3	1.0711	0.0000	SURCHARGED
240 minute summer	J27	248	186.726	0.990	19.7	1.1198	0.0000	SURCHARGED
240 minute summer	J28	128	186.461	0.105	5.6	0.1191	0.0000	SURCHARGED
240 minute summer	J29	128	186.376	0.105	6.2	0.1186	0.0000	SURCHARGED
240 minute summer	J30	124	186.273	0.126	12.6	0.1425	0.0000	OK
240 minute summer	J31	124	186.156	0.112	13.4	0.1267	0.0000	OK
240 minute summer	J32	124	186.113	0.102	14.1	0.1150	0.0000	OK
240 minute summer	J33	124	185.601	0.066	19.8	0.0748	0.0000	OK
240 minute summer	J34	124	185.261	0.136	25.6	0.1535	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J20	23.002	J21	6.3	0.605	0.463	0.0665	
240 minute summer	J21	23.003	J22	7.0	0.630	0.524	0.1411	
240 minute summer	J22	23.004	J23	7.8	0.674	0.576	0.0633	
240 minute summer	J23	23.005	S18	8.1	0.767	0.607	0.1321	
240 minute summer	J24	23.007	J25	13.3	0.517	0.442	0.2458	
240 minute summer	J25	23.008	J26	13.5	0.516	0.448	0.1975	
240 minute summer	J26	23.009	S19	14.2	0.529	0.464	0.1474	
240 minute summer	J27	23.011	S4	19.6	0.849	0.656	0.0951	
240 minute summer	J28	32.001	J29	5.4	0.726	0.912	0.0691	
240 minute summer	J29	32.002	S12	6.2	0.818	1.044	0.0344	
240 minute summer	J30	32.004	J31	12.6	0.866	0.946	0.0717	
240 minute summer	J31	32.005	J32	13.3	0.718	0.444	0.1810	
240 minute summer	J32	32.006	S13	14.1	1.011	0.468	0.0746	
240 minute summer	J33	32.008	S14	19.8	1.137	0.190	0.1591	
240 minute summer	J34	32.010	J35	25.6	1.255	0.664	0.1840	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J35	124	185.169	0.094	26.4	0.1066	0.0000	OK
240 minute summer	J36	124	185.017	0.142	27.1	0.1609	0.0000	OK
240 minute summer	J37	124	184.646	0.146	33.4	0.1648	0.0000	OK
240 minute summer	J38	124	184.503	0.203	39.7	0.2297	0.0000	OK
240 minute summer	J39	124	184.457	0.183	40.4	0.2065	0.0000	OK
240 minute summer	J40	124	184.415	0.150	41.7	0.1699	0.0000	OK
240 minute summer	J41	156	184.623	0.026	0.9	0.0289	0.0000	OK
240 minute summer	J42	152	184.575	0.038	1.7	0.0429	0.0000	OK
240 minute summer	J43	124	184.472	0.092	6.6	0.1045	0.0000	OK
240 minute summer	J44	124	184.457	0.087	7.3	0.0985	0.0000	OK
240 minute summer	J45	128	184.419	0.099	8.1	0.1114	0.0000	OK
240 minute summer	J46	128	184.390	0.168	12.9	0.1900	0.0000	OK
240 minute summer	J47	128	184.384	0.177	13.7	0.2002	0.0000	OK
240 minute summer	J48	128	184.369	0.175	18.5	0.1979	0.0000	OK
240 minute summer	J49	128	184.353	0.184	19.4	0.2083	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J35	32.011	J36	26.3	1.245	0.296	0.1450	
240 minute summer	J36	32.012	S15	27.1	1.227	0.902	0.0523	
240 minute summer	J37	32.014	S16	33.4	1.219	0.604	0.1427	
240 minute summer	J38	32.016	J39	39.7	0.829	0.734	0.5173	
240 minute summer	J39	32.017	J40	40.4	1.007	0.738	0.1465	
240 minute summer	J40	32.018	S10	41.6	1.268	0.418	0.3139	
240 minute summer	J41	48.002	J42	0.9	0.460	0.144	0.0134	
240 minute summer	J42	48.003	S21	1.7	0.635	0.286	0.0217	
240 minute summer	J43	48.005	J44	6.6	0.597	0.470	0.0177	
240 minute summer	J44	48.006	J45	7.3	0.652	0.548	0.1002	
240 minute summer	J45	48.007	S22	8.1	0.734	0.595	0.0276	
240 minute summer	J46	48.009	J47	12.9	0.399	0.419	0.1376	
240 minute summer	J47	48.010	S23	13.7	0.406	0.455	0.0892	
240 minute summer	J48	48.012	J49	18.6	0.550	0.621	0.2530	
240 minute summer	J49	48.013	J50	19.4	0.569	0.632	0.0388	

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J50	128	184.342	0.177	20.2	0.2004	0.0000	OK
240 minute summer	J51	128	184.325	0.177	21.0	0.2000	0.0000	OK
240 minute summer	J52	128	184.309	0.165	21.8	0.1867	0.0000	OK
240 minute summer	J53	128	184.281	0.154	22.6	0.1745	0.0000	OK
240 minute summer	J54	124	185.216	0.087	5.5	0.0983	0.0000	OK
240 minute summer	J55	124	185.169	0.075	6.2	0.0848	0.0000	OK
240 minute summer	J56	128	184.208	0.201	33.9	0.2269	0.0000	OK
240 minute summer	J57	128	184.181	0.196	34.7	0.2215	0.0000	OK
240 minute summer	BASIN 1	248	186.726	1.801	58.8	260.9318	0.0000	FLOOD RISK
240 minute summer	BASIN 2	344	184.855	0.555	5.1	56.2194	0.0000	OK
240 minute summer	BASIN 3	480	183.397	0.297	55.3	310.9306	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	J50	48.014	J51	20.2	0.603	0.676	0.1700	
240 minute summer	J51	48.015	J52	21.0	0.649	0.685	0.0367	
240 minute summer	J52	48.016	J53	21.8	0.725	0.716	0.1468	
240 minute summer	J53	48.017	S24	22.6	0.867	0.751	0.2753	
240 minute summer	J54	65.002	J55	5.4	0.802	0.919	0.0246	
240 minute summer	J55	65.003	S24	6.2	1.033	0.817	0.0473	
240 minute summer	J56	48.019	J57	33.9	0.686	0.625	0.4488	
240 minute summer	J57	48.020	S25	34.7	0.742	0.636	0.2859	
240 minute summer	BASIN 1	1.023	S5	4.7	0.233	0.056	0.9418	
240 minute summer	BASIN 1	Infiltration		0.1				2.8
240 minute summer	BASIN 2	1.027	S7	4.4	0.603	0.054	0.1642	
240 minute summer	BASIN 2	71.000	BH1	1.4	0.587	0.237	0.1829	
240 minute summer	BASIN 2	Infiltration		0.0				0.0
240 minute summer	BASIN 3	1.034	BH2	3.9	0.599	0.032	1.3211	
240 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	BASIN 4	308	184.103	0.773	44.4	238.2929	0.0000	SURCHARGED
240 minute summer	SWALE 1	248	184.935	0.061	4.6	0.0872	0.0000	OK
240 minute summer	SWALE 2	344	184.433	0.058	4.4	0.0834	0.0000	OK
240 minute summer	SWALE 3	128	184.160	0.165	47.8	0.2366	0.0000	OK
240 minute summer	BH1	344	184.855	0.778	1.4	3.0569	0.0000	OK
240 minute summer	BH2	480	183.397	0.314	3.9	3.1660	0.0000	OK
240 minute summer	BH3	308	184.103	0.784	2.0	5.2627	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	BASIN 4	48.022	BH3	2.0	0.550	0.038	0.3211	
240 minute summer	BASIN 4	Infiltration		0.0				0.0
240 minute summer	SWALE 1	1.025	S6	4.6	0.414	0.056	0.4300	
240 minute summer	SWALE 2	1.029	S8	4.4	0.576	0.054	0.2024	
240 minute summer	SWALE 3	1.033	BASIN 3	47.9	1.053	0.383	1.9642	
240 minute summer	BH1	Infiltration		0.1				2.4
240 minute summer	BH2	Infiltration		0.2				3.4
240 minute summer	BH3	Infiltration		0.2				4.8

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.407	0.037	2.5	0.0552	0.0000	OK
240 minute winter	S2	128	187.177	0.138	19.7	0.2476	0.0000	OK
240 minute winter	S3	240	186.726	0.589	34.6	0.7941	0.0000	SURCHARGED
240 minute winter	S4	244	186.725	1.347	44.6	1.7475	0.0000	SURCHARGED
240 minute winter	S5	244	186.725	1.815	4.7	2.5974	0.0000	FLOOD RISK
240 minute winter	S6	328	184.869	0.061	4.6	0.0876	0.0000	OK
240 minute winter	S7	344	184.791	0.032	4.4	0.0451	0.0000	OK
240 minute winter	S8	344	184.364	0.034	4.4	0.0484	0.0000	OK
240 minute winter	S9	128	184.217	0.092	4.4	0.1315	0.0000	OK
240 minute winter	S10	128	184.217	0.104	35.8	0.1932	0.0000	OK
240 minute winter	S11	124	186.459	0.059	3.3	0.0958	0.0000	OK
240 minute winter	S12	124	186.280	0.104	8.7	0.1570	0.0000	OK
240 minute winter	S13	124	186.054	0.061	14.3	0.0934	0.0000	OK
240 minute winter	S14	128	185.288	0.113	18.8	0.1831	0.0000	OK
240 minute winter	S15	128	184.953	0.086	24.4	0.1397	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S1	1.000	J1	2.5	0.600	0.286	0.0342	
240 minute winter	S2	1.012	J12	19.7	0.851	0.660	0.0346	
240 minute winter	S3	1.019	J18	29.9	1.081	0.560	0.3613	
240 minute winter	S4	1.022	BASIN 1	44.2	1.253	0.264	1.1778	
240 minute winter	S5	1.024	SWALE 1	4.6	0.404	0.056	0.2354	
240 minute winter	S6	1.026	BASIN 2	4.6	0.490	0.054	0.0641	
240 minute winter	S7	1.028	SWALE 2	4.4	0.598	0.015	0.1273	
240 minute winter	S8	1.030	S9	4.4	0.632	0.017	0.1255	
240 minute winter	S9	1.031	S10	4.4	0.668	0.053	0.1528	
240 minute winter	S10	1.032	SWALE 3	35.8	1.151	0.108	0.1362	
240 minute winter	S11	32.000	J28	3.3	0.653	0.553	0.0228	
240 minute winter	S12	32.003	J30	8.7	0.674	0.653	0.0658	
240 minute winter	S13	32.007	J33	14.3	1.716	0.146	0.1087	
240 minute winter	S14	32.009	J34	18.8	0.935	0.371	0.1055	
240 minute winter	S15	32.013	J37	24.4	1.851	0.264	0.1230	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.567	0.080	28.9	0.1252	0.0000	OK
240 minute winter	S17	244	186.725	0.575	3.8	0.9416	0.0000	SURCHARGED
240 minute winter	S18	244	186.725	0.901	9.8	1.3636	0.0000	SURCHARGED
240 minute winter	S19	244	186.725	0.959	14.7	1.4120	0.0000	SURCHARGED
240 minute winter	S20	164	184.668	0.026	0.8	0.0299	0.0000	OK
240 minute winter	S21	128	184.479	0.070	4.6	0.0940	0.0000	OK
240 minute winter	S22	128	184.367	0.136	9.8	0.1782	0.0000	OK
240 minute winter	S23	128	184.351	0.153	14.2	0.1989	0.0000	OK
240 minute winter	S24	128	184.199	0.182	27.2	0.2432	0.0000	OK
240 minute winter	S25	128	184.131	0.161	30.9	0.2269	0.0000	OK
240 minute winter	S26	128	185.417	0.040	3.4	0.0598	0.0000	OK
240 minute winter	FC1	152	188.910	0.660	1.2	1.3414	0.0000	SURCHARGED
240 minute winter	FC2	152	188.808	0.658	1.2	1.3448	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	S16	32.015	J38	28.9	1.043	0.091	0.0647	
240 minute winter	S17	23.001	J20	3.8	0.773	0.640	0.0560	
240 minute winter	S18	23.006	J24	9.6	0.486	0.301	0.0729	
240 minute winter	S19	23.010	J27	14.5	0.667	0.484	0.3541	
240 minute winter	S20	48.001	J41	0.8	0.522	0.141	0.0074	
240 minute winter	S21	48.004	J43	4.6	0.519	0.344	0.0453	
240 minute winter	S22	48.008	J46	9.8	0.399	0.312	0.0620	
240 minute winter	S23	48.011	J48	14.2	0.504	0.461	0.0316	
240 minute winter	S24	48.018	J56	27.2	0.621	0.508	0.1857	
240 minute winter	S25	48.021	BASIN 4	30.9	0.893	0.580	0.1332	
240 minute winter	S26	65.001	J54	3.4	0.796	0.329	0.0366	
240 minute winter	FC1	2.000	J1	0.8	0.397	0.130	0.0171	
240 minute winter	FC1	Infiltration		0.0				0.0
240 minute winter	FC2	3.000	J2	0.8	0.516	0.135	0.0099	
240 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC3	164	188.897	0.697	1.6	2.8310	0.0000	SURCHARGED
240 minute winter	FC4	140	188.789	0.589	0.9	0.7433	0.0000	SURCHARGED
240 minute winter	FC5	152	188.656	0.656	1.2	1.3488	0.0000	SURCHARGED
240 minute winter	FC6	140	188.437	0.587	0.9	0.7412	0.0000	SURCHARGED
240 minute winter	FC7	140	188.339	0.589	0.9	0.7439	0.0000	SURCHARGED
240 minute winter	FC8	152	188.407	0.657	1.2	1.3348	0.0000	SURCHARGED
240 minute winter	FC9	140	188.061	0.591	0.9	0.7462	0.0000	SURCHARGED
240 minute winter	FC10	164	188.182	0.712	1.6	2.8089	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC3	4.000	J3	0.8	0.546	0.133	0.0157	
240 minute winter	FC3	Infiltration		0.0				0.0
240 minute winter	FC4	5.000	J4	0.8	0.602	0.102	0.0093	
240 minute winter	FC4	Infiltration		0.0				0.0
240 minute winter	FC5	6.000	J5	0.8	0.513	0.135	0.0065	
240 minute winter	FC5	Infiltration		0.0				0.0
240 minute winter	FC6	7.000	J6	0.8	0.669	0.088	0.0092	
240 minute winter	FC6	Infiltration		0.0				0.0
240 minute winter	FC7	8.000	J7	0.8	0.582	0.107	0.0095	
240 minute winter	FC7	Infiltration		0.0				0.0
240 minute winter	FC8	9.000	J8	0.8	0.723	0.084	0.0047	
240 minute winter	FC8	Infiltration		0.0				0.0
240 minute winter	FC9	10.000	J9	0.8	0.513	0.128	0.0107	
240 minute winter	FC9	Infiltration		0.0				0.0
240 minute winter	FC10	11.000	J10	0.8	0.568	0.126	0.0092	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC11	152	187.981	0.661	1.2	1.3432	0.0000	SURCHARGED
240 minute winter	FC12	152	187.892	0.662	1.2	1.3426	0.0000	SURCHARGED
240 minute winter	FC13	152	187.661	0.661	1.2	1.3436	0.0000	SURCHARGED
240 minute winter	FC14	168	187.159	0.259	1.2	3.3123	0.0000	SURCHARGED
240 minute winter	FC15	140	187.782	0.582	0.9	0.7355	0.0000	SURCHARGED
240 minute winter	FC16	140	187.490	0.590	0.9	0.7454	0.0000	SURCHARGED
240 minute winter	FC17	140	187.585	0.585	0.9	0.7383	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC10	Infiltration		0.0				0.0
240 minute winter	FC11	12.000	J11	0.8	0.519	0.137	0.0120	
240 minute winter	FC11	Infiltration		0.0				0.0
240 minute winter	FC12	13.000	S2	0.8	0.519	0.136	0.0107	
240 minute winter	FC12	Infiltration		0.0				0.0
240 minute winter	FC13	14.000	J12	0.8	0.520	0.136	0.0106	
240 minute winter	FC13	Infiltration		0.0				0.0
240 minute winter	FC14	15.000	J13	0.5	0.454	0.083	0.0082	
240 minute winter	FC14	Infiltration		0.0				0.0
240 minute winter	FC15	16.000	J14	0.8	1.086	0.044	0.0033	
240 minute winter	FC15	Infiltration		0.0				0.0
240 minute winter	FC16	17.000	J15	0.8	0.536	0.120	0.0108	
240 minute winter	FC16	Infiltration		0.0				0.0
240 minute winter	FC17	18.000	J16	0.8	0.849	0.062	0.0043	
240 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC18	140	187.141	0.591	0.9	0.7463	0.0000	SURCHARGED
240 minute winter	FC19	152	187.061	0.661	1.2	1.3436	0.0000	SURCHARGED
240 minute winter	FC20	152	187.606	0.656	1.2	1.3258	0.0000	SURCHARGED
240 minute winter	FC21	152	186.958	0.658	1.2	1.3465	0.0000	SURCHARGED
240 minute winter	FC22	252	186.722	0.272	0.9	2.6335	0.0000	SURCHARGED
240 minute winter	FC23	140	186.884	0.584	0.9	0.7372	0.0000	SURCHARGED
240 minute winter	FC24	152	186.957	0.657	1.2	1.3292	0.0000	SURCHARGED
240 minute winter	FC25	152	187.206	0.656	1.2	1.3253	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC18	19.000	J17	0.8	0.510	0.129	0.0548	
240 minute winter	FC18	Infiltration		0.0				0.0
240 minute winter	FC19	20.000	S3	1.0	0.517	0.164	0.0517	
240 minute winter	FC19	Infiltration		0.0				0.0
240 minute winter	FC20	21.000	J18	0.8	1.046	0.050	0.0143	
240 minute winter	FC20	Infiltration		0.0				0.0
240 minute winter	FC21	22.000	J19	0.8	0.518	0.139	0.0599	
240 minute winter	FC21	Infiltration		0.0				0.0
240 minute winter	FC22	23.000	S17	0.5	0.178	0.030	0.0373	
240 minute winter	FC22	Infiltration		0.0				0.0
240 minute winter	FC23	24.000	J20	0.8	0.835	0.057	0.0359	
240 minute winter	FC23	Infiltration		0.0				0.0
240 minute winter	FC24	25.000	J21	0.8	0.910	0.058	0.0363	
240 minute winter	FC24	Infiltration		0.0				0.0
240 minute winter	FC25	26.000	J22	0.8	1.037	0.051	0.0370	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC26	252	186.720	0.270	0.9	2.7255	0.0000	SURCHARGED
240 minute winter	FC27	140	187.081	0.581	0.9	0.7340	0.0000	SURCHARGED
240 minute winter	FC28	152	187.155	0.655	1.2	1.3261	0.0000	SURCHARGED
240 minute winter	FC29	152	187.152	0.652	1.2	1.3291	0.0000	SURCHARGED
240 minute winter	FC30	152	187.406	0.656	1.2	1.3275	0.0000	SURCHARGED
240 minute winter	FC31	140	187.037	0.586	0.9	0.7407	0.0000	SURCHARGED
240 minute winter	FC32	140	187.034	0.584	0.9	0.7375	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC25	Infiltration		0.0				0.0
240 minute winter	FC26	27.000	J23	0.5	0.762	0.034	0.0361	
240 minute winter	FC26	Infiltration		0.0				0.0
240 minute winter	FC27	28.000	J24	0.8	1.214	0.035	0.0352	
240 minute winter	FC27	Infiltration		0.0				0.0
240 minute winter	FC28	29.000	J25	0.8	1.042	0.051	0.0341	
240 minute winter	FC28	Infiltration		0.0				0.0
240 minute winter	FC29	30.000	J26	0.8	1.013	0.052	0.0369	
240 minute winter	FC29	Infiltration		0.0				0.0
240 minute winter	FC30	31.000	J27	0.8	0.973	0.056	0.0188	
240 minute winter	FC30	Infiltration		0.0				0.0
240 minute winter	FC31	33.000	J28	0.8	0.325	0.084	0.0133	
240 minute winter	FC31	Infiltration		0.0				0.0
240 minute winter	FC32	34.000	J29	0.8	0.279	0.060	0.0145	
240 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC33	152	187.108	0.658	1.2	1.3247	0.0000	SURCHARGED
240 minute winter	FC34	152	187.110	0.660	1.2	1.3439	0.0000	SURCHARGED
240 minute winter	FC35	152	187.106	0.656	1.2	1.3277	0.0000	SURCHARGED
240 minute winter	FC36	152	187.100	0.650	1.2	1.3314	0.0000	SURCHARGED
240 minute winter	FC37	164	186.522	0.722	1.6	2.7840	0.0000	FLOOD RISK
240 minute winter	FC38	164	185.643	0.193	0.9	2.3183	0.0000	SURCHARGED
240 minute winter	FC39	140	186.033	0.583	0.9	0.7368	0.0000	SURCHARGED
240 minute winter	FC40	152	186.115	0.615	1.2	1.3815	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC33	35.000	S12	0.8	0.951	0.057	0.0105	
240 minute winter	FC33	Infiltration		0.0				0.0
240 minute winter	FC34	36.000	J30	0.8	0.531	0.130	0.0072	
240 minute winter	FC34	Infiltration		0.0				0.0
240 minute winter	FC35	37.000	J31	0.8	0.963	0.057	0.0043	
240 minute winter	FC35	Infiltration		0.0				0.0
240 minute winter	FC36	38.000	J32	0.8	1.009	0.053	0.0040	
240 minute winter	FC36	Infiltration		0.0				0.0
240 minute winter	FC37	39.000	J33	0.8	0.700	0.095	0.0079	
240 minute winter	FC37	Infiltration		0.0				0.0
240 minute winter	FC38	40.000	J34	0.4	0.732	0.034	0.0028	
240 minute winter	FC38	Infiltration		0.0				0.0
240 minute winter	FC39	41.000	J35	0.8	0.954	0.053	0.0035	
240 minute winter	FC39	Infiltration		0.0				0.0
240 minute winter	FC40	42.000	J36	0.8	1.178	0.041	0.0034	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC41	152	185.503	0.653	1.2	1.3356	0.0000	SURCHARGED
240 minute winter	FC42	152	185.254	0.654	1.2	1.3398	0.0000	SURCHARGED
240 minute winter	FC43	152	185.229	0.629	1.2	1.3566	0.0000	SURCHARGED
240 minute winter	FC44	120	184.620	0.020	0.9	0.0258	0.0000	OK
240 minute winter	FC45	140	185.184	0.584	0.9	0.7377	0.0000	SURCHARGED
240 minute winter	FC46	164	185.412	0.712	1.6	2.8132	0.0000	FLOOD RISK
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	152	185.457	0.656	1.2	1.3265	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC40	Infiltration		0.0				0.0
240 minute winter	FC41	43.000	J37	0.8	0.774	0.077	0.0052	
240 minute winter	FC41	Infiltration		0.0				0.0
240 minute winter	FC42	44.000	J38	0.8	0.674	0.093	0.0059	
240 minute winter	FC42	Infiltration		0.0				0.0
240 minute winter	FC43	45.000	J39	0.8	0.760	0.076	0.0045	
240 minute winter	FC43	Infiltration		0.0				0.0
240 minute winter	FC44	46.000	J40	0.9	0.805	0.084	0.0049	
240 minute winter	FC44	Infiltration		0.0				0.0
240 minute winter	FC45	47.000	S10	0.8	0.888	0.058	0.0040	
240 minute winter	FC45	Infiltration		0.0				0.0
240 minute winter	FC46	48.000	S20	0.8	0.511	0.141	0.0098	
240 minute winter	FC46	Infiltration		0.0				0.0
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
240 minute winter	FC48	50.000	J42	0.8	0.483	0.058	0.0088	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC49	152	185.458	0.658	1.2	1.3466	0.0000	SURCHARGED
240 minute winter	FC50	152	185.459	0.659	1.2	1.3460	0.0000	SURCHARGED
240 minute winter	FC51	152	185.504	0.654	1.2	1.3493	0.0000	SURCHARGED
240 minute winter	FC52	152	185.897	0.647	1.2	1.3418	0.0000	SURCHARGED
240 minute winter	FC53	152	185.907	0.657	1.2	1.3358	0.0000	SURCHARGED
240 minute winter	FC54	140	185.836	0.586	0.9	0.7396	0.0000	SURCHARGED
240 minute winter	FC55	140	185.833	0.583	0.9	0.7366	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC48	Infiltration		0.0				0.0
240 minute winter	FC49	51.000	S21	0.8	0.514	0.136	0.0068	
240 minute winter	FC49	Infiltration		0.0				0.0
240 minute winter	FC50	52.000	J43	0.8	0.515	0.136	0.0073	
240 minute winter	FC50	Infiltration		0.0				0.0
240 minute winter	FC51	55.000	S22	0.8	0.517	0.136	0.0095	
240 minute winter	FC51	Infiltration		0.0				0.0
240 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058	
240 minute winter	FC52	Infiltration		0.0				0.0
240 minute winter	FC53	61.000	J50	0.8	0.708	0.087	0.0049	
240 minute winter	FC53	Infiltration		0.0				0.0
240 minute winter	FC54	62.000	J51	0.8	0.772	0.071	0.0039	
240 minute winter	FC54	Infiltration		0.0				0.0
240 minute winter	FC55	64.000	J53	0.8	0.976	0.051	0.0032	
240 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC56	140	185.933	0.583	0.9	0.7362	0.0000	SURCHARGED
240 minute winter	FC57	140	185.933	0.583	0.9	0.7369	0.0000	SURCHARGED
240 minute winter	FC58	140	185.934	0.584	0.9	0.7374	0.0000	SURCHARGED
240 minute winter	FC59	140	185.935	0.585	0.9	0.7383	0.0000	SURCHARGED
240 minute winter	FC60	152	186.007	0.657	1.2	1.3298	0.0000	SURCHARGED
240 minute winter	FC61	152	185.958	0.658	1.2	1.3362	0.0000	SURCHARGED
240 minute winter	FC62	164	185.955	0.705	1.6	2.8120	0.0000	FLOOD RISK
240 minute winter	FC63	140	185.991	0.591	0.9	0.7461	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC56	53.000	J44	0.8	1.009	0.049	0.0050	
240 minute winter	FC56	Infiltration		0.0				0.0
240 minute winter	FC57	54.000	J45	0.8	0.946	0.054	0.0052	
240 minute winter	FC57	Infiltration		0.0				0.0
240 minute winter	FC58	56.000	J46	0.8	0.909	0.057	0.0052	
240 minute winter	FC58	Infiltration		0.0				0.0
240 minute winter	FC59	57.000	J47	0.8	0.842	0.063	0.0058	
240 minute winter	FC59	Infiltration		0.0				0.0
240 minute winter	FC60	59.000	J48	0.8	0.848	0.068	0.0063	
240 minute winter	FC60	Infiltration		0.0				0.0
240 minute winter	FC61	60.000	J49	0.8	0.680	0.093	0.0088	
240 minute winter	FC61	Infiltration		0.0				0.0
240 minute winter	FC62	63.000	J52	0.8	0.632	0.109	0.0124	
240 minute winter	FC62	Infiltration		0.0				0.0
240 minute winter	FC63	65.000	S26	0.8	0.393	0.129	0.0052	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC64	140	185.759	0.609	0.9	0.7688	0.0000	SURCHARGED
240 minute winter	FC65	152	185.809	0.659	1.2	1.3313	0.0000	SURCHARGED
240 minute winter	FC66	152	185.660	0.660	1.2	1.3414	0.0000	SURCHARGED
240 minute winter	FC67	164	185.016	0.215	0.9	2.2181	0.0000	SURCHARGED
240 minute winter	FC68	140	185.138	0.587	0.9	0.7420	0.0000	SURCHARGED
240 minute winter	J1	128	188.269	0.069	5.8	0.1033	0.0000	OK
240 minute winter	J2	128	188.146	0.090	6.6	0.1013	0.0000	OK
240 minute winter	J3	128	188.129	0.079	7.4	0.0895	0.0000	OK
240 minute winter	J4	128	188.096	0.057	8.1	0.0640	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	FC63	Infiltration		0.0				0.0
240 minute winter	FC64	66.000	J54	0.8	0.246	0.130	0.0103	
240 minute winter	FC64	Infiltration		0.0				0.0
240 minute winter	FC65	67.000	J55	0.8	0.391	0.083	0.0069	
240 minute winter	FC65	Infiltration		0.0				0.0
240 minute winter	FC66	68.000	S24	0.8	0.577	0.112	0.0030	
240 minute winter	FC66	Infiltration		0.0				0.0
240 minute winter	FC67	69.000	J56	0.4	0.427	0.076	0.0022	
240 minute winter	FC67	Infiltration		0.0				0.0
240 minute winter	FC68	70.000	J57	0.8	0.667	0.085	0.0026	
240 minute winter	FC68	Infiltration		0.0				0.0
240 minute winter	J1	1.001	J2	5.8	1.074	0.698	0.0271	
240 minute winter	J2	1.002	J3	6.6	0.646	0.490	0.0106	
240 minute winter	J3	1.003	J4	7.4	0.956	0.556	0.0151	
240 minute winter	J4	1.004	J5	8.1	1.436	0.238	0.0200	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J5	128	187.961	0.051	8.9	0.0572	0.0000	OK
240 minute winter	J6	128	187.724	0.074	9.6	0.0835	0.0000	OK
240 minute winter	J7	128	187.611	0.086	10.3	0.0974	0.0000	OK
240 minute winter	J8	128	187.575	0.053	11.3	0.0605	0.0000	OK
240 minute winter	J9	128	187.367	0.092	11.8	0.1036	0.0000	OK
240 minute winter	J10	128	187.324	0.054	12.6	0.0615	0.0000	OK
240 minute winter	J11	132	187.199	0.078	13.4	0.0887	0.0000	OK
240 minute winter	J12	128	186.905	0.096	20.5	0.1087	0.0000	OK
240 minute winter	J13	128	186.778	0.151	20.9	0.1704	0.0000	OK
240 minute winter	J14	128	186.762	0.140	21.6	0.1586	0.0000	OK
240 minute winter	J15	128	186.741	0.124	22.3	0.1398	0.0000	OK
240 minute winter	J16	240	186.726	0.121	23.1	0.1364	0.0000	OK
240 minute winter	J17	240	186.726	0.443	35.9	0.5008	0.0000	SURCHARGED
240 minute winter	J18	240	186.726	0.600	30.7	0.6791	0.0000	SURCHARGED
240 minute winter	J19	244	186.725	0.698	42.8	0.7899	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J5	1.005	J6	8.9	1.288	0.232	0.0393	
240 minute winter	J6	1.006	J7	9.6	1.264	0.338	0.0150	
240 minute winter	J7	1.007	J8	10.5	1.004	0.342	0.0119	
240 minute winter	J8	1.008	J9	11.1	1.006	0.125	0.0947	
240 minute winter	J9	1.009	J10	11.8	1.062	0.355	0.0135	
240 minute winter	J10	1.010	J11	12.6	1.295	0.098	0.0241	
240 minute winter	J11	1.011	S2	13.4	0.718	0.209	0.1016	
240 minute winter	J12	1.013	J13	20.5	1.374	0.306	0.0966	
240 minute winter	J13	1.014	J14	20.9	0.617	0.369	0.0642	
240 minute winter	J14	1.015	J15	21.6	0.725	0.384	0.0571	
240 minute winter	J15	1.016	J16	22.3	0.952	0.419	0.1277	
240 minute winter	J16	1.017	J17	23.0	1.321	0.162	0.1165	
240 minute winter	J17	1.018	S3	32.3	1.110	0.104	0.1328	
240 minute winter	J18	1.020	J19	42.0	0.972	0.147	0.1049	
240 minute winter	J19	1.021	S4	28.5	0.873	0.517	0.3096	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J20	244	186.725	0.694	4.5	0.7852	0.0000	SURCHARGED
240 minute winter	J21	244	186.725	0.716	5.3	0.8100	0.0000	SURCHARGED
240 minute winter	J22	244	186.725	0.762	6.1	0.8621	0.0000	SURCHARGED
240 minute winter	J23	244	186.725	0.783	6.4	0.8858	0.0000	SURCHARGED
240 minute winter	J24	244	186.725	0.908	10.3	1.0272	0.0000	SURCHARGED
240 minute winter	J25	244	186.725	0.929	11.0	1.0510	0.0000	SURCHARGED
240 minute winter	J26	244	186.725	0.946	11.5	1.0702	0.0000	SURCHARGED
240 minute winter	J27	244	186.725	0.989	15.3	1.1189	0.0000	SURCHARGED
240 minute winter	J28	124	186.420	0.063	4.0	0.0718	0.0000	OK
240 minute winter	J29	128	186.345	0.074	4.7	0.0832	0.0000	OK
240 minute winter	J30	124	186.250	0.103	9.5	0.1164	0.0000	OK
240 minute winter	J31	124	186.141	0.097	10.3	0.1091	0.0000	OK
240 minute winter	J32	128	186.100	0.089	11.1	0.1010	0.0000	OK
240 minute winter	J33	124	185.593	0.058	15.1	0.0653	0.0000	OK
240 minute winter	J34	128	185.240	0.115	19.2	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J20	23.002	J21	4.5	0.561	0.334	0.0665	
240 minute winter	J21	23.003	J22	5.3	0.588	0.396	0.1411	
240 minute winter	J22	23.004	J23	6.0	0.635	0.447	0.0633	
240 minute winter	J23	23.005	S18	6.4	0.722	0.479	0.1321	
240 minute winter	J24	23.007	J25	10.2	0.500	0.338	0.2458	
240 minute winter	J25	23.008	J26	10.8	0.498	0.356	0.1975	
240 minute winter	J26	23.009	S19	11.3	0.513	0.370	0.1474	
240 minute winter	J27	23.011	S4	15.7	0.785	0.527	0.0951	
240 minute winter	J28	32.001	J29	4.0	0.696	0.671	0.0503	
240 minute winter	J29	32.002	S12	4.7	0.796	0.785	0.0272	
240 minute winter	J30	32.004	J31	9.5	0.793	0.715	0.0595	
240 minute winter	J31	32.005	J32	10.3	0.665	0.342	0.1505	
240 minute winter	J32	32.006	S13	11.1	0.956	0.368	0.0618	
240 minute winter	J33	32.008	S14	15.1	1.096	0.145	0.1271	
240 minute winter	J34	32.010	J35	19.2	1.181	0.497	0.1470	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J35	128	185.153	0.078	19.9	0.0886	0.0000	OK
240 minute winter	J36	128	184.996	0.121	20.7	0.1373	0.0000	OK
240 minute winter	J37	128	184.624	0.124	25.2	0.1399	0.0000	OK
240 minute winter	J38	128	184.469	0.169	29.7	0.1915	0.0000	OK
240 minute winter	J39	128	184.428	0.154	30.5	0.1738	0.0000	OK
240 minute winter	J40	128	184.392	0.127	31.4	0.1437	0.0000	OK
240 minute winter	J41	164	184.622	0.025	0.8	0.0287	0.0000	OK
240 minute winter	J42	156	184.574	0.037	1.6	0.0423	0.0000	OK
240 minute winter	J43	128	184.461	0.081	5.4	0.0918	0.0000	OK
240 minute winter	J44	128	184.447	0.077	6.1	0.0870	0.0000	OK
240 minute winter	J45	128	184.405	0.085	6.8	0.0959	0.0000	OK
240 minute winter	J46	128	184.362	0.140	10.5	0.1581	0.0000	OK
240 minute winter	J47	128	184.356	0.149	11.2	0.1686	0.0000	OK
240 minute winter	J48	128	184.342	0.148	15.0	0.1672	0.0000	OK
240 minute winter	J49	128	184.328	0.159	15.8	0.1798	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J35	32.011	J36	19.9	1.171	0.224	0.1172	
240 minute winter	J36	32.012	S15	20.7	1.155	0.690	0.0425	
240 minute winter	J37	32.014	S16	25.2	1.195	0.456	0.1100	
240 minute winter	J38	32.016	J39	29.7	0.768	0.549	0.4181	
240 minute winter	J39	32.017	J40	30.5	0.943	0.557	0.1182	
240 minute winter	J40	32.018	S10	31.4	1.183	0.315	0.2538	
240 minute winter	J41	48.002	J42	0.8	0.468	0.141	0.0131	
240 minute winter	J42	48.003	S21	1.6	0.631	0.279	0.0213	
240 minute winter	J43	48.005	J44	5.4	0.574	0.385	0.0151	
240 minute winter	J44	48.006	J45	6.1	0.630	0.457	0.0849	
240 minute winter	J45	48.007	S22	6.8	0.716	0.502	0.0227	
240 minute winter	J46	48.009	J47	10.5	0.391	0.341	0.1134	
240 minute winter	J47	48.010	S23	11.2	0.397	0.372	0.0747	
240 minute winter	J48	48.012	J49	15.0	0.520	0.501	0.2146	
240 minute winter	J49	48.013	J50	15.8	0.537	0.514	0.0333	

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J50	128	184.318	0.153	16.6	0.1729	0.0000	OK
240 minute winter	J51	132	184.302	0.154	17.3	0.1745	0.0000	OK
240 minute winter	J52	132	184.288	0.144	18.1	0.1625	0.0000	OK
240 minute winter	J53	132	184.261	0.134	18.8	0.1515	0.0000	OK
240 minute winter	J54	128	185.198	0.068	4.1	0.0775	0.0000	OK
240 minute winter	J55	128	185.157	0.063	4.9	0.0710	0.0000	OK
240 minute winter	J56	128	184.182	0.175	27.5	0.1981	0.0000	OK
240 minute winter	J57	132	184.157	0.172	28.3	0.1950	0.0000	OK
240 minute winter	BASIN 1	244	186.725	1.800	45.8	260.7835	0.0000	FLOOD RISK
240 minute winter	BASIN 2	344	184.855	0.555	4.8	56.2144	0.0000	OK
240 minute winter	BASIN 3	480	183.397	0.297	41.0	310.9929	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	J50	48.014	J51	16.6	0.574	0.554	0.1464	
240 minute winter	J51	48.015	J52	17.3	0.620	0.563	0.0317	
240 minute winter	J52	48.016	J53	18.1	0.704	0.593	0.1252	
240 minute winter	J53	48.017	S24	18.8	0.842	0.624	0.2293	
240 minute winter	J54	65.002	J55	4.1	0.757	0.697	0.0198	
240 minute winter	J55	65.003	S24	4.9	0.990	0.646	0.0390	
240 minute winter	J56	48.019	J57	27.5	0.651	0.508	0.3843	
240 minute winter	J57	48.020	S25	28.3	0.704	0.518	0.2460	
240 minute winter	BASIN 1	1.023	S5	4.7	0.223	0.056	0.9418	
240 minute winter	BASIN 1	Infiltration		0.1				2.8
240 minute winter	BASIN 2	1.027	S7	4.4	0.603	0.054	0.1641	
240 minute winter	BASIN 2	71.000	BH1	1.5	0.590	0.253	0.1829	
240 minute winter	BASIN 2	Infiltration		0.0				0.0
240 minute winter	BASIN 3	1.034	BH2	4.9	0.603	0.040	1.3217	
240 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	BASIN 4	312	184.104	0.773	35.0	238.5313	0.0000	SURCHARGED
240 minute winter	SWALE 1	244	184.935	0.061	4.6	0.0872	0.0000	OK
240 minute winter	SWALE 2	344	184.433	0.058	4.4	0.0833	0.0000	OK
240 minute winter	SWALE 3	128	184.135	0.140	35.8	0.2009	0.0000	OK
240 minute winter	BH1	344	184.855	0.778	1.5	3.0567	0.0000	OK
240 minute winter	BH2	480	183.397	0.314	4.9	3.1667	0.0000	OK
240 minute winter	BH3	312	184.104	0.784	2.3	5.2659	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	BASIN 4	48.022	BH3	2.3	0.589	0.043	0.3211	
240 minute winter	BASIN 4	Infiltration		0.0				0.0
240 minute winter	SWALE 1	1.025	S6	4.6	0.414	0.056	0.4295	
240 minute winter	SWALE 2	1.029	S8	4.4	0.576	0.054	0.2021	
240 minute winter	SWALE 3	1.033	BASIN 3	35.8	0.976	0.286	1.5839	
240 minute winter	BH1	Infiltration		0.1				2.3
240 minute winter	BH2	Infiltration		0.2				3.4
240 minute winter	BH3	Infiltration		0.2				4.8

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.410	0.040	3.0	0.0608	0.0000	OK
360 minute summer	S2	184	187.184	0.145	21.3	0.2587	0.0000	OK
360 minute summer	S3	360	186.796	0.659	46.8	0.8886	0.0000	SURCHARGED
360 minute summer	S4	360	186.795	1.417	47.4	1.8384	0.0000	SURCHARGED
360 minute summer	S5	360	186.795	1.885	4.7	2.6971	0.0000	FLOOD RISK
360 minute summer	S6	368	184.871	0.063	4.7	0.0896	0.0000	OK
360 minute summer	S7	368	184.791	0.032	4.7	0.0463	0.0000	OK
360 minute summer	S8	368	184.365	0.035	4.7	0.0496	0.0000	OK
360 minute summer	S9	184	184.223	0.098	4.7	0.1407	0.0000	OK
360 minute summer	S10	184	184.223	0.110	39.4	0.2051	0.0000	OK
360 minute summer	S11	184	186.465	0.065	3.8	0.1055	0.0000	OK
360 minute summer	S12	184	186.288	0.112	9.7	0.1690	0.0000	OK
360 minute summer	S13	184	186.057	0.064	15.7	0.0981	0.0000	OK
360 minute summer	S14	184	185.296	0.120	20.9	0.1952	0.0000	OK
360 minute summer	S15	184	184.959	0.091	26.9	0.1478	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S1	1.000	J1	3.0	0.624	0.342	0.0388	
360 minute summer	S2	1.012	J12	21.3	0.873	0.713	0.0364	
360 minute summer	S3	1.019	J18	28.6	1.063	0.537	0.3613	
360 minute summer	S4	1.022	BASIN 1	47.0	1.113	0.281	1.1778	
360 minute summer	S5	1.024	SWALE 1	4.7	0.408	0.057	0.2377	
360 minute summer	S6	1.026	BASIN 2	4.7	0.491	0.055	0.0664	
360 minute summer	S7	1.028	SWALE 2	4.7	0.609	0.015	0.1322	
360 minute summer	S8	1.030	S9	4.7	0.641	0.018	0.1381	
360 minute summer	S9	1.031	S10	4.7	0.674	0.056	0.1671	
360 minute summer	S10	1.032	SWALE 3	39.2	1.172	0.119	0.1463	
360 minute summer	S11	32.000	J28	3.8	0.676	0.635	0.0253	
360 minute summer	S12	32.003	J30	9.6	0.692	0.720	0.0707	
360 minute summer	S13	32.007	J33	15.7	1.759	0.160	0.1159	
360 minute summer	S14	32.009	J34	20.8	0.959	0.410	0.1137	
360 minute summer	S15	32.013	J37	26.8	1.894	0.291	0.1323	

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.574	0.087	32.0	0.1356	0.0000	OK
360 minute summer	S17	360	186.796	0.646	4.4	1.0581	0.0000	SURCHARGED
360 minute summer	S18	360	186.796	0.972	9.7	1.4702	0.0000	SURCHARGED
360 minute summer	S19	360	186.796	1.030	14.4	1.5156	0.0000	SURCHARGED
360 minute summer	S20	216	184.668	0.026	0.8	0.0299	0.0000	OK
360 minute summer	S21	184	184.483	0.073	5.0	0.0990	0.0000	OK
360 minute summer	S22	184	184.373	0.142	10.5	0.1861	0.0000	OK
360 minute summer	S23	184	184.356	0.158	15.1	0.2064	0.0000	OK
360 minute summer	S24	184	184.204	0.187	28.5	0.2500	0.0000	OK
360 minute summer	S25	400	184.179	0.209	32.4	0.2936	0.0000	OK
360 minute summer	S26	184	185.419	0.042	3.8	0.0631	0.0000	OK
360 minute summer	FC1	208	188.917	0.667	1.4	1.4275	0.0000	SURCHARGED
360 minute summer	FC2	208	188.815	0.665	1.4	1.4303	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	S16	32.015	J38	31.9	1.059	0.100	0.0702	
360 minute summer	S17	23.001	J20	4.3	0.794	0.732	0.0560	
360 minute summer	S18	23.006	J24	9.5	0.482	0.296	0.0729	
360 minute summer	S19	23.010	J27	14.0	0.640	0.466	0.3541	
360 minute summer	S20	48.001	J41	0.8	0.522	0.141	0.0074	
360 minute summer	S21	48.004	J43	5.0	0.530	0.373	0.0479	
360 minute summer	S22	48.008	J46	10.4	0.397	0.332	0.0651	
360 minute summer	S23	48.011	J48	15.1	0.514	0.489	0.0329	
360 minute summer	S24	48.018	J56	28.4	0.629	0.531	0.1917	
360 minute summer	S25	48.021	BASIN 4	32.3	0.906	0.607	0.2059	
360 minute summer	S26	65.001	J54	3.8	0.821	0.363	0.0388	
360 minute summer	FC1	2.000	J1	0.8	0.386	0.131	0.0195	
360 minute summer	FC1	Infiltration		0.0				0.0
360 minute summer	FC2	3.000	J2	0.8	0.516	0.136	0.0114	
360 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC3	216	188.898	0.698	1.9	2.8616	0.0000	SURCHARGED
360 minute summer	FC4	200	188.786	0.586	1.0	0.7399	0.0000	SURCHARGED
360 minute summer	FC5	208	188.661	0.661	1.4	1.4342	0.0000	SURCHARGED
360 minute summer	FC6	200	188.434	0.584	1.0	0.7378	0.0000	SURCHARGED
360 minute summer	FC7	200	188.336	0.586	1.0	0.7404	0.0000	SURCHARGED
360 minute summer	FC8	208	188.413	0.663	1.4	1.4210	0.0000	SURCHARGED
360 minute summer	FC9	200	188.058	0.588	1.0	0.7427	0.0000	SURCHARGED
360 minute summer	FC10	216	188.184	0.714	1.9	2.8435	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC3	4.000	J3	0.8	0.546	0.133	0.0180	
360 minute summer	FC3	Infiltration		0.0				0.0
360 minute summer	FC4	5.000	J4	0.8	0.602	0.102	0.0093	
360 minute summer	FC4	Infiltration		0.0				0.0
360 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0065	
360 minute summer	FC5	Infiltration		0.0				0.0
360 minute summer	FC6	7.000	J6	0.8	0.664	0.087	0.0102	
360 minute summer	FC6	Infiltration		0.0				0.0
360 minute summer	FC7	8.000	J7	0.8	0.581	0.107	0.0095	
360 minute summer	FC7	Infiltration		0.0				0.0
360 minute summer	FC8	9.000	J8	0.8	0.724	0.085	0.0047	
360 minute summer	FC8	Infiltration		0.0				0.0
360 minute summer	FC9	10.000	J9	0.8	0.513	0.128	0.0107	
360 minute summer	FC9	Infiltration		0.0				0.0
360 minute summer	FC10	11.000	J10	0.8	0.568	0.127	0.0092	

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC11	208	187.988	0.668	1.4	1.4286	0.0000	SURCHARGED
360 minute summer	FC12	208	187.899	0.669	1.4	1.4280	0.0000	SURCHARGED
360 minute summer	FC13	208	187.667	0.667	1.4	1.4290	0.0000	SURCHARGED
360 minute summer	FC14	224	187.164	0.264	1.4	3.3652	0.0000	SURCHARGED
360 minute summer	FC15	200	187.780	0.580	1.0	0.7321	0.0000	SURCHARGED
360 minute summer	FC16	200	187.487	0.587	1.0	0.7419	0.0000	SURCHARGED
360 minute summer	FC17	200	187.582	0.582	1.0	0.7349	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC10	Infiltration		0.0				0.0
360 minute summer	FC11	12.000	J11	0.8	0.520	0.137	0.0121	
360 minute summer	FC11	Infiltration		0.0				0.0
360 minute summer	FC12	13.000	S2	0.8	0.519	0.137	0.0107	
360 minute summer	FC12	Infiltration		0.0				0.0
360 minute summer	FC13	14.000	J12	0.8	0.521	0.137	0.0106	
360 minute summer	FC13	Infiltration		0.0				0.0
360 minute summer	FC14	15.000	J13	0.5	0.455	0.084	0.0083	
360 minute summer	FC14	Infiltration		0.0				0.0
360 minute summer	FC15	16.000	J14	0.8	1.086	0.044	0.0033	
360 minute summer	FC15	Infiltration		0.0				0.0
360 minute summer	FC16	17.000	J15	0.8	0.536	0.120	0.0108	
360 minute summer	FC16	Infiltration		0.0				0.0
360 minute summer	FC17	18.000	J16	0.8	0.848	0.062	0.0043	
360 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC18	200	187.138	0.588	1.0	0.7428	0.0000	SURCHARGED
360 minute summer	FC19	208	187.068	0.668	1.4	1.4290	0.0000	SURCHARGED
360 minute summer	FC20	208	187.612	0.662	1.4	1.4127	0.0000	SURCHARGED
360 minute summer	FC21	208	186.964	0.664	1.4	1.4338	0.0000	SURCHARGED
360 minute summer	FC22	360	186.799	0.348	1.0	3.3779	0.0000	SURCHARGED
360 minute summer	FC23	200	186.881	0.581	1.0	0.7338	0.0000	SURCHARGED
360 minute summer	FC24	216	186.964	0.664	1.4	1.4226	0.0000	SURCHARGED
360 minute summer	FC25	208	187.212	0.662	1.4	1.4122	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC18	19.000	J17	0.8	0.510	0.129	0.0548	
360 minute summer	FC18	Infiltration		0.0				0.0
360 minute summer	FC19	20.000	S3	1.1	0.518	0.194	0.0517	
360 minute summer	FC19	Infiltration		0.0				0.0
360 minute summer	FC20	21.000	J18	0.8	1.047	0.051	0.0177	
360 minute summer	FC20	Infiltration		0.0				0.0
360 minute summer	FC21	22.000	J19	0.8	0.517	0.137	0.0599	
360 minute summer	FC21	Infiltration		0.0				0.0
360 minute summer	FC22	23.000	S17	0.4	0.157	0.029	0.0373	
360 minute summer	FC22	Infiltration		0.0				0.0
360 minute summer	FC23	24.000	J20	0.8	0.800	0.057	0.0359	
360 minute summer	FC23	Infiltration		0.0				0.0
360 minute summer	FC24	25.000	J21	0.8	0.883	0.058	0.0363	
360 minute summer	FC24	Infiltration		0.0				0.0
360 minute summer	FC25	26.000	J22	0.8	1.036	0.051	0.0370	

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC26	360	186.798	0.348	1.0	3.5064	0.0000	SURCHARGED
360 minute summer	FC27	200	187.079	0.579	1.0	0.7307	0.0000	SURCHARGED
360 minute summer	FC28	208	187.161	0.661	1.4	1.4130	0.0000	SURCHARGED
360 minute summer	FC29	208	187.158	0.658	1.4	1.4161	0.0000	SURCHARGED
360 minute summer	FC30	208	187.412	0.662	1.4	1.4143	0.0000	SURCHARGED
360 minute summer	FC31	200	187.034	0.584	1.0	0.7373	0.0000	SURCHARGED
360 minute summer	FC32	200	187.031	0.581	1.0	0.7342	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC25	Infiltration		0.0				0.0
360 minute summer	FC26	27.000	J23	0.4	0.746	0.033	0.0361	
360 minute summer	FC26	Infiltration		0.0				0.0
360 minute summer	FC27	28.000	J24	0.8	1.175	0.035	0.0352	
360 minute summer	FC27	Infiltration		0.0				0.0
360 minute summer	FC28	29.000	J25	0.8	1.042	0.051	0.0341	
360 minute summer	FC28	Infiltration		0.0				0.0
360 minute summer	FC29	30.000	J26	0.8	1.013	0.053	0.0369	
360 minute summer	FC29	Infiltration		0.0				0.0
360 minute summer	FC30	31.000	J27	0.8	0.974	0.056	0.0249	
360 minute summer	FC30	Infiltration		0.0				0.0
360 minute summer	FC31	33.000	J28	0.8	0.324	0.084	0.0144	
360 minute summer	FC31	Infiltration		0.0				0.0
360 minute summer	FC32	34.000	J29	0.8	0.279	0.060	0.0155	
360 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC33	208	187.115	0.665	1.4	1.4115	0.0000	SURCHARGED
360 minute summer	FC34	208	187.116	0.666	1.4	1.4294	0.0000	SURCHARGED
360 minute summer	FC35	208	187.112	0.662	1.4	1.4145	0.0000	SURCHARGED
360 minute summer	FC36	208	187.105	0.655	1.4	1.4184	0.0000	SURCHARGED
360 minute summer	FC37	216	186.524	0.724	1.9	2.8223	0.0000	FLOOD RISK
360 minute summer	FC38	224	185.634	0.184	1.0	2.2086	0.0000	SURCHARGED
360 minute summer	FC39	200	186.031	0.581	1.0	0.7335	0.0000	SURCHARGED
360 minute summer	FC40	208	186.120	0.620	1.4	1.4613	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC33	35.000	S12	0.8	0.953	0.057	0.0121	
360 minute summer	FC33	Infiltration		0.0				0.0
360 minute summer	FC34	36.000	J30	0.8	0.532	0.131	0.0073	
360 minute summer	FC34	Infiltration		0.0				0.0
360 minute summer	FC35	37.000	J31	0.8	0.965	0.057	0.0043	
360 minute summer	FC35	Infiltration		0.0				0.0
360 minute summer	FC36	38.000	J32	0.8	1.011	0.053	0.0040	
360 minute summer	FC36	Infiltration		0.0				0.0
360 minute summer	FC37	39.000	J33	0.8	0.700	0.096	0.0079	
360 minute summer	FC37	Infiltration		0.0				0.0
360 minute summer	FC38	40.000	J34	0.4	0.726	0.033	0.0027	
360 minute summer	FC38	Infiltration		0.0				0.0
360 minute summer	FC39	41.000	J35	0.8	0.954	0.053	0.0035	
360 minute summer	FC39	Infiltration		0.0				0.0
360 minute summer	FC40	42.000	J36	0.8	1.179	0.041	0.0034	

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC41	208	185.509	0.659	1.4	1.4221	0.0000	SURCHARGED
360 minute summer	FC42	208	185.259	0.659	1.4	1.4260	0.0000	SURCHARGED
360 minute summer	FC43	208	185.231	0.631	1.4	1.4435	0.0000	SURCHARGED
360 minute summer	FC44	184	184.622	0.022	1.0	0.0272	0.0000	OK
360 minute summer	FC45	200	185.181	0.581	1.0	0.7343	0.0000	SURCHARGED
360 minute summer	FC46	216	185.414	0.714	1.9	2.8473	0.0000	FLOOD RISK
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	208	185.463	0.663	1.4	1.4133	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC40	Infiltration		0.0				0.0
360 minute summer	FC41	43.000	J37	0.8	0.775	0.077	0.0053	
360 minute summer	FC41	Infiltration		0.0				0.0
360 minute summer	FC42	44.000	J38	0.8	0.674	0.093	0.0059	
360 minute summer	FC42	Infiltration		0.0				0.0
360 minute summer	FC43	45.000	J39	0.8	0.761	0.076	0.0045	
360 minute summer	FC43	Infiltration		0.0				0.0
360 minute summer	FC44	46.000	J40	1.0	0.828	0.093	0.0053	
360 minute summer	FC44	Infiltration		0.0				0.0
360 minute summer	FC45	47.000	S10	0.8	0.887	0.058	0.0039	
360 minute summer	FC45	Infiltration		0.0				0.0
360 minute summer	FC46	48.000	S20	0.8	0.511	0.141	0.0098	
360 minute summer	FC46	Infiltration		0.0				0.0
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
360 minute summer	FC48	50.000	J42	0.8	0.479	0.058	0.0088	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC49	208	185.464	0.664	1.4	1.4320	0.0000	SURCHARGED
360 minute summer	FC50	208	185.465	0.665	1.4	1.4314	0.0000	SURCHARGED
360 minute summer	FC51	208	185.510	0.660	1.4	1.4348	0.0000	SURCHARGED
360 minute summer	FC52	208	185.902	0.652	1.4	1.4283	0.0000	SURCHARGED
360 minute summer	FC53	208	185.913	0.663	1.4	1.4220	0.0000	SURCHARGED
360 minute summer	FC54	200	185.833	0.583	1.0	0.7362	0.0000	SURCHARGED
360 minute summer	FC55	200	185.831	0.581	1.0	0.7333	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC48	Infiltration		0.0				0.0
360 minute summer	FC49	51.000	S21	0.8	0.515	0.136	0.0068	
360 minute summer	FC49	Infiltration		0.0				0.0
360 minute summer	FC50	52.000	J43	0.8	0.515	0.137	0.0073	
360 minute summer	FC50	Infiltration		0.0				0.0
360 minute summer	FC51	55.000	S22	0.8	0.518	0.136	0.0096	
360 minute summer	FC51	Infiltration		0.0				0.0
360 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058	
360 minute summer	FC52	Infiltration		0.0				0.0
360 minute summer	FC53	61.000	J50	0.8	0.709	0.087	0.0049	
360 minute summer	FC53	Infiltration		0.0				0.0
360 minute summer	FC54	62.000	J51	0.8	0.772	0.070	0.0039	
360 minute summer	FC54	Infiltration		0.0				0.0
360 minute summer	FC55	64.000	J53	0.8	0.976	0.051	0.0032	
360 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC56	200	185.930	0.580	1.0	0.7329	0.0000	SURCHARGED
360 minute summer	FC57	200	185.931	0.581	1.0	0.7335	0.0000	SURCHARGED
360 minute summer	FC58	200	185.931	0.581	1.0	0.7340	0.0000	SURCHARGED
360 minute summer	FC59	200	185.932	0.582	1.0	0.7349	0.0000	SURCHARGED
360 minute summer	FC60	208	186.013	0.663	1.4	1.4163	0.0000	SURCHARGED
360 minute summer	FC61	208	185.964	0.664	1.4	1.4223	0.0000	SURCHARGED
360 minute summer	FC62	216	185.957	0.707	1.9	2.8456	0.0000	FLOOD RISK
360 minute summer	FC63	200	185.988	0.588	1.0	0.7426	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC56	53.000	J44	0.8	1.008	0.049	0.0050	
360 minute summer	FC56	Infiltration		0.0				0.0
360 minute summer	FC57	54.000	J45	0.8	0.945	0.054	0.0052	
360 minute summer	FC57	Infiltration		0.0				0.0
360 minute summer	FC58	56.000	J46	0.8	0.908	0.057	0.0052	
360 minute summer	FC58	Infiltration		0.0				0.0
360 minute summer	FC59	57.000	J47	0.8	0.842	0.063	0.0058	
360 minute summer	FC59	Infiltration		0.0				0.0
360 minute summer	FC60	59.000	J48	0.8	0.849	0.069	0.0063	
360 minute summer	FC60	Infiltration		0.0				0.0
360 minute summer	FC61	60.000	J49	0.8	0.681	0.094	0.0088	
360 minute summer	FC61	Infiltration		0.0				0.0
360 minute summer	FC62	63.000	J52	0.8	0.633	0.109	0.0124	
360 minute summer	FC62	Infiltration		0.0				0.0
360 minute summer	FC63	65.000	S26	0.8	0.396	0.128	0.0054	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC64	200	185.757	0.607	1.0	0.7662	0.0000	SURCHARGED
360 minute summer	FC65	208	185.816	0.666	1.4	1.4176	0.0000	SURCHARGED
360 minute summer	FC66	208	185.666	0.666	1.4	1.4270	0.0000	SURCHARGED
360 minute summer	FC67	224	185.005	0.205	1.0	2.1083	0.0000	SURCHARGED
360 minute summer	FC68	200	185.135	0.585	1.0	0.7386	0.0000	SURCHARGED
360 minute summer	J1	184	188.277	0.077	6.8	0.1164	0.0000	OK
360 minute summer	J2	184	188.152	0.096	7.5	0.1089	0.0000	OK
360 minute summer	J3	184	188.134	0.084	8.3	0.0953	0.0000	OK
360 minute summer	J4	184	188.099	0.060	9.0	0.0678	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	FC63	Infiltration		0.0				0.0
360 minute summer	FC64	66.000	J54	0.8	0.247	0.131	0.0110	
360 minute summer	FC64	Infiltration		0.0				0.0
360 minute summer	FC65	67.000	J55	0.8	0.404	0.084	0.0071	
360 minute summer	FC65	Infiltration		0.0				0.0
360 minute summer	FC66	68.000	S24	0.8	0.578	0.113	0.0030	
360 minute summer	FC66	Infiltration		0.0				0.0
360 minute summer	FC67	69.000	J56	0.4	0.424	0.074	0.0022	
360 minute summer	FC67	Infiltration		0.0				0.0
360 minute summer	FC68	70.000	J57	0.8	0.666	0.084	0.0026	
360 minute summer	FC68	Infiltration		0.0				0.0
360 minute summer	J1	1.001	J2	6.7	1.100	0.810	0.0306	
360 minute summer	J2	1.002	J3	7.5	0.676	0.557	0.0115	
360 minute summer	J3	1.003	J4	8.3	0.987	0.622	0.0163	
360 minute summer	J4	1.004	J5	8.9	1.468	0.262	0.0215	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J5	184	187.963	0.053	9.7	0.0604	0.0000	OK
360 minute summer	J6	184	187.728	0.078	10.4	0.0877	0.0000	OK
360 minute summer	J7	184	187.614	0.089	11.1	0.1009	0.0000	OK
360 minute summer	J8	184	187.576	0.055	11.4	0.0626	0.0000	OK
360 minute summer	J9	184	187.368	0.093	12.5	0.1053	0.0000	OK
360 minute summer	J10	184	187.326	0.056	13.1	0.0634	0.0000	OK
360 minute summer	J11	184	187.202	0.081	14.1	0.0914	0.0000	OK
360 minute summer	J12	184	186.909	0.100	22.1	0.1136	0.0000	OK
360 minute summer	J13	360	186.796	0.169	22.4	0.1914	0.0000	OK
360 minute summer	J14	360	186.796	0.174	23.1	0.1969	0.0000	OK
360 minute summer	J15	360	186.796	0.179	23.8	0.2024	0.0000	OK
360 minute summer	J16	360	186.796	0.191	24.4	0.2158	0.0000	OK
360 minute summer	J17	360	186.796	0.513	25.1	0.5800	0.0000	SURCHARGED
360 minute summer	J18	360	186.796	0.671	29.4	0.7585	0.0000	SURCHARGED
360 minute summer	J19	360	186.796	0.769	30.2	0.8692	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J5	1.005	J6	9.7	1.317	0.254	0.0420	
360 minute summer	J6	1.006	J7	10.4	1.286	0.365	0.0159	
360 minute summer	J7	1.007	J8	10.6	0.961	0.344	0.0125	
360 minute summer	J8	1.008	J9	11.8	1.037	0.133	0.0976	
360 minute summer	J9	1.009	J10	12.3	1.069	0.368	0.0139	
360 minute summer	J10	1.010	J11	13.3	1.304	0.103	0.0251	
360 minute summer	J11	1.011	S2	14.0	0.718	0.218	0.1067	
360 minute summer	J12	1.013	J13	22.0	1.398	0.329	0.1021	
360 minute summer	J13	1.014	J14	22.4	0.633	0.396	0.0790	
360 minute summer	J14	1.015	J15	23.1	0.741	0.410	0.0826	
360 minute summer	J15	1.016	J16	23.7	0.969	0.445	0.2335	
360 minute summer	J16	1.017	J17	24.4	1.340	0.171	0.1832	
360 minute summer	J17	1.018	S3	44.4	1.104	0.143	0.1328	
360 minute summer	J18	1.020	J19	29.4	0.985	0.103	0.1049	
360 minute summer	J19	1.021	S4	30.2	0.888	0.547	0.3096	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J20	360	186.796	0.765	5.0	0.8653	0.0000	SURCHARGED
360 minute summer	J21	360	186.796	0.787	5.8	0.8902	0.0000	SURCHARGED
360 minute summer	J22	360	186.796	0.833	6.5	0.9421	0.0000	SURCHARGED
360 minute summer	J23	360	186.796	0.854	6.3	0.9657	0.0000	SURCHARGED
360 minute summer	J24	360	186.796	0.979	10.0	1.1069	0.0000	SURCHARGED
360 minute summer	J25	360	186.796	1.000	10.6	1.1306	0.0000	SURCHARGED
360 minute summer	J26	360	186.796	1.017	11.1	1.1498	0.0000	SURCHARGED
360 minute summer	J27	360	186.796	1.059	14.8	1.1983	0.0000	SURCHARGED
360 minute summer	J28	184	186.425	0.069	4.5	0.0779	0.0000	OK
360 minute summer	J29	184	186.350	0.079	5.1	0.0898	0.0000	OK
360 minute summer	J30	184	186.256	0.109	10.4	0.1237	0.0000	OK
360 minute summer	J31	184	186.145	0.101	11.2	0.1143	0.0000	OK
360 minute summer	J32	184	186.104	0.093	11.9	0.1050	0.0000	OK
360 minute summer	J33	184	185.595	0.060	16.5	0.0682	0.0000	OK
360 minute summer	J34	184	185.246	0.121	21.1	0.1369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J20	23.002	J21	5.0	0.571	0.370	0.0665	
360 minute summer	J21	23.003	J22	5.7	0.587	0.425	0.1411	
360 minute summer	J22	23.004	J23	5.9	0.632	0.438	0.0633	
360 minute summer	J23	23.005	S18	6.1	0.712	0.454	0.1321	
360 minute summer	J24	23.007	J25	9.9	0.493	0.328	0.2458	
360 minute summer	J25	23.008	J26	10.3	0.486	0.342	0.1975	
360 minute summer	J26	23.009	S19	10.8	0.495	0.352	0.1474	
360 minute summer	J27	23.011	S4	14.4	0.747	0.483	0.0951	
360 minute summer	J28	32.001	J29	4.4	0.712	0.748	0.0548	
360 minute summer	J29	32.002	S12	5.1	0.804	0.855	0.0293	
360 minute summer	J30	32.004	J31	10.4	0.815	0.782	0.0632	
360 minute summer	J31	32.005	J32	11.1	0.681	0.371	0.1594	
360 minute summer	J32	32.006	S13	11.9	0.967	0.395	0.0655	
360 minute summer	J33	32.008	S14	16.5	1.105	0.158	0.1369	
360 minute summer	J34	32.010	J35	21.1	1.207	0.547	0.1580	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J35	184	185.158	0.083	21.8	0.0938	0.0000	OK
360 minute summer	J36	184	185.003	0.128	22.5	0.1443	0.0000	OK
360 minute summer	J37	184	184.630	0.130	27.6	0.1474	0.0000	OK
360 minute summer	J38	184	184.480	0.179	32.7	0.2030	0.0000	OK
360 minute summer	J39	184	184.436	0.162	33.4	0.1834	0.0000	OK
360 minute summer	J40	184	184.399	0.134	34.3	0.1514	0.0000	OK
360 minute summer	J41	216	184.622	0.025	0.8	0.0287	0.0000	OK
360 minute summer	J42	216	184.575	0.038	1.6	0.0424	0.0000	OK
360 minute summer	J43	184	184.464	0.084	5.8	0.0953	0.0000	OK
360 minute summer	J44	184	184.450	0.080	6.4	0.0900	0.0000	OK
360 minute summer	J45	184	184.407	0.087	7.1	0.0983	0.0000	OK
360 minute summer	J46	184	184.368	0.146	11.1	0.1648	0.0000	OK
360 minute summer	J47	184	184.362	0.155	11.8	0.1751	0.0000	OK
360 minute summer	J48	184	184.347	0.153	15.9	0.1733	0.0000	OK
360 minute summer	J49	184	184.333	0.164	16.6	0.1852	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J35	32.011	J36	21.7	1.194	0.244	0.1253	
360 minute summer	J36	32.012	S15	22.5	1.173	0.749	0.0454	
360 minute summer	J37	32.014	S16	27.6	1.201	0.500	0.1198	
360 minute summer	J38	32.016	J39	32.6	0.788	0.604	0.4479	
360 minute summer	J39	32.017	J40	33.4	0.964	0.610	0.1265	
360 minute summer	J40	32.018	S10	34.3	1.209	0.344	0.2713	
360 minute summer	J41	48.002	J42	0.8	0.461	0.141	0.0132	
360 minute summer	J42	48.003	S21	1.6	0.631	0.280	0.0214	
360 minute summer	J43	48.005	J44	5.7	0.584	0.411	0.0158	
360 minute summer	J44	48.006	J45	6.4	0.639	0.481	0.0880	
360 minute summer	J45	48.007	S22	7.1	0.722	0.522	0.0233	
360 minute summer	J46	48.009	J47	11.1	0.393	0.360	0.1187	
360 minute summer	J47	48.010	S23	11.7	0.399	0.389	0.0779	
360 minute summer	J48	48.012	J49	15.8	0.529	0.529	0.2225	
360 minute summer	J49	48.013	J50	16.6	0.547	0.541	0.0344	

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J50	192	184.322	0.157	17.4	0.1780	0.0000	OK
360 minute summer	J51	192	184.306	0.158	18.0	0.1792	0.0000	OK
360 minute summer	J52	192	184.292	0.147	18.8	0.1668	0.0000	OK
360 minute summer	J53	192	184.264	0.137	19.6	0.1552	0.0000	OK
360 minute summer	J54	184	185.201	0.072	4.4	0.0812	0.0000	OK
360 minute summer	J55	184	185.159	0.065	5.2	0.0736	0.0000	OK
360 minute summer	J56	184	184.187	0.180	28.8	0.2034	0.0000	OK
360 minute summer	J57	400	184.179	0.194	29.4	0.2189	0.0000	OK
360 minute summer	BASIN 1	360	186.795	1.870	48.9	274.4401	0.0000	FLOOD RISK
360 minute summer	BASIN 2	368	184.856	0.556	4.9	56.3856	0.0000	OK
360 minute summer	BASIN 3	600	183.526	0.426	44.9	366.5646	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	J50	48.014	J51	17.3	0.583	0.580	0.1510	
360 minute summer	J51	48.015	J52	18.0	0.628	0.587	0.0326	
360 minute summer	J52	48.016	J53	18.8	0.713	0.618	0.1290	
360 minute summer	J53	48.017	S24	19.6	0.852	0.650	0.2357	
360 minute summer	J54	65.002	J55	4.4	0.771	0.744	0.0208	
360 minute summer	J55	65.003	S24	5.2	1.000	0.680	0.0406	
360 minute summer	J56	48.019	J57	28.7	0.658	0.529	0.4074	
360 minute summer	J57	48.020	S25	29.4	0.711	0.538	0.3068	
360 minute summer	BASIN 1	1.023	S5	4.7	0.131	0.057	0.9418	
360 minute summer	BASIN 1	Infiltration		0.1				3.5
360 minute summer	BASIN 2	1.027	S7	4.7	0.614	0.057	0.1703	
360 minute summer	BASIN 2	71.000	BH1	1.2	0.562	0.210	0.1829	
360 minute summer	BASIN 2	Infiltration		0.0				0.0
360 minute summer	BASIN 3	1.034	BH2	5.1	0.572	0.041	1.8054	
360 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	BASIN 4	400	184.179	0.849	37.2	264.1516	0.0000	SURCHARGED
360 minute summer	SWALE 1	312	184.935	0.061	4.7	0.0878	0.0000	OK
360 minute summer	SWALE 2	368	184.435	0.060	4.7	0.0855	0.0000	OK
360 minute summer	SWALE 3	184	184.142	0.147	39.2	0.2106	0.0000	OK
360 minute summer	BH1	368	184.856	0.779	1.2	3.0610	0.0000	OK
360 minute summer	BH2	600	183.526	0.443	5.1	3.8067	0.0000	OK
360 minute summer	BH3	400	184.179	0.860	1.5	5.6161	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	BASIN 4	48.022	BH3	1.5	0.480	0.027	0.3211	
360 minute summer	BASIN 4	Infiltration		0.0				0.0
360 minute summer	SWALE 1	1.025	S6	4.7	0.415	0.057	0.4425	
360 minute summer	SWALE 2	1.029	S8	4.7	0.587	0.057	0.2101	
360 minute summer	SWALE 3	1.033	BASIN 3	38.9	0.997	0.311	1.6846	
360 minute summer	BH1	Infiltration		0.1				3.0
360 minute summer	BH2	Infiltration		0.2				4.1
360 minute summer	BH3	Infiltration		0.2				6.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.402	0.032	1.9	0.0478	0.0000	OK
360 minute winter	S2	192	187.165	0.126	16.6	0.2248	0.0000	OK
360 minute winter	S3	352	186.805	0.668	43.9	0.9017	0.0000	SURCHARGED
360 minute winter	S4	352	186.805	1.427	39.8	1.8510	0.0000	SURCHARGED
360 minute winter	S5	352	186.805	1.895	4.8	2.7111	0.0000	FLOOD RISK
360 minute winter	S6	360	184.871	0.063	4.8	0.0897	0.0000	OK
360 minute winter	S7	360	184.791	0.032	4.7	0.0463	0.0000	OK
360 minute winter	S8	360	184.365	0.035	4.7	0.0496	0.0000	OK
360 minute winter	S9	192	184.204	0.079	4.7	0.1124	0.0000	OK
360 minute winter	S10	192	184.204	0.091	29.0	0.1683	0.0000	OK
360 minute winter	S11	184	186.450	0.050	2.5	0.0800	0.0000	OK
360 minute winter	S12	184	186.264	0.088	6.9	0.1333	0.0000	OK
360 minute winter	S13	184	186.047	0.054	11.6	0.0833	0.0000	OK
360 minute winter	S14	192	185.274	0.099	15.2	0.1603	0.0000	OK
360 minute winter	S15	192	184.944	0.076	19.7	0.1236	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S1	1.000	J1	1.9	0.563	0.218	0.0281	
360 minute winter	S2	1.012	J12	16.6	0.805	0.556	0.0308	
360 minute winter	S3	1.019	J18	23.4	1.037	0.439	0.3613	
360 minute winter	S4	1.022	BASIN 1	36.4	1.112	0.217	1.1778	
360 minute winter	S5	1.024	SWALE 1	4.8	0.409	0.057	0.2379	
360 minute winter	S6	1.026	BASIN 2	4.8	0.491	0.055	0.0665	
360 minute winter	S7	1.028	SWALE 2	4.7	0.609	0.015	0.1323	
360 minute winter	S8	1.030	S9	4.7	0.641	0.018	0.1004	
360 minute winter	S9	1.031	S10	4.7	0.674	0.056	0.1242	
360 minute winter	S10	1.032	SWALE 3	29.0	1.108	0.088	0.1146	
360 minute winter	S11	32.000	J28	2.5	0.613	0.420	0.0185	
360 minute winter	S12	32.003	J30	6.9	0.636	0.516	0.0551	
360 minute winter	S13	32.007	J33	11.6	1.614	0.118	0.0933	
360 minute winter	S14	32.009	J34	15.2	0.887	0.299	0.0897	
360 minute winter	S15	32.013	J37	19.7	1.756	0.214	0.1048	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.555	0.068	23.3	0.1061	0.0000	OK
360 minute winter	S17	352	186.806	0.656	3.0	1.0739	0.0000	SURCHARGED
360 minute winter	S18	352	186.806	0.981	7.5	1.4849	0.0000	SURCHARGED
360 minute winter	S19	352	186.805	1.039	11.1	1.5299	0.0000	SURCHARGED
360 minute winter	S20	224	184.668	0.026	0.8	0.0294	0.0000	OK
360 minute winter	S21	192	184.473	0.064	4.0	0.0864	0.0000	OK
360 minute winter	S22	192	184.352	0.121	8.5	0.1583	0.0000	OK
360 minute winter	S23	192	184.336	0.138	12.2	0.1793	0.0000	OK
360 minute winter	S24	392	184.187	0.170	23.3	0.2266	0.0000	OK
360 minute winter	S25	392	184.187	0.217	26.2	0.3053	0.0000	OK
360 minute winter	S26	192	185.411	0.034	2.6	0.0519	0.0000	OK
360 minute winter	FC1	208	188.872	0.622	0.9	0.8425	0.0000	SURCHARGED
360 minute winter	FC2	208	188.772	0.622	0.9	0.8447	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	S16	32.015	J38	23.3	1.012	0.073	0.0542	
360 minute winter	S17	23.001	J20	3.0	0.731	0.498	0.0560	
360 minute winter	S18	23.006	J24	7.1	0.466	0.223	0.0729	
360 minute winter	S19	23.010	J27	10.8	0.608	0.361	0.3541	
360 minute winter	S20	48.001	J41	0.8	0.518	0.137	0.0073	
360 minute winter	S21	48.004	J43	4.0	0.504	0.303	0.0409	
360 minute winter	S22	48.008	J46	8.5	0.396	0.271	0.0537	
360 minute winter	S23	48.011	J48	12.2	0.490	0.396	0.0280	
360 minute winter	S24	48.018	J56	23.3	0.600	0.435	0.1808	
360 minute winter	S25	48.021	BASIN 4	26.2	0.849	0.492	0.2144	
360 minute winter	S26	65.001	J54	2.6	0.743	0.253	0.0303	
360 minute winter	FC1	2.000	J1	0.8	0.317	0.126	0.0146	
360 minute winter	FC1	Infiltration		0.0				0.0
360 minute winter	FC2	3.000	J2	0.8	0.512	0.131	0.0079	
360 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC3	224	188.864	0.664	1.2	1.9824	0.0000	SURCHARGED
360 minute winter	FC4	200	188.608	0.408	0.7	0.5153	0.0000	SURCHARGED
360 minute winter	FC5	208	188.622	0.622	0.9	0.8452	0.0000	SURCHARGED
360 minute winter	FC6	200	188.257	0.407	0.7	0.5136	0.0000	SURCHARGED
360 minute winter	FC7	200	188.158	0.408	0.7	0.5158	0.0000	SURCHARGED
360 minute winter	FC8	208	188.371	0.621	0.9	0.8361	0.0000	SURCHARGED
360 minute winter	FC9	200	187.880	0.410	0.7	0.5180	0.0000	SURCHARGED
360 minute winter	FC10	224	188.142	0.672	1.2	1.9692	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC3	4.000	J3	0.8	0.542	0.129	0.0140	
360 minute winter	FC3	Infiltration		0.0				0.0
360 minute winter	FC4	5.000	J4	0.6	0.570	0.085	0.0081	
360 minute winter	FC4	Infiltration		0.0				0.0
360 minute winter	FC5	6.000	J5	0.8	0.510	0.132	0.0064	
360 minute winter	FC5	Infiltration		0.0				0.0
360 minute winter	FC6	7.000	J6	0.6	0.635	0.073	0.0073	
360 minute winter	FC6	Infiltration		0.0				0.0
360 minute winter	FC7	8.000	J7	0.6	0.551	0.089	0.0083	
360 minute winter	FC7	Infiltration		0.0				0.0
360 minute winter	FC8	9.000	J8	0.8	0.717	0.082	0.0046	
360 minute winter	FC8	Infiltration		0.0				0.0
360 minute winter	FC9	10.000	J9	0.6	0.487	0.106	0.0093	
360 minute winter	FC9	Infiltration		0.0				0.0
360 minute winter	FC10	11.000	J10	0.8	0.563	0.123	0.0090	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC11	208	187.942	0.622	0.9	0.8444	0.0000	SURCHARGED
360 minute winter	FC12	208	187.852	0.622	0.9	0.8445	0.0000	SURCHARGED
360 minute winter	FC13	208	187.622	0.622	0.9	0.8444	0.0000	SURCHARGED
360 minute winter	FC14	240	187.138	0.238	0.9	3.0362	0.0000	SURCHARGED
360 minute winter	FC15	200	187.602	0.402	0.7	0.5076	0.0000	SURCHARGED
360 minute winter	FC16	200	187.310	0.410	0.7	0.5172	0.0000	SURCHARGED
360 minute winter	FC17	200	187.404	0.404	0.7	0.5104	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC10	Infiltration		0.0				0.0
360 minute winter	FC11	12.000	J11	0.8	0.515	0.132	0.0118	
360 minute winter	FC11	Infiltration		0.0				0.0
360 minute winter	FC12	13.000	S2	0.8	0.514	0.132	0.0105	
360 minute winter	FC12	Infiltration		0.0				0.0
360 minute winter	FC13	14.000	J12	0.8	0.515	0.132	0.0104	
360 minute winter	FC13	Infiltration		0.0				0.0
360 minute winter	FC14	15.000	J13	0.5	0.448	0.080	0.0080	
360 minute winter	FC14	Infiltration		0.0				0.0
360 minute winter	FC15	16.000	J14	0.6	1.029	0.036	0.0029	
360 minute winter	FC15	Infiltration		0.0				0.0
360 minute winter	FC16	17.000	J15	0.6	0.508	0.100	0.0094	
360 minute winter	FC16	Infiltration		0.0				0.0
360 minute winter	FC17	18.000	J16	0.6	0.805	0.051	0.0038	
360 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC18	200	186.960	0.410	0.7	0.5181	0.0000	SURCHARGED
360 minute winter	FC19	208	187.022	0.622	0.9	0.8446	0.0000	SURCHARGED
360 minute winter	FC20	208	187.571	0.621	0.9	0.8288	0.0000	SURCHARGED
360 minute winter	FC21	216	186.922	0.622	0.9	0.8468	0.0000	SURCHARGED
360 minute winter	FC22	360	186.807	0.357	0.7	3.4644	0.0000	SURCHARGED
360 minute winter	FC23	352	186.815	0.514	0.7	0.6498	0.0000	SURCHARGED
360 minute winter	FC24	216	186.922	0.622	0.9	0.8411	0.0000	SURCHARGED
360 minute winter	FC25	208	187.171	0.621	0.9	0.8287	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC18	19.000	J17	0.6	0.484	0.107	0.0548	
360 minute winter	FC18	Infiltration		0.0				0.0
360 minute winter	FC19	20.000	S3	1.0	0.513	0.164	0.0517	
360 minute winter	FC19	Infiltration		0.0				0.0
360 minute winter	FC20	21.000	J18	0.8	1.038	0.049	0.0177	
360 minute winter	FC20	Infiltration		0.0				0.0
360 minute winter	FC21	22.000	J19	0.8	0.513	0.133	0.0599	
360 minute winter	FC21	Infiltration		0.0				0.0
360 minute winter	FC22	23.000	S17	0.4	0.193	0.027	0.0373	
360 minute winter	FC22	Infiltration		0.0				0.0
360 minute winter	FC23	24.000	J20	0.6	0.838	0.047	0.0359	
360 minute winter	FC23	Infiltration		0.0				0.0
360 minute winter	FC24	25.000	J21	0.8	0.904	0.057	0.0363	
360 minute winter	FC24	Infiltration		0.0				0.0
360 minute winter	FC25	26.000	J22	0.8	1.026	0.050	0.0370	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC26	360	186.807	0.357	0.7	3.5966	0.0000	SURCHARGED
360 minute winter	FC27	200	186.901	0.401	0.7	0.5061	0.0000	SURCHARGED
360 minute winter	FC28	208	187.121	0.621	0.9	0.8286	0.0000	SURCHARGED
360 minute winter	FC29	208	187.121	0.621	0.9	0.8291	0.0000	SURCHARGED
360 minute winter	FC30	208	187.371	0.621	0.9	0.8300	0.0000	SURCHARGED
360 minute winter	FC31	200	186.856	0.406	0.7	0.5128	0.0000	SURCHARGED
360 minute winter	FC32	200	186.854	0.404	0.7	0.5097	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC25	Infiltration		0.0				0.0
360 minute winter	FC26	27.000	J23	0.4	0.733	0.031	0.0361	
360 minute winter	FC26	Infiltration		0.0				0.0
360 minute winter	FC27	28.000	J24	0.6	1.124	0.029	0.0352	
360 minute winter	FC27	Infiltration		0.0				0.0
360 minute winter	FC28	29.000	J25	0.8	1.031	0.049	0.0341	
360 minute winter	FC28	Infiltration		0.0				0.0
360 minute winter	FC29	30.000	J26	0.8	1.003	0.051	0.0369	
360 minute winter	FC29	Infiltration		0.0				0.0
360 minute winter	FC30	31.000	J27	0.8	0.965	0.054	0.0270	
360 minute winter	FC30	Infiltration		0.0				0.0
360 minute winter	FC31	33.000	J28	0.6	0.282	0.070	0.0110	
360 minute winter	FC31	Infiltration		0.0				0.0
360 minute winter	FC32	34.000	J29	0.6	0.249	0.050	0.0121	
360 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC33	208	187.071	0.621	0.9	0.8296	0.0000	SURCHARGED
360 minute winter	FC34	208	187.072	0.622	0.9	0.8440	0.0000	SURCHARGED
360 minute winter	FC35	208	187.071	0.621	0.9	0.8301	0.0000	SURCHARGED
360 minute winter	FC36	208	187.071	0.621	0.9	0.8294	0.0000	SURCHARGED
360 minute winter	FC37	224	186.478	0.678	1.2	1.9505	0.0000	SURCHARGED
360 minute winter	FC38	232	185.619	0.169	0.7	2.0260	0.0000	SURCHARGED
360 minute winter	FC39	200	185.853	0.403	0.7	0.5090	0.0000	SURCHARGED
360 minute winter	FC40	208	186.078	0.578	0.9	0.8571	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC33	35.000	S12	0.8	0.892	0.055	0.0072	
360 minute winter	FC33	Infiltration		0.0				0.0
360 minute winter	FC34	36.000	J30	0.8	0.527	0.126	0.0071	
360 minute winter	FC34	Infiltration		0.0				0.0
360 minute winter	FC35	37.000	J31	0.8	0.956	0.055	0.0042	
360 minute winter	FC35	Infiltration		0.0				0.0
360 minute winter	FC36	38.000	J32	0.8	1.003	0.052	0.0039	
360 minute winter	FC36	Infiltration		0.0				0.0
360 minute winter	FC37	39.000	J33	0.8	0.694	0.092	0.0078	
360 minute winter	FC37	Infiltration		0.0				0.0
360 minute winter	FC38	40.000	J34	0.4	0.716	0.032	0.0026	
360 minute winter	FC38	Infiltration		0.0				0.0
360 minute winter	FC39	41.000	J35	0.6	0.904	0.044	0.0031	
360 minute winter	FC39	Infiltration		0.0				0.0
360 minute winter	FC40	42.000	J36	0.8	1.167	0.040	0.0033	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC41	208	185.471	0.621	0.9	0.8345	0.0000	SURCHARGED
360 minute winter	FC42	208	185.221	0.621	0.9	0.8377	0.0000	SURCHARGED
360 minute winter	FC43	208	185.220	0.620	0.9	0.8353	0.0000	SURCHARGED
360 minute winter	FC44	184	184.618	0.018	0.7	0.0227	0.0000	OK
360 minute winter	FC45	200	185.004	0.404	0.7	0.5098	0.0000	SURCHARGED
360 minute winter	FC46	224	185.373	0.673	1.2	1.9735	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	208	185.421	0.621	0.9	0.8298	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC40	Infiltration		0.0				0.0
360 minute winter	FC41	43.000	J37	0.8	0.768	0.075	0.0051	
360 minute winter	FC41	Infiltration		0.0				0.0
360 minute winter	FC42	44.000	J38	0.8	0.669	0.091	0.0058	
360 minute winter	FC42	Infiltration		0.0				0.0
360 minute winter	FC43	45.000	J39	0.8	0.759	0.076	0.0045	
360 minute winter	FC43	Infiltration		0.0				0.0
360 minute winter	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
360 minute winter	FC44	Infiltration		0.0				0.0
360 minute winter	FC45	47.000	S10	0.6	0.842	0.048	0.0034	
360 minute winter	FC45	Infiltration		0.0				0.0
360 minute winter	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
360 minute winter	FC46	Infiltration		0.0				0.0
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
360 minute winter	FC48	50.000	J42	0.8	0.475	0.056	0.0086	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC49	208	185.422	0.622	0.9	0.8450	0.0000	SURCHARGED
360 minute winter	FC50	208	185.422	0.622	0.9	0.8450	0.0000	SURCHARGED
360 minute winter	FC51	208	185.472	0.622	0.9	0.8448	0.0000	SURCHARGED
360 minute winter	FC52	208	185.871	0.621	0.9	0.8352	0.0000	SURCHARGED
360 minute winter	FC53	208	185.871	0.621	0.9	0.8366	0.0000	SURCHARGED
360 minute winter	FC54	200	185.655	0.405	0.7	0.5116	0.0000	SURCHARGED
360 minute winter	FC55	200	185.653	0.403	0.7	0.5087	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC48	Infiltration		0.0				0.0
360 minute winter	FC49	51.000	S21	0.8	0.510	0.132	0.0067	
360 minute winter	FC49	Infiltration		0.0				0.0
360 minute winter	FC50	52.000	J43	0.8	0.511	0.132	0.0072	
360 minute winter	FC50	Infiltration		0.0				0.0
360 minute winter	FC51	55.000	S22	0.8	0.513	0.132	0.0094	
360 minute winter	FC51	Infiltration		0.0				0.0
360 minute winter	FC52	58.000	S23	0.8	0.748	0.078	0.0057	
360 minute winter	FC52	Infiltration		0.0				0.0
360 minute winter	FC53	61.000	J50	0.8	0.702	0.084	0.0048	
360 minute winter	FC53	Infiltration		0.0				0.0
360 minute winter	FC54	62.000	J51	0.6	0.732	0.058	0.0034	
360 minute winter	FC54	Infiltration		0.0				0.0
360 minute winter	FC55	64.000	J53	0.6	0.924	0.042	0.0028	
360 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC56	200	185.753	0.402	0.7	0.5083	0.0000	SURCHARGED
360 minute winter	FC57	200	185.753	0.403	0.7	0.5090	0.0000	SURCHARGED
360 minute winter	FC58	200	185.753	0.403	0.7	0.5095	0.0000	SURCHARGED
360 minute winter	FC59	200	185.754	0.404	0.7	0.5104	0.0000	SURCHARGED
360 minute winter	FC60	208	185.971	0.621	0.9	0.8325	0.0000	SURCHARGED
360 minute winter	FC61	208	185.922	0.621	0.9	0.8373	0.0000	SURCHARGED
360 minute winter	FC62	224	185.919	0.668	1.2	1.9681	0.0000	SURCHARGED
360 minute winter	FC63	200	185.810	0.410	0.7	0.5178	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC56	53.000	J44	0.6	0.954	0.041	0.0043	
360 minute winter	FC56	Infiltration		0.0				0.0
360 minute winter	FC57	54.000	J45	0.6	0.895	0.044	0.0046	
360 minute winter	FC57	Infiltration		0.0				0.0
360 minute winter	FC58	56.000	J46	0.6	0.861	0.047	0.0045	
360 minute winter	FC58	Infiltration		0.0				0.0
360 minute winter	FC59	57.000	J47	0.6	0.798	0.052	0.0051	
360 minute winter	FC59	Infiltration		0.0				0.0
360 minute winter	FC60	59.000	J48	0.8	0.841	0.066	0.0062	
360 minute winter	FC60	Infiltration		0.0				0.0
360 minute winter	FC61	60.000	J49	0.8	0.674	0.091	0.0086	
360 minute winter	FC61	Infiltration		0.0				0.0
360 minute winter	FC62	63.000	J52	0.8	0.628	0.106	0.0122	
360 minute winter	FC62	Infiltration		0.0				0.0
360 minute winter	FC63	65.000	S26	0.6	0.360	0.107	0.0044	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC64	200	185.573	0.423	0.7	0.5345	0.0000	SURCHARGED
360 minute winter	FC65	208	185.771	0.621	0.9	0.8347	0.0000	SURCHARGED
360 minute winter	FC66	208	185.622	0.622	0.9	0.8422	0.0000	SURCHARGED
360 minute winter	FC67	232	184.987	0.187	0.7	1.9209	0.0000	SURCHARGED
360 minute winter	FC68	200	184.957	0.407	0.7	0.5140	0.0000	SURCHARGED
360 minute winter	J1	192	188.258	0.058	4.6	0.0875	0.0000	OK
360 minute winter	J2	192	188.136	0.080	5.3	0.0902	0.0000	OK
360 minute winter	J3	192	188.121	0.071	6.1	0.0807	0.0000	OK
360 minute winter	J4	192	188.090	0.051	6.8	0.0575	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	FC63	Infiltration		0.0				0.0
360 minute winter	FC64	66.000	J54	0.6	0.220	0.107	0.0082	
360 minute winter	FC64	Infiltration		0.0				0.0
360 minute winter	FC65	67.000	J55	0.8	0.330	0.081	0.0060	
360 minute winter	FC65	Infiltration		0.0				0.0
360 minute winter	FC66	68.000	S24	0.8	0.572	0.109	0.0029	
360 minute winter	FC66	Infiltration		0.0				0.0
360 minute winter	FC67	69.000	J56	0.4	0.418	0.070	0.0021	
360 minute winter	FC67	Infiltration		0.0				0.0
360 minute winter	FC68	70.000	J57	0.6	0.633	0.070	0.0023	
360 minute winter	FC68	Infiltration		0.0				0.0
360 minute winter	J1	1.001	J2	4.6	1.023	0.551	0.0224	
360 minute winter	J2	1.002	J3	5.3	0.601	0.398	0.0092	
360 minute winter	J3	1.003	J4	6.1	0.911	0.462	0.0132	
360 minute winter	J4	1.004	J5	6.8	1.376	0.198	0.0174	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J5	192	187.956	0.046	7.5	0.0520	0.0000	OK
360 minute winter	J6	192	187.717	0.067	8.2	0.0755	0.0000	OK
360 minute winter	J7	192	187.604	0.079	8.8	0.0894	0.0000	OK
360 minute winter	J8	192	187.571	0.050	9.5	0.0560	0.0000	OK
360 minute winter	J9	192	187.359	0.084	10.2	0.0954	0.0000	OK
360 minute winter	J10	192	187.320	0.050	11.0	0.0563	0.0000	OK
360 minute winter	J11	192	187.193	0.072	11.7	0.0810	0.0000	OK
360 minute winter	J12	192	186.896	0.087	17.4	0.0986	0.0000	OK
360 minute winter	J13	352	186.806	0.179	17.8	0.2023	0.0000	OK
360 minute winter	J14	352	186.806	0.184	18.4	0.2078	0.0000	OK
360 minute winter	J15	352	186.806	0.189	19.0	0.2133	0.0000	OK
360 minute winter	J16	352	186.806	0.201	19.6	0.2268	0.0000	OK
360 minute winter	J17	352	186.806	0.522	20.3	0.5909	0.0000	SURCHARGED
360 minute winter	J18	352	186.805	0.680	24.2	0.7694	0.0000	SURCHARGED
360 minute winter	J19	352	186.805	0.778	24.9	0.8802	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J5	1.005	J6	7.5	1.246	0.197	0.0345	
360 minute winter	J6	1.006	J7	8.2	1.217	0.287	0.0132	
360 minute winter	J7	1.007	J8	8.8	0.956	0.285	0.0107	
360 minute winter	J8	1.008	J9	9.5	0.966	0.107	0.0848	
360 minute winter	J9	1.009	J10	10.2	1.026	0.305	0.0121	
360 minute winter	J10	1.010	J11	11.0	1.272	0.085	0.0212	
360 minute winter	J11	1.011	S2	11.7	0.704	0.182	0.0902	
360 minute winter	J12	1.013	J13	17.4	1.320	0.259	0.0852	
360 minute winter	J13	1.014	J14	17.8	0.590	0.314	0.0844	
360 minute winter	J14	1.015	J15	18.4	0.692	0.327	0.0880	
360 minute winter	J15	1.016	J16	19.0	0.914	0.357	0.2478	
360 minute winter	J16	1.017	J17	19.6	1.270	0.138	0.1915	
360 minute winter	J17	1.018	S3	41.6	1.078	0.134	0.1328	
360 minute winter	J18	1.020	J19	24.2	0.942	0.084	0.1049	
360 minute winter	J19	1.021	S4	26.9	0.826	0.488	0.3096	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J20	352	186.806	0.775	3.5	0.8763	0.0000	SURCHARGED
360 minute winter	J21	352	186.806	0.797	4.2	0.9011	0.0000	SURCHARGED
360 minute winter	J22	352	186.806	0.843	4.8	0.9530	0.0000	SURCHARGED
360 minute winter	J23	352	186.806	0.864	5.1	0.9767	0.0000	SURCHARGED
360 minute winter	J24	352	186.805	0.988	7.6	1.1179	0.0000	FLOOD RISK
360 minute winter	J25	352	186.805	1.009	8.2	1.1416	0.0000	SURCHARGED
360 minute winter	J26	352	186.805	1.026	8.8	1.1608	0.0000	SURCHARGED
360 minute winter	J27	352	186.805	1.069	11.5	1.2093	0.0000	SURCHARGED
360 minute winter	J28	184	186.410	0.054	3.1	0.0607	0.0000	OK
360 minute winter	J29	184	186.333	0.062	3.7	0.0700	0.0000	OK
360 minute winter	J30	184	186.236	0.089	7.6	0.1011	0.0000	OK
360 minute winter	J31	192	186.130	0.086	8.4	0.0976	0.0000	OK
360 minute winter	J32	192	186.092	0.081	9.2	0.0915	0.0000	OK
360 minute winter	J33	192	185.587	0.052	12.4	0.0591	0.0000	OK
360 minute winter	J34	192	185.227	0.102	15.5	0.1152	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J20	23.002	J21	3.5	0.526	0.256	0.0665	
360 minute winter	J21	23.003	J22	4.1	0.555	0.303	0.1411	
360 minute winter	J22	23.004	J23	4.7	0.596	0.349	0.0633	
360 minute winter	J23	23.005	S18	5.0	0.671	0.374	0.1321	
360 minute winter	J24	23.007	J25	7.6	0.479	0.252	0.2458	
360 minute winter	J25	23.008	J26	8.1	0.474	0.269	0.1975	
360 minute winter	J26	23.009	S19	8.7	0.484	0.283	0.1474	
360 minute winter	J27	23.011	S4	11.3	0.708	0.380	0.0951	
360 minute winter	J28	32.001	J29	3.1	0.658	0.520	0.0413	
360 minute winter	J29	32.002	S12	3.7	0.758	0.618	0.0225	
360 minute winter	J30	32.004	J31	7.6	0.742	0.575	0.0511	
360 minute winter	J31	32.005	J32	8.4	0.625	0.279	0.1307	
360 minute winter	J32	32.006	S13	9.2	0.914	0.305	0.0535	
360 minute winter	J33	32.008	S14	12.4	1.060	0.119	0.1079	
360 minute winter	J34	32.010	J35	15.5	1.127	0.403	0.1249	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J35	192	185.144	0.069	16.2	0.0777	0.0000	OK
360 minute winter	J36	192	184.984	0.108	16.9	0.1227	0.0000	OK
360 minute winter	J37	192	184.611	0.111	20.5	0.1251	0.0000	OK
360 minute winter	J38	192	184.450	0.149	24.1	0.1690	0.0000	OK
360 minute winter	J39	192	184.410	0.136	24.8	0.1542	0.0000	OK
360 minute winter	J40	192	184.378	0.113	25.5	0.1277	0.0000	OK
360 minute winter	J41	224	184.622	0.025	0.8	0.0283	0.0000	OK
360 minute winter	J42	216	184.574	0.037	1.6	0.0417	0.0000	OK
360 minute winter	J43	192	184.455	0.075	4.8	0.0852	0.0000	OK
360 minute winter	J44	192	184.442	0.071	5.4	0.0808	0.0000	OK
360 minute winter	J45	192	184.399	0.079	6.1	0.0891	0.0000	OK
360 minute winter	J46	192	184.347	0.125	9.1	0.1408	0.0000	OK
360 minute winter	J47	192	184.341	0.134	9.7	0.1514	0.0000	OK
360 minute winter	J48	192	184.327	0.133	13.0	0.1506	0.0000	OK
360 minute winter	J49	192	184.314	0.145	13.7	0.1643	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J35	32.011	J36	16.2	1.114	0.181	0.1002	
360 minute winter	J36	32.012	S15	16.9	1.101	0.564	0.0365	
360 minute winter	J37	32.014	S16	20.5	1.168	0.371	0.0920	
360 minute winter	J38	32.016	J39	24.1	0.727	0.445	0.3579	
360 minute winter	J39	32.017	J40	24.8	0.898	0.454	0.1012	
360 minute winter	J40	32.018	S10	25.5	1.123	0.256	0.2176	
360 minute winter	J41	48.002	J42	0.8	0.448	0.137	0.0129	
360 minute winter	J42	48.003	S21	1.6	0.626	0.271	0.0209	
360 minute winter	J43	48.005	J44	4.8	0.562	0.345	0.0138	
360 minute winter	J44	48.006	J45	5.4	0.616	0.407	0.0774	
360 minute winter	J45	48.007	S22	6.0	0.696	0.446	0.0207	
360 minute winter	J46	48.009	J47	9.1	0.388	0.296	0.0993	
360 minute winter	J47	48.010	S23	9.7	0.389	0.323	0.0660	
360 minute winter	J48	48.012	J49	13.0	0.503	0.434	0.1920	
360 minute winter	J49	48.013	J50	13.7	0.518	0.448	0.0301	

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J50	192	184.305	0.140	14.5	0.1580	0.0000	OK
360 minute winter	J51	192	184.290	0.142	15.1	0.1605	0.0000	OK
360 minute winter	J52	200	184.276	0.132	15.9	0.1496	0.0000	OK
360 minute winter	J53	200	184.251	0.124	16.5	0.1401	0.0000	OK
360 minute winter	J54	192	185.187	0.058	3.2	0.0660	0.0000	OK
360 minute winter	J55	192	185.149	0.055	4.0	0.0620	0.0000	OK
360 minute winter	J56	392	184.187	0.180	23.6	0.2034	0.0000	OK
360 minute winter	J57	392	184.187	0.202	24.3	0.2283	0.0000	OK
360 minute winter	BASIN 1	352	186.805	1.880	37.6	276.3725	0.0000	FLOOD RISK
360 minute winter	BASIN 2	360	184.856	0.556	4.9	56.3886	0.0000	OK
360 minute winter	BASIN 3	600	183.533	0.433	32.9	369.4617	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	J50	48.014	J51	14.5	0.555	0.485	0.1326	
360 minute winter	J51	48.015	J52	15.1	0.597	0.493	0.0287	
360 minute winter	J52	48.016	J53	15.9	0.682	0.521	0.1137	
360 minute winter	J53	48.017	S24	16.5	0.811	0.548	0.2092	
360 minute winter	J54	65.002	J55	3.2	0.709	0.547	0.0166	
360 minute winter	J55	65.003	S24	4.0	0.947	0.527	0.0333	
360 minute winter	J56	48.019	J57	23.6	0.628	0.436	0.4293	
360 minute winter	J57	48.020	S25	24.2	0.677	0.444	0.3209	
360 minute winter	BASIN 1	1.023	S5	4.8	0.188	0.057	0.9418	
360 minute winter	BASIN 1	Infiltration		0.1				3.5
360 minute winter	BASIN 2	1.027	S7	4.7	0.614	0.057	0.1704	
360 minute winter	BASIN 2	71.000	BH1	1.2	0.580	0.212	0.1829	
360 minute winter	BASIN 2	Infiltration		0.0				0.0
360 minute winter	BASIN 3	1.034	BH2	3.1	0.651	0.025	1.8145	
360 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	BASIN 4	392	184.187	0.857	29.3	267.0194	0.0000	SURCHARGED
360 minute winter	SWALE 1	312	184.935	0.061	4.8	0.0878	0.0000	OK
360 minute winter	SWALE 2	360	184.435	0.060	4.7	0.0855	0.0000	OK
360 minute winter	SWALE 3	192	184.120	0.125	29.0	0.1789	0.0000	OK
360 minute winter	BH1	360	184.856	0.779	1.2	3.0611	0.0000	OK
360 minute winter	BH2	600	183.533	0.450	3.1	3.8395	0.0000	OK
360 minute winter	BH3	392	184.187	0.868	1.8	5.6549	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	BASIN 4	48.022	BH3	1.8	0.526	0.034	0.3211	
360 minute winter	BASIN 4	Infiltration		0.0				0.0
360 minute winter	SWALE 1	1.025	S6	4.8	0.415	0.057	0.4433	
360 minute winter	SWALE 2	1.029	S8	4.7	0.587	0.057	0.2102	
360 minute winter	SWALE 3	1.033	BASIN 3	29.0	0.923	0.232	1.3560	
360 minute winter	BH1	Infiltration		0.1				3.0
360 minute winter	BH2	Infiltration		0.2				4.1
360 minute winter	BH3	Infiltration		0.2				6.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.406	0.036	2.4	0.0540	0.0000	OK
480 minute summer	S2	248	187.174	0.135	18.9	0.2415	0.0000	OK
480 minute summer	S3	480	186.836	0.699	25.6	0.9428	0.0000	SURCHARGED
480 minute summer	S4	480	186.836	1.458	43.0	1.8905	0.0000	SURCHARGED
480 minute summer	S5	480	186.835	1.925	4.8	2.7547	0.0000	FLOOD RISK
480 minute summer	S6	480	184.871	0.063	4.8	0.0902	0.0000	OK
480 minute summer	S7	480	184.792	0.033	4.8	0.0468	0.0000	OK
480 minute summer	S8	480	184.365	0.035	4.8	0.0501	0.0000	OK
480 minute summer	S9	248	184.214	0.089	4.8	0.1267	0.0000	OK
480 minute summer	S10	248	184.214	0.101	34.0	0.1869	0.0000	OK
480 minute summer	S11	248	186.457	0.057	3.1	0.0920	0.0000	OK
480 minute summer	S12	248	186.276	0.100	8.3	0.1512	0.0000	OK
480 minute summer	S13	248	186.053	0.060	13.7	0.0912	0.0000	OK
480 minute summer	S14	248	185.285	0.110	18.0	0.1782	0.0000	OK
480 minute summer	S15	248	184.951	0.084	23.3	0.1359	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S1	1.000	J1	2.4	0.596	0.275	0.0332	
480 minute summer	S2	1.012	J12	18.9	0.839	0.632	0.0336	
480 minute summer	S3	1.019	J18	25.6	1.053	0.481	0.3613	
480 minute summer	S4	1.022	BASIN 1	41.3	1.055	0.247	1.1778	
480 minute summer	S5	1.024	SWALE 1	4.8	0.410	0.057	0.2379	
480 minute summer	S6	1.026	BASIN 2	4.8	0.491	0.055	0.0672	
480 minute summer	S7	1.028	SWALE 2	4.8	0.613	0.016	0.1342	
480 minute summer	S8	1.030	S9	4.8	0.644	0.018	0.1190	
480 minute summer	S9	1.031	S10	4.8	0.677	0.057	0.1454	
480 minute summer	S10	1.032	SWALE 3	34.0	1.141	0.103	0.1306	
480 minute summer	S11	32.000	J28	3.1	0.650	0.521	0.0218	
480 minute summer	S12	32.003	J30	8.3	0.665	0.619	0.0633	
480 minute summer	S13	32.007	J33	13.7	1.694	0.140	0.1053	
480 minute summer	S14	32.009	J34	18.0	0.925	0.355	0.1021	
480 minute summer	S15	32.013	J37	23.3	1.830	0.252	0.1187	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.564	0.077	27.5	0.1206	0.0000	OK
480 minute summer	S17	480	186.837	0.687	3.6	1.1243	0.0000	SURCHARGED
480 minute summer	S18	480	186.836	1.012	8.0	1.5312	0.0000	SURCHARGED
480 minute summer	S19	480	186.836	1.070	12.3	1.5748	0.0000	SURCHARGED
480 minute summer	S20	280	184.668	0.026	0.8	0.0296	0.0000	OK
480 minute summer	S21	248	184.478	0.069	4.5	0.0923	0.0000	OK
480 minute summer	S22	248	184.362	0.131	9.4	0.1717	0.0000	OK
480 minute summer	S23	248	184.346	0.148	13.6	0.1926	0.0000	OK
480 minute summer	S24	504	184.251	0.234	25.8	0.3121	0.0000	OK
480 minute summer	S25	504	184.251	0.281	29.3	0.3956	0.0000	OK
480 minute summer	S26	248	185.415	0.038	3.1	0.0572	0.0000	OK
480 minute summer	FC1	264	188.891	0.641	1.1	1.0889	0.0000	SURCHARGED
480 minute summer	FC2	264	188.790	0.640	1.1	1.0910	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	S16	32.015	J38	27.5	1.038	0.087	0.0622	
480 minute summer	S17	23.001	J20	3.5	0.760	0.594	0.0560	
480 minute summer	S18	23.006	J24	7.7	0.471	0.240	0.0729	
480 minute summer	S19	23.010	J27	12.0	0.592	0.400	0.3541	
480 minute summer	S20	48.001	J41	0.8	0.519	0.138	0.0073	
480 minute summer	S21	48.004	J43	4.5	0.517	0.335	0.0442	
480 minute summer	S22	48.008	J46	9.4	0.397	0.300	0.0593	
480 minute summer	S23	48.011	J48	13.6	0.501	0.440	0.0305	
480 minute summer	S24	48.018	J56	25.8	0.614	0.482	0.2553	
480 minute summer	S25	48.021	BASIN 4	29.3	0.878	0.549	0.2661	
480 minute summer	S26	65.001	J54	3.1	0.785	0.303	0.0343	
480 minute summer	FC1	2.000	J1	0.8	0.343	0.128	0.0167	
480 minute summer	FC1	Infiltration		0.0				0.0
480 minute summer	FC2	3.000	J2	0.8	0.514	0.133	0.0096	
480 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC3	280	188.878	0.678	1.5	2.3341	0.0000	SURCHARGED
480 minute summer	FC4	256	188.663	0.463	0.8	0.5850	0.0000	SURCHARGED
480 minute summer	FC5	264	188.639	0.639	1.1	1.0930	0.0000	SURCHARGED
480 minute summer	FC6	256	188.312	0.462	0.8	0.5831	0.0000	SURCHARGED
480 minute summer	FC7	256	188.214	0.464	0.8	0.5856	0.0000	SURCHARGED
480 minute summer	FC8	264	188.389	0.639	1.1	1.0824	0.0000	SURCHARGED
480 minute summer	FC9	256	187.935	0.465	0.8	0.5878	0.0000	SURCHARGED
480 minute summer	FC10	280	188.159	0.689	1.5	2.3187	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC3	4.000	J3	0.8	0.544	0.131	0.0152	
480 minute summer	FC3	Infiltration		0.0				0.0
480 minute summer	FC4	5.000	J4	0.7	0.581	0.090	0.0085	
480 minute summer	FC4	Infiltration		0.0				0.0
480 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064	
480 minute summer	FC5	Infiltration		0.0				0.0
480 minute summer	FC6	7.000	J6	0.7	0.645	0.077	0.0083	
480 minute summer	FC6	Infiltration		0.0				0.0
480 minute summer	FC7	8.000	J7	0.7	0.562	0.095	0.0087	
480 minute summer	FC7	Infiltration		0.0				0.0
480 minute summer	FC8	9.000	J8	0.8	0.720	0.083	0.0046	
480 minute summer	FC8	Infiltration		0.0				0.0
480 minute summer	FC9	10.000	J9	0.7	0.495	0.113	0.0098	
480 minute summer	FC9	Infiltration		0.0				0.0
480 minute summer	FC10	11.000	J10	0.8	0.565	0.124	0.0091	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC11	264	187.962	0.642	1.1	1.0908	0.0000	SURCHARGED
480 minute summer	FC12	264	187.872	0.642	1.1	1.0906	0.0000	SURCHARGED
480 minute summer	FC13	264	187.641	0.641	1.1	1.0909	0.0000	SURCHARGED
480 minute summer	FC14	288	187.144	0.244	1.1	3.1098	0.0000	SURCHARGED
480 minute summer	FC15	256	187.657	0.457	0.8	0.5775	0.0000	SURCHARGED
480 minute summer	FC16	256	187.365	0.465	0.8	0.5870	0.0000	SURCHARGED
480 minute summer	FC17	256	187.459	0.459	0.8	0.5802	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC10	Infiltration		0.0				0.0
480 minute summer	FC11	12.000	J11	0.8	0.517	0.134	0.0119	
480 minute summer	FC11	Infiltration		0.0				0.0
480 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0106	
480 minute summer	FC12	Infiltration		0.0				0.0
480 minute summer	FC13	14.000	J12	0.8	0.518	0.134	0.0105	
480 minute summer	FC13	Infiltration		0.0				0.0
480 minute summer	FC14	15.000	J13	0.5	0.450	0.081	0.0080	
480 minute summer	FC14	Infiltration		0.0				0.0
480 minute summer	FC15	16.000	J14	0.7	1.048	0.039	0.0030	
480 minute summer	FC15	Infiltration		0.0				0.0
480 minute summer	FC16	17.000	J15	0.7	0.518	0.106	0.0099	
480 minute summer	FC16	Infiltration		0.0				0.0
480 minute summer	FC17	18.000	J16	0.7	0.820	0.055	0.0055	
480 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC18	256	187.016	0.465	0.8	0.5879	0.0000	SURCHARGED
480 minute summer	FC19	264	187.041	0.641	1.1	1.0910	0.0000	SURCHARGED
480 minute summer	FC20	264	187.588	0.638	1.1	1.0746	0.0000	SURCHARGED
480 minute summer	FC21	272	186.940	0.640	1.1	1.0963	0.0000	SURCHARGED
480 minute summer	FC22	480	186.843	0.393	0.8	3.8062	0.0000	SURCHARGED
480 minute summer	FC23	480	186.846	0.546	0.8	0.6894	0.0000	SURCHARGED
480 minute summer	FC24	272	186.940	0.640	1.1	1.0919	0.0000	SURCHARGED
480 minute summer	FC25	264	187.188	0.638	1.1	1.0743	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC18	19.000	J17	0.7	0.493	0.114	0.0548	
480 minute summer	FC18	Infiltration		0.0				0.0
480 minute summer	FC19	20.000	S3	0.8	0.514	0.135	0.0517	
480 minute summer	FC19	Infiltration		0.0				0.0
480 minute summer	FC20	21.000	J18	0.8	1.042	0.050	0.0178	
480 minute summer	FC20	Infiltration		0.0				0.0
480 minute summer	FC21	22.000	J19	0.8	0.515	0.135	0.0599	
480 minute summer	FC21	Infiltration		0.0				0.0
480 minute summer	FC22	23.000	S17	0.4	0.173	0.027	0.0373	
480 minute summer	FC22	Infiltration		0.0				0.0
480 minute summer	FC23	24.000	J20	0.7	0.814	0.051	0.0359	
480 minute summer	FC23	Infiltration		0.0				0.0
480 minute summer	FC24	25.000	J21	0.8	0.892	0.057	0.0363	
480 minute summer	FC24	Infiltration		0.0				0.0
480 minute summer	FC25	26.000	J22	0.8	1.031	0.050	0.0370	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC26	480	186.842	0.392	0.8	3.9519	0.0000	SURCHARGED
480 minute summer	FC27	256	186.956	0.456	0.8	0.5762	0.0000	SURCHARGED
480 minute summer	FC28	264	187.138	0.638	1.1	1.0746	0.0000	SURCHARGED
480 minute summer	FC29	264	187.136	0.636	1.1	1.0758	0.0000	SURCHARGED
480 minute summer	FC30	264	187.388	0.638	1.1	1.0759	0.0000	SURCHARGED
480 minute summer	FC31	256	186.911	0.461	0.8	0.5826	0.0000	SURCHARGED
480 minute summer	FC32	256	186.909	0.459	0.8	0.5795	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC25	Infiltration		0.0				0.0
480 minute summer	FC26	27.000	J23	0.4	0.729	0.031	0.0361	
480 minute summer	FC26	Infiltration		0.0				0.0
480 minute summer	FC27	28.000	J24	0.7	1.135	0.031	0.0352	
480 minute summer	FC27	Infiltration		0.0				0.0
480 minute summer	FC28	29.000	J25	0.8	1.037	0.050	0.0341	
480 minute summer	FC28	Infiltration		0.0				0.0
480 minute summer	FC29	30.000	J26	0.8	1.008	0.052	0.0369	
480 minute summer	FC29	Infiltration		0.0				0.0
480 minute summer	FC30	31.000	J27	0.8	0.969	0.055	0.0330	
480 minute summer	FC30	Infiltration		0.0				0.0
480 minute summer	FC31	33.000	J28	0.7	0.297	0.074	0.0127	
480 minute summer	FC31	Infiltration		0.0				0.0
480 minute summer	FC32	34.000	J29	0.7	0.260	0.053	0.0138	
480 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC33	264	187.090	0.639	1.1	1.0748	0.0000	SURCHARGED
480 minute summer	FC34	264	187.091	0.641	1.1	1.0907	0.0000	SURCHARGED
480 minute summer	FC35	264	187.088	0.638	1.1	1.0761	0.0000	SURCHARGED
480 minute summer	FC36	264	187.085	0.635	1.1	1.0767	0.0000	SURCHARGED
480 minute summer	FC37	280	186.496	0.696	1.5	2.2990	0.0000	SURCHARGED
480 minute summer	FC38	288	185.620	0.170	0.8	2.0429	0.0000	SURCHARGED
480 minute summer	FC39	256	185.908	0.458	0.8	0.5789	0.0000	SURCHARGED
480 minute summer	FC40	264	186.096	0.596	1.1	1.1109	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC33	35.000	S12	0.8	0.932	0.056	0.0097	
480 minute summer	FC33	Infiltration		0.0				0.0
480 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0072	
480 minute summer	FC34	Infiltration		0.0				0.0
480 minute summer	FC35	37.000	J31	0.8	0.960	0.056	0.0043	
480 minute summer	FC35	Infiltration		0.0				0.0
480 minute summer	FC36	38.000	J32	0.8	1.006	0.052	0.0040	
480 minute summer	FC36	Infiltration		0.0				0.0
480 minute summer	FC37	39.000	J33	0.8	0.696	0.094	0.0078	
480 minute summer	FC37	Infiltration		0.0				0.0
480 minute summer	FC38	40.000	J34	0.4	0.717	0.032	0.0026	
480 minute summer	FC38	Infiltration		0.0				0.0
480 minute summer	FC39	41.000	J35	0.7	0.922	0.046	0.0032	
480 minute summer	FC39	Infiltration		0.0				0.0
480 minute summer	FC40	42.000	J36	0.8	1.172	0.040	0.0033	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC41	264	185.487	0.637	1.1	1.0816	0.0000	SURCHARGED
480 minute summer	FC42	264	185.237	0.637	1.1	1.0851	0.0000	SURCHARGED
480 minute summer	FC43	264	185.224	0.624	1.1	1.0884	0.0000	SURCHARGED
480 minute summer	FC44	248	184.619	0.019	0.8	0.0243	0.0000	OK
480 minute summer	FC45	256	185.059	0.459	0.8	0.5797	0.0000	SURCHARGED
480 minute summer	FC46	280	185.389	0.689	1.5	2.3227	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	264	185.439	0.639	1.1	1.0755	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC40	Infiltration		0.0				0.0
480 minute summer	FC41	43.000	J37	0.8	0.771	0.076	0.0052	
480 minute summer	FC41	Infiltration		0.0				0.0
480 minute summer	FC42	44.000	J38	0.8	0.671	0.092	0.0058	
480 minute summer	FC42	Infiltration		0.0				0.0
480 minute summer	FC43	45.000	J39	0.8	0.760	0.076	0.0045	
480 minute summer	FC43	Infiltration		0.0				0.0
480 minute summer	FC44	46.000	J40	0.8	0.779	0.075	0.0045	
480 minute summer	FC44	Infiltration		0.0				0.0
480 minute summer	FC45	47.000	S10	0.7	0.858	0.051	0.0036	
480 minute summer	FC45	Infiltration		0.0				0.0
480 minute summer	FC46	48.000	S20	0.8	0.509	0.139	0.0097	
480 minute summer	FC46	Infiltration		0.0				0.0
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0041	
480 minute summer	FC48	50.000	J42	0.8	0.477	0.057	0.0087	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC49	264	185.440	0.640	1.1	1.0923	0.0000	SURCHARGED
480 minute summer	FC50	264	185.440	0.640	1.1	1.0920	0.0000	SURCHARGED
480 minute summer	FC51	264	185.488	0.638	1.1	1.0929	0.0000	SURCHARGED
480 minute summer	FC52	264	185.884	0.634	1.1	1.0839	0.0000	SURCHARGED
480 minute summer	FC53	264	185.889	0.639	1.1	1.0831	0.0000	SURCHARGED
480 minute summer	FC54	256	185.710	0.460	0.8	0.5815	0.0000	SURCHARGED
480 minute summer	FC55	256	185.708	0.458	0.8	0.5786	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC48	Infiltration		0.0				0.0
480 minute summer	FC49	51.000	S21	0.8	0.512	0.134	0.0068	
480 minute summer	FC49	Infiltration		0.0				0.0
480 minute summer	FC50	52.000	J43	0.8	0.513	0.134	0.0072	
480 minute summer	FC50	Infiltration		0.0				0.0
480 minute summer	FC51	55.000	S22	0.8	0.515	0.134	0.0094	
480 minute summer	FC51	Infiltration		0.0				0.0
480 minute summer	FC52	58.000	S23	0.8	0.750	0.079	0.0058	
480 minute summer	FC52	Infiltration		0.0				0.0
480 minute summer	FC53	61.000	J50	0.8	0.705	0.086	0.0048	
480 minute summer	FC53	Infiltration		0.0				0.0
480 minute summer	FC54	62.000	J51	0.7	0.745	0.062	0.0036	
480 minute summer	FC54	Infiltration		0.0				0.0
480 minute summer	FC55	64.000	J53	0.7	0.942	0.045	0.0030	
480 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC56	256	185.808	0.458	0.8	0.5782	0.0000	SURCHARGED
480 minute summer	FC57	256	185.808	0.458	0.8	0.5789	0.0000	SURCHARGED
480 minute summer	FC58	256	185.809	0.459	0.8	0.5794	0.0000	SURCHARGED
480 minute summer	FC59	256	185.809	0.459	0.8	0.5803	0.0000	SURCHARGED
480 minute summer	FC60	264	185.989	0.639	1.1	1.0784	0.0000	SURCHARGED
480 minute summer	FC61	264	185.939	0.639	1.1	1.0837	0.0000	SURCHARGED
480 minute summer	FC62	280	185.934	0.684	1.5	2.3191	0.0000	SURCHARGED
480 minute summer	FC63	256	185.865	0.465	0.8	0.5874	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC56	53.000	J44	0.7	0.973	0.043	0.0046	
480 minute summer	FC56	Infiltration		0.0				0.0
480 minute summer	FC57	54.000	J45	0.7	0.913	0.048	0.0048	
480 minute summer	FC57	Infiltration		0.0				0.0
480 minute summer	FC58	56.000	J46	0.7	0.878	0.050	0.0048	
480 minute summer	FC58	Infiltration		0.0				0.0
480 minute summer	FC59	57.000	J47	0.7	0.813	0.056	0.0053	
480 minute summer	FC59	Infiltration		0.0				0.0
480 minute summer	FC60	59.000	J48	0.8	0.844	0.067	0.0062	
480 minute summer	FC60	Infiltration		0.0				0.0
480 minute summer	FC61	60.000	J49	0.8	0.677	0.092	0.0087	
480 minute summer	FC61	Infiltration		0.0				0.0
480 minute summer	FC62	63.000	J52	0.8	0.630	0.107	0.0123	
480 minute summer	FC62	Infiltration		0.0				0.0
480 minute summer	FC63	65.000	S26	0.7	0.367	0.114	0.0048	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC64	256	185.631	0.481	0.8	0.6077	0.0000	SURCHARGED
480 minute summer	FC65	264	185.790	0.640	1.1	1.0805	0.0000	SURCHARGED
480 minute summer	FC66	264	185.641	0.641	1.1	1.0887	0.0000	SURCHARGED
480 minute summer	FC67	288	184.988	0.188	0.8	1.9386	0.0000	SURCHARGED
480 minute summer	FC68	256	185.012	0.462	0.8	0.5837	0.0000	SURCHARGED
480 minute summer	J1	248	188.267	0.067	5.6	0.1005	0.0000	OK
480 minute summer	J2	248	188.144	0.088	6.4	0.0995	0.0000	OK
480 minute summer	J3	248	188.128	0.078	7.2	0.0881	0.0000	OK
480 minute summer	J4	248	188.094	0.055	7.8	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	FC63	Infiltration		0.0				0.0
480 minute summer	FC64	66.000	J54	0.7	0.234	0.115	0.0095	
480 minute summer	FC64	Infiltration		0.0				0.0
480 minute summer	FC65	67.000	J55	0.8	0.353	0.082	0.0065	
480 minute summer	FC65	Infiltration		0.0				0.0
480 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029	
480 minute summer	FC66	Infiltration		0.0				0.0
480 minute summer	FC67	69.000	J56	0.4	0.419	0.071	0.0021	
480 minute summer	FC67	Infiltration		0.0				0.0
480 minute summer	FC68	70.000	J57	0.7	0.645	0.075	0.0024	
480 minute summer	FC68	Infiltration		0.0				0.0
480 minute summer	J1	1.001	J2	5.6	1.066	0.673	0.0263	
480 minute summer	J2	1.002	J3	6.4	0.638	0.474	0.0104	
480 minute summer	J3	1.003	J4	7.2	0.948	0.539	0.0147	
480 minute summer	J4	1.004	J5	7.8	1.424	0.229	0.0194	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J5	248	187.960	0.050	8.6	0.0561	0.0000	OK
480 minute summer	J6	248	187.722	0.072	9.2	0.0815	0.0000	OK
480 minute summer	J7	248	187.609	0.084	9.9	0.0951	0.0000	OK
480 minute summer	J8	248	187.573	0.052	10.4	0.0593	0.0000	OK
480 minute summer	J9	248	187.364	0.089	11.3	0.1010	0.0000	OK
480 minute summer	J10	248	187.323	0.053	12.1	0.0599	0.0000	OK
480 minute summer	J11	248	187.197	0.076	12.9	0.0860	0.0000	OK
480 minute summer	J12	248	186.903	0.094	19.6	0.1060	0.0000	OK
480 minute summer	J13	480	186.836	0.209	20.1	0.2365	0.0000	OK
480 minute summer	J14	480	186.836	0.214	20.7	0.2421	0.0000	OK
480 minute summer	J15	480	186.836	0.219	21.3	0.2477	0.0000	OK
480 minute summer	J16	480	186.836	0.231	22.0	0.2612	0.0000	OK
480 minute summer	J17	480	186.836	0.553	25.9	0.6253	0.0000	SURCHARGED
480 minute summer	J18	480	186.836	0.711	26.4	0.8039	0.0000	SURCHARGED
480 minute summer	J19	480	186.836	0.809	28.8	0.9146	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J5	1.005	J6	8.6	1.283	0.225	0.0382	
480 minute summer	J6	1.006	J7	9.2	1.253	0.325	0.0145	
480 minute summer	J7	1.007	J8	9.7	0.983	0.315	0.0116	
480 minute summer	J8	1.008	J9	10.7	0.998	0.120	0.0917	
480 minute summer	J9	1.009	J10	11.3	1.051	0.339	0.0131	
480 minute summer	J10	1.010	J11	12.1	1.291	0.094	0.0231	
480 minute summer	J11	1.011	S2	12.9	0.710	0.200	0.0983	
480 minute summer	J12	1.013	J13	19.6	1.360	0.293	0.0935	
480 minute summer	J13	1.014	J14	20.0	0.612	0.354	0.1007	
480 minute summer	J14	1.015	J15	20.7	0.717	0.367	0.1043	
480 minute summer	J15	1.016	J16	21.3	0.942	0.400	0.2904	
480 minute summer	J16	1.017	J17	22.0	1.306	0.154	0.2141	
480 minute summer	J17	1.018	S3	22.6	1.092	0.073	0.1328	
480 minute summer	J18	1.020	J19	28.2	0.957	0.098	0.1049	
480 minute summer	J19	1.021	S4	27.5	0.847	0.498	0.3096	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J20	480	186.836	0.805	4.1	0.9109	0.0000	SURCHARGED
480 minute summer	J21	480	186.836	0.827	4.8	0.9358	0.0000	SURCHARGED
480 minute summer	J22	480	186.836	0.873	5.3	0.9877	0.0000	SURCHARGED
480 minute summer	J23	480	186.836	0.894	5.2	1.0113	0.0000	SURCHARGED
480 minute summer	J24	480	186.836	1.019	8.3	1.1525	0.0000	FLOOD RISK
480 minute summer	J25	480	186.836	1.040	8.8	1.1762	0.0000	SURCHARGED
480 minute summer	J26	480	186.836	1.057	9.4	1.1953	0.0000	SURCHARGED
480 minute summer	J27	480	186.836	1.100	12.8	1.2437	0.0000	SURCHARGED
480 minute summer	J28	248	186.417	0.061	3.7	0.0689	0.0000	OK
480 minute summer	J29	248	186.341	0.070	4.4	0.0794	0.0000	OK
480 minute summer	J30	248	186.247	0.100	9.1	0.1128	0.0000	OK
480 minute summer	J31	248	186.138	0.094	9.8	0.1066	0.0000	OK
480 minute summer	J32	248	186.098	0.087	10.6	0.0989	0.0000	OK
480 minute summer	J33	248	185.592	0.057	14.5	0.0640	0.0000	OK
480 minute summer	J34	248	185.237	0.112	18.4	0.1265	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J20	23.002	J21	4.1	0.537	0.301	0.0665	
480 minute summer	J21	23.003	J22	4.6	0.564	0.342	0.1411	
480 minute summer	J22	23.004	J23	4.9	0.607	0.361	0.0633	
480 minute summer	J23	23.005	S18	5.2	0.685	0.385	0.1321	
480 minute summer	J24	23.007	J25	8.0	0.483	0.267	0.2458	
480 minute summer	J25	23.008	J26	8.6	0.474	0.284	0.1975	
480 minute summer	J26	23.009	S19	9.1	0.478	0.298	0.1474	
480 minute summer	J27	23.011	S4	16.0	0.686	0.536	0.0951	
480 minute summer	J28	32.001	J29	3.7	0.689	0.632	0.0480	
480 minute summer	J29	32.002	S12	4.4	0.787	0.739	0.0259	
480 minute summer	J30	32.004	J31	9.1	0.782	0.682	0.0576	
480 minute summer	J31	32.005	J32	9.8	0.656	0.327	0.1461	
480 minute summer	J32	32.006	S13	10.6	0.945	0.353	0.0600	
480 minute summer	J33	32.008	S14	14.5	1.088	0.140	0.1229	
480 minute summer	J34	32.010	J35	18.4	1.171	0.476	0.1420	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J35	248	185.151	0.076	19.0	0.0860	0.0000	OK
480 minute summer	J36	248	184.993	0.118	19.8	0.1339	0.0000	OK
480 minute summer	J37	248	184.621	0.121	24.1	0.1364	0.0000	OK
480 minute summer	J38	248	184.465	0.165	28.3	0.1862	0.0000	OK
480 minute summer	J39	248	184.423	0.149	29.1	0.1690	0.0000	OK
480 minute summer	J40	248	184.389	0.124	29.9	0.1398	0.0000	OK
480 minute summer	J41	280	184.622	0.025	0.8	0.0285	0.0000	OK
480 minute summer	J42	272	184.574	0.037	1.6	0.0420	0.0000	OK
480 minute summer	J43	248	184.460	0.080	5.3	0.0900	0.0000	OK
480 minute summer	J44	248	184.445	0.075	5.9	0.0852	0.0000	OK
480 minute summer	J45	248	184.403	0.083	6.5	0.0935	0.0000	OK
480 minute summer	J46	248	184.357	0.135	10.1	0.1524	0.0000	OK
480 minute summer	J47	248	184.351	0.144	10.7	0.1629	0.0000	OK
480 minute summer	J48	248	184.337	0.143	14.4	0.1618	0.0000	OK
480 minute summer	J49	248	184.324	0.154	15.1	0.1747	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J35	32.011	J36	19.0	1.158	0.214	0.1132	
480 minute summer	J36	32.012	S15	19.8	1.142	0.659	0.0411	
480 minute summer	J37	32.014	S16	24.0	1.190	0.436	0.1057	
480 minute summer	J38	32.016	J39	28.3	0.759	0.524	0.4036	
480 minute summer	J39	32.017	J40	29.1	0.933	0.532	0.1140	
480 minute summer	J40	32.018	S10	29.9	1.169	0.300	0.2448	
480 minute summer	J41	48.002	J42	0.8	0.455	0.139	0.0130	
480 minute summer	J42	48.003	S21	1.6	0.628	0.274	0.0211	
480 minute summer	J43	48.005	J44	5.3	0.573	0.376	0.0147	
480 minute summer	J44	48.006	J45	5.9	0.628	0.442	0.0825	
480 minute summer	J45	48.007	S22	6.5	0.709	0.482	0.0220	
480 minute summer	J46	48.009	J47	10.1	0.391	0.326	0.1088	
480 minute summer	J47	48.010	S23	10.7	0.393	0.355	0.0719	
480 minute summer	J48	48.012	J49	14.3	0.515	0.480	0.2073	
480 minute summer	J49	48.013	J50	15.1	0.532	0.493	0.0323	

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J50	248	184.314	0.148	15.9	0.1679	0.0000	OK
480 minute summer	J51	248	184.298	0.150	16.5	0.1697	0.0000	OK
480 minute summer	J52	248	184.284	0.140	17.3	0.1580	0.0000	OK
480 minute summer	J53	248	184.257	0.130	18.0	0.1473	0.0000	OK
480 minute summer	J54	248	185.194	0.064	3.8	0.0729	0.0000	OK
480 minute summer	J55	248	185.154	0.060	4.6	0.0675	0.0000	OK
480 minute summer	J56	504	184.251	0.244	26.2	0.2759	0.0000	OK
480 minute summer	J57	504	184.251	0.266	26.8	0.3008	0.0000	OK
480 minute summer	BASIN 1	480	186.835	1.910	42.8	282.4427	0.0000	FLOOD RISK
480 minute summer	BASIN 2	480	184.857	0.557	4.9	56.4576	0.0000	OK
480 minute summer	BASIN 3	720	183.647	0.547	38.9	420.2076	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	J50	48.014	J51	15.9	0.569	0.532	0.1418	
480 minute summer	J51	48.015	J52	16.5	0.612	0.540	0.0306	
480 minute summer	J52	48.016	J53	17.3	0.698	0.568	0.1211	
480 minute summer	J53	48.017	S24	18.0	0.830	0.596	0.2687	
480 minute summer	J54	65.002	J55	3.8	0.740	0.638	0.0186	
480 minute summer	J55	65.003	S24	4.6	0.974	0.599	0.0368	
480 minute summer	J56	48.019	J57	26.1	0.643	0.482	0.5788	
480 minute summer	J57	48.020	S25	26.8	0.692	0.491	0.4116	
480 minute summer	BASIN 1	1.023	S5	4.8	0.144	0.058	0.9418	
480 minute summer	BASIN 1	Infiltration		0.1				4.3
480 minute summer	BASIN 2	1.027	S7	4.8	0.618	0.058	0.1729	
480 minute summer	BASIN 2	71.000	BH1	1.1	0.559	0.187	0.1829	
480 minute summer	BASIN 2	Infiltration		0.0				0.0
480 minute summer	BASIN 3	1.034	BH2	4.0	0.606	0.033	1.8265	
480 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	BASIN 4	504	184.251	0.921	33.2	289.2986	0.0000	SURCHARGED
480 minute summer	SWALE 1	344	184.935	0.061	4.8	0.0878	0.0000	OK
480 minute summer	SWALE 2	480	184.435	0.060	4.8	0.0864	0.0000	OK
480 minute summer	SWALE 3	248	184.132	0.136	34.0	0.1953	0.0000	OK
480 minute summer	BH1	480	184.857	0.780	1.1	3.0628	0.0000	OK
480 minute summer	BH2	720	183.647	0.564	4.0	4.4089	0.0000	OK
480 minute summer	BH3	504	184.251	0.932	1.2	5.9541	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	BASIN 4	48.022	BH3	1.2	0.467	0.023	0.3211	
480 minute summer	BASIN 4	Infiltration		0.0				0.0
480 minute summer	SWALE 1	1.025	S6	4.8	0.415	0.058	0.4464	
480 minute summer	SWALE 2	1.029	S8	4.8	0.591	0.058	0.2133	
480 minute summer	SWALE 3	1.033	BASIN 3	34.0	0.963	0.272	1.5257	
480 minute summer	BH1	Infiltration		0.1				3.6
480 minute summer	BH2	Infiltration		0.2				4.9
480 minute summer	BH3	Infiltration		0.2				7.2

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	248	188.399	0.029	1.6	0.0437	0.0000	OK
480 minute winter	S2	248	187.154	0.115	14.2	0.2062	0.0000	OK
480 minute winter	S3	464	186.845	0.708	33.2	0.9550	0.0000	SURCHARGED
480 minute winter	S4	464	186.845	1.466	37.7	1.9020	0.0000	SURCHARGED
480 minute winter	S5	464	186.844	1.934	4.8	2.7676	0.0000	FLOOD RISK
480 minute winter	S6	472	184.871	0.063	4.8	0.0903	0.0000	OK
480 minute winter	S7	472	184.792	0.033	4.8	0.0469	0.0000	OK
480 minute winter	S8	472	184.365	0.035	4.8	0.0502	0.0000	OK
480 minute winter	S9	256	184.194	0.069	4.8	0.0987	0.0000	OK
480 minute winter	S10	256	184.194	0.081	24.3	0.1505	0.0000	OK
480 minute winter	S11	256	186.443	0.043	2.0	0.0699	0.0000	OK
480 minute winter	S12	256	186.254	0.078	5.7	0.1181	0.0000	OK
480 minute winter	S13	256	186.043	0.050	9.7	0.0760	0.0000	OK
480 minute winter	S14	256	185.264	0.089	12.8	0.1448	0.0000	OK
480 minute winter	S15	256	184.937	0.070	16.7	0.1125	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S1	1.000	J1	1.6	0.538	0.183	0.0247	
480 minute winter	S2	1.012	J12	14.2	0.767	0.475	0.0277	
480 minute winter	S3	1.019	J18	23.4	1.054	0.440	0.3613	
480 minute winter	S4	1.022	BASIN 1	31.0	1.070	0.185	1.1778	
480 minute winter	S5	1.024	SWALE 1	4.8	0.410	0.058	0.2379	
480 minute winter	S6	1.026	BASIN 2	4.8	0.491	0.055	0.0673	
480 minute winter	S7	1.028	SWALE 2	4.8	0.613	0.016	0.1344	
480 minute winter	S8	1.030	S9	4.8	0.644	0.018	0.0987	
480 minute winter	S9	1.031	S10	4.8	0.677	0.057	0.1046	
480 minute winter	S10	1.032	SWALE 3	24.3	1.072	0.074	0.0995	
480 minute winter	S11	32.000	J28	2.0	0.585	0.336	0.0157	
480 minute winter	S12	32.003	J30	5.7	0.609	0.430	0.0479	
480 minute winter	S13	32.007	J33	9.7	1.535	0.099	0.0825	
480 minute winter	S14	32.009	J34	12.8	0.850	0.253	0.0791	
480 minute winter	S15	32.013	J37	16.7	1.684	0.181	0.0924	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	256	184.547	0.060	19.6	0.0935	0.0000	OK
480 minute winter	S17	464	186.846	0.696	2.5	1.1389	0.0000	SURCHARGED
480 minute winter	S18	464	186.845	1.021	6.2	1.5448	0.0000	SURCHARGED
480 minute winter	S19	472	186.845	1.079	10.5	1.5881	0.0000	SURCHARGED
480 minute winter	S20	288	184.668	0.026	0.8	0.0291	0.0000	OK
480 minute winter	S21	256	184.468	0.059	3.5	0.0789	0.0000	OK
480 minute winter	S22	256	184.338	0.106	7.3	0.1397	0.0000	OK
480 minute winter	S23	256	184.321	0.123	10.5	0.1607	0.0000	OK
480 minute winter	S24	496	184.250	0.233	19.9	0.3114	0.0000	OK
480 minute winter	S25	496	184.250	0.280	22.4	0.3948	0.0000	OK
480 minute winter	S26	248	185.409	0.032	2.2	0.0477	0.0000	OK
480 minute winter	FC1	272	188.726	0.476	0.7	0.6223	0.0000	SURCHARGED
480 minute winter	FC2	272	188.627	0.477	0.7	0.6240	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	S16	32.015	J38	19.6	0.989	0.062	0.0471	
480 minute winter	S17	23.001	J20	2.4	0.697	0.410	0.0560	
480 minute winter	S18	23.006	J24	5.9	0.454	0.186	0.0729	
480 minute winter	S19	23.010	J27	8.9	0.581	0.298	0.3541	
480 minute winter	S20	48.001	J41	0.8	0.515	0.134	0.0072	
480 minute winter	S21	48.004	J43	3.5	0.494	0.264	0.0364	
480 minute winter	S22	48.008	J46	7.3	0.396	0.233	0.0460	
480 minute winter	S23	48.011	J48	10.5	0.481	0.339	0.0244	
480 minute winter	S24	48.018	J56	19.9	0.578	0.372	0.2548	
480 minute winter	S25	48.021	BASIN 4	22.4	0.811	0.421	0.2658	
480 minute winter	S26	65.001	J54	2.2	0.715	0.215	0.0268	
480 minute winter	FC1	2.000	J1	0.7	0.288	0.110	0.0128	
480 minute winter	FC1	Infiltration		0.0				0.0
480 minute winter	FC2	3.000	J2	0.7	0.493	0.114	0.0063	
480 minute winter	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC3	288	188.842	0.642	1.0	1.4174	0.0000	SURCHARGED
480 minute winter	FC4	256	188.498	0.298	0.6	0.3769	0.0000	SURCHARGED
480 minute winter	FC5	272	188.478	0.477	0.7	0.6241	0.0000	SURCHARGED
480 minute winter	FC6	256	188.147	0.297	0.6	0.3753	0.0000	SURCHARGED
480 minute winter	FC7	256	188.049	0.299	0.6	0.3774	0.0000	SURCHARGED
480 minute winter	FC8	272	188.223	0.473	0.7	0.6177	0.0000	SURCHARGED
480 minute winter	FC9	256	187.771	0.300	0.6	0.3795	0.0000	SURCHARGED
480 minute winter	FC10	288	188.116	0.646	1.0	1.4093	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC3	4.000	J3	0.8	0.539	0.127	0.0138	
480 minute winter	FC3	Infiltration		0.0				0.0
480 minute winter	FC4	5.000	J4	0.5	0.544	0.072	0.0072	
480 minute winter	FC4	Infiltration		0.0				0.0
480 minute winter	FC5	6.000	J5	0.7	0.491	0.115	0.0058	
480 minute winter	FC5	Infiltration		0.0				0.0
480 minute winter	FC6	7.000	J6	0.5	0.606	0.062	0.0065	
480 minute winter	FC6	Infiltration		0.0				0.0
480 minute winter	FC7	8.000	J7	0.5	0.526	0.075	0.0074	
480 minute winter	FC7	Infiltration		0.0				0.0
480 minute winter	FC8	9.000	J8	0.7	0.689	0.071	0.0041	
480 minute winter	FC8	Infiltration		0.0				0.0
480 minute winter	FC9	10.000	J9	0.5	0.465	0.090	0.0083	
480 minute winter	FC9	Infiltration		0.0				0.0
480 minute winter	FC10	11.000	J10	0.8	0.560	0.120	0.0089	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC11	272	187.797	0.477	0.7	0.6237	0.0000	SURCHARGED
480 minute winter	FC12	272	187.707	0.477	0.7	0.6237	0.0000	SURCHARGED
480 minute winter	FC13	272	187.477	0.477	0.7	0.6237	0.0000	SURCHARGED
480 minute winter	FC14	304	187.117	0.217	0.7	2.7743	0.0000	SURCHARGED
480 minute winter	FC15	256	187.493	0.293	0.6	0.3697	0.0000	SURCHARGED
480 minute winter	FC16	256	187.200	0.300	0.6	0.3788	0.0000	SURCHARGED
480 minute winter	FC17	256	187.295	0.295	0.6	0.3723	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC10	Infiltration		0.0				0.0
480 minute winter	FC11	12.000	J11	0.7	0.495	0.115	0.0106	
480 minute winter	FC11	Infiltration		0.0				0.0
480 minute winter	FC12	13.000	S2	0.7	0.495	0.115	0.0095	
480 minute winter	FC12	Infiltration		0.0				0.0
480 minute winter	FC13	14.000	J12	0.7	0.496	0.115	0.0094	
480 minute winter	FC13	Infiltration		0.0				0.0
480 minute winter	FC14	15.000	J13	0.5	0.442	0.076	0.0077	
480 minute winter	FC14	Infiltration		0.0				0.0
480 minute winter	FC15	16.000	J14	0.5	0.980	0.031	0.0037	
480 minute winter	FC15	Infiltration		0.0				0.0
480 minute winter	FC16	17.000	J15	0.5	0.485	0.085	0.0084	
480 minute winter	FC16	Infiltration		0.0				0.0
480 minute winter	FC17	18.000	J16	0.5	0.768	0.044	0.0076	
480 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC18	464	186.854	0.304	0.6	0.3842	0.0000	SURCHARGED
480 minute winter	FC19	272	186.877	0.477	0.7	0.6238	0.0000	SURCHARGED
480 minute winter	FC20	272	187.419	0.469	0.7	0.6125	0.0000	SURCHARGED
480 minute winter	FC21	472	186.855	0.554	0.7	0.7247	0.0000	SURCHARGED
480 minute winter	FC22	464	186.849	0.399	0.6	3.8704	0.0000	SURCHARGED
480 minute winter	FC23	464	186.855	0.555	0.6	0.7004	0.0000	SURCHARGED
480 minute winter	FC24	472	186.855	0.555	0.7	0.7253	0.0000	SURCHARGED
480 minute winter	FC25	272	187.019	0.469	0.7	0.6123	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC18	19.000	J17	0.5	0.462	0.091	0.0548	
480 minute winter	FC18	Infiltration		0.0				0.0
480 minute winter	FC19	20.000	S3	0.7	0.492	0.126	0.0517	
480 minute winter	FC19	Infiltration		0.0				0.0
480 minute winter	FC20	21.000	J18	0.7	0.995	0.042	0.0179	
480 minute winter	FC20	Infiltration		0.0				0.0
480 minute winter	FC21	22.000	J19	0.7	0.490	0.114	0.0599	
480 minute winter	FC21	Infiltration		0.0				0.0
480 minute winter	FC22	23.000	S17	0.4	0.179	0.025	0.0373	
480 minute winter	FC22	Infiltration		0.0				0.0
480 minute winter	FC23	24.000	J20	0.5	0.784	0.040	0.0359	
480 minute winter	FC23	Infiltration		0.0				0.0
480 minute winter	FC24	25.000	J21	0.7	0.875	0.048	0.0363	
480 minute winter	FC24	Infiltration		0.0				0.0
480 minute winter	FC25	26.000	J22	0.7	0.977	0.043	0.0370	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC26	464	186.849	0.399	0.6	4.0184	0.0000	SURCHARGED
480 minute winter	FC27	464	186.854	0.354	0.6	0.4473	0.0000	SURCHARGED
480 minute winter	FC28	272	186.968	0.468	0.7	0.6122	0.0000	SURCHARGED
480 minute winter	FC29	272	186.969	0.469	0.7	0.6126	0.0000	SURCHARGED
480 minute winter	FC30	272	187.219	0.469	0.7	0.6134	0.0000	SURCHARGED
480 minute winter	FC31	256	186.747	0.297	0.6	0.3746	0.0000	SURCHARGED
480 minute winter	FC32	256	186.744	0.294	0.6	0.3717	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC25	Infiltration		0.0				0.0
480 minute winter	FC26	27.000	J23	0.4	0.714	0.028	0.0361	
480 minute winter	FC26	Infiltration		0.0				0.0
480 minute winter	FC27	28.000	J24	0.5	1.087	0.025	0.0352	
480 minute winter	FC27	Infiltration		0.0				0.0
480 minute winter	FC28	29.000	J25	0.7	0.982	0.043	0.0341	
480 minute winter	FC28	Infiltration		0.0				0.0
480 minute winter	FC29	30.000	J26	0.7	0.956	0.044	0.0369	
480 minute winter	FC29	Infiltration		0.0				0.0
480 minute winter	FC30	31.000	J27	0.7	0.927	0.047	0.0344	
480 minute winter	FC30	Infiltration		0.0				0.0
480 minute winter	FC31	33.000	J28	0.5	0.263	0.059	0.0096	
480 minute winter	FC31	Infiltration		0.0				0.0
480 minute winter	FC32	34.000	J29	0.5	0.234	0.042	0.0106	
480 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC33	272	186.919	0.469	0.7	0.6131	0.0000	SURCHARGED
480 minute winter	FC34	272	186.927	0.477	0.7	0.6233	0.0000	SURCHARGED
480 minute winter	FC35	272	186.919	0.469	0.7	0.6135	0.0000	SURCHARGED
480 minute winter	FC36	272	186.919	0.469	0.7	0.6129	0.0000	SURCHARGED
480 minute winter	FC37	280	186.448	0.648	1.0	1.3946	0.0000	SURCHARGED
480 minute winter	FC38	296	185.597	0.147	0.6	1.7691	0.0000	SURCHARGED
480 minute winter	FC39	256	185.744	0.294	0.6	0.3710	0.0000	SURCHARGED
480 minute winter	FC40	272	185.968	0.467	0.7	0.6110	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC33	35.000	S12	0.7	0.876	0.048	0.0052	
480 minute winter	FC33	Infiltration		0.0				0.0
480 minute winter	FC34	36.000	J30	0.7	0.507	0.110	0.0064	
480 minute winter	FC34	Infiltration		0.0				0.0
480 minute winter	FC35	37.000	J31	0.7	0.918	0.048	0.0038	
480 minute winter	FC35	Infiltration		0.0				0.0
480 minute winter	FC36	38.000	J32	0.7	0.962	0.045	0.0035	
480 minute winter	FC36	Infiltration		0.0				0.0
480 minute winter	FC37	39.000	J33	0.8	0.689	0.090	0.0076	
480 minute winter	FC37	Infiltration		0.0				0.0
480 minute winter	FC38	40.000	J34	0.4	0.701	0.030	0.0025	
480 minute winter	FC38	Infiltration		0.0				0.0
480 minute winter	FC39	41.000	J35	0.5	0.863	0.037	0.0028	
480 minute winter	FC39	Infiltration		0.0				0.0
480 minute winter	FC40	42.000	J36	0.7	1.131	0.036	0.0031	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC41	272	185.322	0.472	0.7	0.6166	0.0000	SURCHARGED
480 minute winter	FC42	272	185.074	0.473	0.7	0.6189	0.0000	SURCHARGED
480 minute winter	FC43	272	185.072	0.472	0.7	0.6168	0.0000	SURCHARGED
480 minute winter	FC44	248	184.617	0.017	0.6	0.0210	0.0000	OK
480 minute winter	FC45	256	184.894	0.294	0.6	0.3718	0.0000	SURCHARGED
480 minute winter	FC46	288	185.346	0.646	1.0	1.4137	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	272	185.269	0.469	0.7	0.6132	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC40	Infiltration		0.0				0.0
480 minute winter	FC41	43.000	J37	0.7	0.738	0.065	0.0046	
480 minute winter	FC41	Infiltration		0.0				0.0
480 minute winter	FC42	44.000	J38	0.7	0.643	0.079	0.0052	
480 minute winter	FC42	Infiltration		0.0				0.0
480 minute winter	FC43	45.000	J39	0.7	0.729	0.066	0.0040	
480 minute winter	FC43	Infiltration		0.0				0.0
480 minute winter	FC44	46.000	J40	0.6	0.718	0.056	0.0037	
480 minute winter	FC44	Infiltration		0.0				0.0
480 minute winter	FC45	47.000	S10	0.5	0.803	0.041	0.0031	
480 minute winter	FC45	Infiltration		0.0				0.0
480 minute winter	FC46	48.000	S20	0.8	0.504	0.134	0.0095	
480 minute winter	FC46	Infiltration		0.0				0.0
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
480 minute winter	FC48	50.000	J42	0.7	0.441	0.049	0.0080	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC49	272	185.278	0.477	0.7	0.6241	0.0000	SURCHARGED
480 minute winter	FC50	272	185.277	0.477	0.7	0.6240	0.0000	SURCHARGED
480 minute winter	FC51	272	185.327	0.477	0.7	0.6238	0.0000	SURCHARGED
480 minute winter	FC52	272	185.722	0.472	0.7	0.6170	0.0000	SURCHARGED
480 minute winter	FC53	272	185.723	0.473	0.7	0.6181	0.0000	SURCHARGED
480 minute winter	FC54	256	185.546	0.296	0.6	0.3735	0.0000	SURCHARGED
480 minute winter	FC55	256	185.544	0.294	0.6	0.3707	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC48	Infiltration		0.0				0.0
480 minute winter	FC49	51.000	S21	0.7	0.491	0.115	0.0060	
480 minute winter	FC49	Infiltration		0.0				0.0
480 minute winter	FC50	52.000	J43	0.7	0.492	0.115	0.0065	
480 minute winter	FC50	Infiltration		0.0				0.0
480 minute winter	FC51	55.000	S22	0.7	0.494	0.115	0.0085	
480 minute winter	FC51	Infiltration		0.0				0.0
480 minute winter	FC52	58.000	S23	0.7	0.718	0.068	0.0052	
480 minute winter	FC52	Infiltration		0.0				0.0
480 minute winter	FC53	61.000	J50	0.7	0.675	0.073	0.0043	
480 minute winter	FC53	Infiltration		0.0				0.0
480 minute winter	FC54	62.000	J51	0.5	0.700	0.050	0.0030	
480 minute winter	FC54	Infiltration		0.0				0.0
480 minute winter	FC55	64.000	J53	0.5	0.882	0.036	0.0025	
480 minute winter	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC56	256	185.643	0.293	0.6	0.3704	0.0000	SURCHARGED
480 minute winter	FC57	256	185.644	0.294	0.6	0.3710	0.0000	SURCHARGED
480 minute winter	FC58	256	185.644	0.294	0.6	0.3715	0.0000	SURCHARGED
480 minute winter	FC59	256	185.645	0.295	0.6	0.3723	0.0000	SURCHARGED
480 minute winter	FC60	272	185.821	0.471	0.7	0.6152	0.0000	SURCHARGED
480 minute winter	FC61	272	185.773	0.473	0.7	0.6186	0.0000	SURCHARGED
480 minute winter	FC62	288	185.894	0.644	1.0	1.4060	0.0000	SURCHARGED
480 minute winter	FC63	256	185.700	0.300	0.6	0.3791	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC56	53.000	J44	0.5	0.910	0.035	0.0039	
480 minute winter	FC56	Infiltration		0.0				0.0
480 minute winter	FC57	54.000	J45	0.5	0.854	0.038	0.0041	
480 minute winter	FC57	Infiltration		0.0				0.0
480 minute winter	FC58	56.000	J46	0.5	0.821	0.040	0.0040	
480 minute winter	FC58	Infiltration		0.0				0.0
480 minute winter	FC59	57.000	J47	0.5	0.761	0.045	0.0045	
480 minute winter	FC59	Infiltration		0.0				0.0
480 minute winter	FC60	59.000	J48	0.7	0.807	0.058	0.0056	
480 minute winter	FC60	Infiltration		0.0				0.0
480 minute winter	FC61	60.000	J49	0.7	0.648	0.079	0.0078	
480 minute winter	FC61	Infiltration		0.0				0.0
480 minute winter	FC62	63.000	J52	0.8	0.624	0.104	0.0120	
480 minute winter	FC62	Infiltration		0.0				0.0
480 minute winter	FC63	65.000	S26	0.5	0.339	0.091	0.0039	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC64	256	185.460	0.310	0.6	0.3917	0.0000	SURCHARGED
480 minute winter	FC65	272	185.622	0.472	0.7	0.6169	0.0000	SURCHARGED
480 minute winter	FC66	272	185.476	0.476	0.7	0.6221	0.0000	SURCHARGED
480 minute winter	FC67	296	184.962	0.162	0.6	1.6653	0.0000	SURCHARGED
480 minute winter	FC68	256	184.847	0.297	0.6	0.3756	0.0000	SURCHARGED
480 minute winter	J1	248	188.252	0.052	3.9	0.0784	0.0000	OK
480 minute winter	J2	248	188.129	0.073	4.5	0.0823	0.0000	OK
480 minute winter	J3	248	188.116	0.066	5.3	0.0744	0.0000	OK
480 minute winter	J4	248	188.086	0.047	5.8	0.0529	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	FC63	Infiltration		0.0				0.0
480 minute winter	FC64	66.000	J54	0.5	0.209	0.091	0.0069	
480 minute winter	FC64	Infiltration		0.0				0.0
480 minute winter	FC65	67.000	J55	0.7	0.317	0.070	0.0053	
480 minute winter	FC65	Infiltration		0.0				0.0
480 minute winter	FC66	68.000	S24	0.7	0.551	0.095	0.0026	
480 minute winter	FC66	Infiltration		0.0				0.0
480 minute winter	FC67	69.000	J56	0.4	0.409	0.065	0.0020	
480 minute winter	FC67	Infiltration		0.0				0.0
480 minute winter	FC68	70.000	J57	0.5	0.605	0.060	0.0020	
480 minute winter	FC68	Infiltration		0.0				0.0
480 minute winter	J1	1.001	J2	3.9	0.985	0.465	0.0197	
480 minute winter	J2	1.002	J3	4.5	0.567	0.336	0.0083	
480 minute winter	J3	1.003	J4	5.3	0.878	0.399	0.0118	
480 minute winter	J4	1.004	J5	5.8	1.333	0.171	0.0154	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J5	248	187.952	0.042	6.5	0.0478	0.0000	OK
480 minute winter	J6	248	187.711	0.061	7.0	0.0688	0.0000	OK
480 minute winter	J7	248	187.598	0.073	7.5	0.0826	0.0000	OK
480 minute winter	J8	248	187.567	0.046	8.2	0.0519	0.0000	OK
480 minute winter	J9	248	187.353	0.078	8.7	0.0879	0.0000	OK
480 minute winter	J10	248	187.316	0.046	9.5	0.0517	0.0000	OK
480 minute winter	J11	248	187.186	0.065	10.1	0.0737	0.0000	OK
480 minute winter	J12	248	186.889	0.080	14.9	0.0901	0.0000	OK
480 minute winter	J13	464	186.846	0.219	15.2	0.2475	0.0000	OK
480 minute winter	J14	464	186.846	0.224	15.8	0.2531	0.0000	OK
480 minute winter	J15	464	186.846	0.229	16.3	0.2587	0.0000	OK
480 minute winter	J16	464	186.845	0.240	16.8	0.2719	0.0000	OK
480 minute winter	J17	464	186.845	0.562	19.5	0.6357	0.0000	SURCHARGED
480 minute winter	J18	464	186.845	0.720	24.1	0.8140	0.0000	SURCHARGED
480 minute winter	J19	464	186.845	0.818	37.8	0.9247	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J5	1.005	J6	6.5	1.209	0.169	0.0306	
480 minute winter	J6	1.006	J7	7.0	1.175	0.246	0.0117	
480 minute winter	J7	1.007	J8	7.6	0.912	0.247	0.0096	
480 minute winter	J8	1.008	J9	8.2	0.926	0.092	0.0759	
480 minute winter	J9	1.009	J10	8.7	0.987	0.261	0.0108	
480 minute winter	J10	1.010	J11	9.5	1.252	0.074	0.0187	
480 minute winter	J11	1.011	S2	10.1	0.684	0.158	0.0804	
480 minute winter	J12	1.013	J13	14.8	1.270	0.222	0.1002	
480 minute winter	J13	1.014	J14	15.2	0.565	0.269	0.1057	
480 minute winter	J14	1.015	J15	15.8	0.663	0.280	0.1092	
480 minute winter	J15	1.016	J16	16.3	0.879	0.305	0.3028	
480 minute winter	J16	1.017	J17	16.8	1.222	0.118	0.2195	
480 minute winter	J17	1.018	S3	31.1	1.065	0.100	0.1328	
480 minute winter	J18	1.020	J19	37.2	0.919	0.130	0.1049	
480 minute winter	J19	1.021	S4	23.3	0.788	0.422	0.3096	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J20	464	186.845	0.814	2.9	0.9211	0.0000	SURCHARGED
480 minute winter	J21	464	186.845	0.836	3.5	0.9459	0.0000	SURCHARGED
480 minute winter	J22	464	186.845	0.882	4.1	0.9978	0.0000	SURCHARGED
480 minute winter	J23	464	186.845	0.903	4.3	1.0215	0.0000	SURCHARGED
480 minute winter	J24	464	186.845	1.028	6.4	1.1627	0.0000	FLOOD RISK
480 minute winter	J25	464	186.845	1.049	6.8	1.1864	0.0000	SURCHARGED
480 minute winter	J26	464	186.845	1.066	7.3	1.2055	0.0000	SURCHARGED
480 minute winter	J27	472	186.844	1.108	9.5	1.2536	0.0000	SURCHARGED
480 minute winter	J28	256	186.404	0.048	2.5	0.0538	0.0000	OK
480 minute winter	J29	256	186.326	0.055	3.1	0.0624	0.0000	OK
480 minute winter	J30	256	186.227	0.080	6.4	0.0907	0.0000	OK
480 minute winter	J31	256	186.123	0.079	7.1	0.0888	0.0000	OK
480 minute winter	J32	256	186.085	0.074	7.7	0.0841	0.0000	OK
480 minute winter	J33	256	185.583	0.048	10.5	0.0545	0.0000	OK
480 minute winter	J34	256	185.218	0.093	13.2	0.1054	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J20	23.002	J21	2.9	0.511	0.213	0.0665	
480 minute winter	J21	23.003	J22	3.5	0.532	0.261	0.1411	
480 minute winter	J22	23.004	J23	4.0	0.575	0.295	0.0633	
480 minute winter	J23	23.005	S18	4.2	0.650	0.313	0.1321	
480 minute winter	J24	23.007	J25	6.2	0.467	0.207	0.2458	
480 minute winter	J25	23.008	J26	6.7	0.461	0.223	0.1975	
480 minute winter	J26	23.009	S19	8.4	0.470	0.273	0.1474	
480 minute winter	J27	23.011	S4	19.1	0.673	0.640	0.0951	
480 minute winter	J28	32.001	J29	2.5	0.627	0.428	0.0357	
480 minute winter	J29	32.002	S12	3.1	0.729	0.518	0.0196	
480 minute winter	J30	32.004	J31	6.4	0.708	0.483	0.0450	
480 minute winter	J31	32.005	J32	7.1	0.596	0.235	0.1157	
480 minute winter	J32	32.006	S13	7.7	0.872	0.257	0.0474	
480 minute winter	J33	32.008	S14	10.5	1.026	0.101	0.0948	
480 minute winter	J34	32.010	J35	13.2	1.085	0.341	0.1102	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J35	256	185.137	0.062	13.7	0.0703	0.0000	OK
480 minute winter	J36	256	184.974	0.099	14.4	0.1123	0.0000	OK
480 minute winter	J37	256	184.602	0.101	17.3	0.1147	0.0000	OK
480 minute winter	J38	256	184.435	0.135	20.3	0.1531	0.0000	OK
480 minute winter	J39	256	184.398	0.124	21.0	0.1399	0.0000	OK
480 minute winter	J40	256	184.367	0.102	21.5	0.1159	0.0000	OK
480 minute winter	J41	288	184.622	0.025	0.8	0.0280	0.0000	OK
480 minute winter	J42	272	184.572	0.035	1.5	0.0399	0.0000	OK
480 minute winter	J43	256	184.449	0.069	4.2	0.0780	0.0000	OK
480 minute winter	J44	256	184.436	0.066	4.7	0.0741	0.0000	OK
480 minute winter	J45	256	184.392	0.072	5.3	0.0818	0.0000	OK
480 minute winter	J46	256	184.332	0.110	7.9	0.1246	0.0000	OK
480 minute winter	J47	256	184.327	0.119	8.4	0.1351	0.0000	OK
480 minute winter	J48	256	184.313	0.119	11.1	0.1345	0.0000	OK
480 minute winter	J49	256	184.301	0.132	11.8	0.1487	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J35	32.011	J36	13.7	1.071	0.154	0.0886	
480 minute winter	J36	32.012	S15	14.4	1.057	0.479	0.0324	
480 minute winter	J37	32.014	S16	17.3	1.139	0.314	0.0801	
480 minute winter	J38	32.016	J39	20.3	0.697	0.376	0.3150	
480 minute winter	J39	32.017	J40	21.0	0.863	0.383	0.0889	
480 minute winter	J40	32.018	S10	21.5	1.074	0.216	0.1913	
480 minute winter	J41	48.002	J42	0.8	0.434	0.134	0.0123	
480 minute winter	J42	48.003	S21	1.5	0.613	0.250	0.0197	
480 minute winter	J43	48.005	J44	4.2	0.547	0.300	0.0123	
480 minute winter	J44	48.006	J45	4.7	0.598	0.354	0.0693	
480 minute winter	J45	48.007	S22	5.3	0.672	0.387	0.0186	
480 minute winter	J46	48.009	J47	7.9	0.386	0.255	0.0858	
480 minute winter	J47	48.010	S23	8.4	0.384	0.278	0.0576	
480 minute winter	J48	48.012	J49	11.1	0.490	0.372	0.1689	
480 minute winter	J49	48.013	J50	11.8	0.501	0.384	0.0267	

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J50	256	184.291	0.126	12.4	0.1430	0.0000	OK
480 minute winter	J51	256	184.278	0.130	13.0	0.1466	0.0000	OK
480 minute winter	J52	256	184.265	0.121	13.8	0.1369	0.0000	OK
480 minute winter	J53	496	184.250	0.123	14.3	0.1396	0.0000	OK
480 minute winter	J54	248	185.182	0.053	2.8	0.0594	0.0000	OK
480 minute winter	J55	248	185.144	0.050	3.4	0.0560	0.0000	OK
480 minute winter	J56	496	184.250	0.243	20.3	0.2753	0.0000	OK
480 minute winter	J57	496	184.250	0.265	20.8	0.3002	0.0000	OK
480 minute winter	BASIN 1	464	186.844	1.919	32.0	284.2418	0.0000	FLOOD RISK
480 minute winter	BASIN 2	472	184.857	0.557	5.0	56.4653	0.0000	OK
480 minute winter	BASIN 3	720	183.652	0.552	27.5	422.4689	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	J50	48.014	J51	12.4	0.534	0.417	0.1183	
480 minute winter	J51	48.015	J52	13.0	0.572	0.424	0.0258	
480 minute winter	J52	48.016	J53	13.8	0.657	0.452	0.1021	
480 minute winter	J53	48.017	S24	14.3	0.777	0.474	0.2675	
480 minute winter	J54	65.002	J55	2.8	0.685	0.465	0.0146	
480 minute winter	J55	65.003	S24	3.4	0.912	0.447	0.0293	
480 minute winter	J56	48.019	J57	20.3	0.606	0.374	0.5777	
480 minute winter	J57	48.020	S25	20.8	0.649	0.381	0.4111	
480 minute winter	BASIN 1	1.023	S5	4.8	0.198	0.058	0.9418	
480 minute winter	BASIN 1	Infiltration		0.1				4.2
480 minute winter	BASIN 2	1.027	S7	4.8	0.619	0.058	0.1732	
480 minute winter	BASIN 2	71.000	BH1	1.2	0.558	0.201	0.1829	
480 minute winter	BASIN 2	Infiltration		0.0				0.0
480 minute winter	BASIN 3	1.034	BH2	3.6	0.626	0.029	1.8265	
480 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	BASIN 4	496	184.250	0.920	25.0	289.1049	0.0000	SURCHARGED
480 minute winter	SWALE 1	344	184.935	0.061	4.8	0.0876	0.0000	OK
480 minute winter	SWALE 2	472	184.435	0.060	4.8	0.0865	0.0000	OK
480 minute winter	SWALE 3	256	184.109	0.114	24.3	0.1629	0.0000	OK
480 minute winter	BH1	472	184.857	0.780	1.2	3.0630	0.0000	OK
480 minute winter	BH2	720	183.652	0.569	3.6	4.4339	0.0000	OK
480 minute winter	BH3	496	184.250	0.931	1.4	5.9515	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	BASIN 4	48.022	BH3	1.4	0.484	0.026	0.3211	
480 minute winter	BASIN 4	Infiltration		0.0				0.0
480 minute winter	SWALE 1	1.025	S6	4.8	0.415	0.058	0.4472	
480 minute winter	SWALE 2	1.029	S8	4.8	0.592	0.058	0.2137	
480 minute winter	SWALE 3	1.033	BASIN 3	24.3	0.880	0.194	1.1933	
480 minute winter	BH1	Infiltration		0.1				3.6
480 minute winter	BH2	Infiltration		0.2				4.8
480 minute winter	BH3	Infiltration		0.2				7.2

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.403	0.033	2.0	0.0491	0.0000	OK
600 minute summer	S2	315	187.166	0.127	16.9	0.2270	0.0000	OK
600 minute summer	S3	600	186.885	0.748	23.3	1.0093	0.0000	SURCHARGED
600 minute summer	S4	600	186.885	1.507	45.8	1.9546	0.0000	SURCHARGED
600 minute summer	S5	600	186.884	1.974	4.9	2.8254	0.0000	FLOOD RISK
600 minute summer	S6	600	184.871	0.063	4.9	0.0908	0.0000	OK
600 minute summer	S7	435	184.792	0.033	4.9	0.0472	0.0000	OK
600 minute summer	S8	450	184.365	0.035	4.9	0.0505	0.0000	OK
600 minute summer	S9	315	184.205	0.080	4.9	0.1145	0.0000	OK
600 minute summer	S10	315	184.205	0.092	29.7	0.1711	0.0000	OK
600 minute summer	S11	315	186.451	0.051	2.6	0.0821	0.0000	OK
600 minute summer	S12	315	186.267	0.091	7.2	0.1372	0.0000	OK
600 minute summer	S13	315	186.049	0.056	12.1	0.0851	0.0000	OK
600 minute summer	S14	315	185.276	0.101	15.8	0.1639	0.0000	OK
600 minute summer	S15	315	184.945	0.078	20.4	0.1259	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S1	1.000	J1	2.0	0.573	0.229	0.0291	
600 minute summer	S2	1.012	J12	16.9	0.809	0.565	0.0312	
600 minute summer	S3	1.019	J18	24.9	1.024	0.468	0.3613	
600 minute summer	S4	1.022	BASIN 1	36.6	1.025	0.219	1.1778	
600 minute summer	S5	1.024	SWALE 1	4.9	0.411	0.058	0.2398	
600 minute summer	S6	1.026	BASIN 2	4.9	0.489	0.056	0.0678	
600 minute summer	S7	1.028	SWALE 2	4.9	0.616	0.016	0.1357	
600 minute summer	S8	1.030	S9	4.9	0.647	0.019	0.1031	
600 minute summer	S9	1.031	S10	4.9	0.680	0.058	0.1273	
600 minute summer	S10	1.032	SWALE 3	29.7	1.113	0.090	0.1170	
600 minute summer	S11	32.000	J28	2.6	0.623	0.437	0.0191	
600 minute summer	S12	32.003	J30	7.2	0.642	0.539	0.0569	
600 minute summer	S13	32.007	J33	12.0	1.633	0.123	0.0960	
600 minute summer	S14	32.009	J34	15.7	0.895	0.310	0.0922	
600 minute summer	S15	32.013	J37	20.4	1.771	0.221	0.1074	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.556	0.069	24.0	0.1085	0.0000	OK
600 minute summer	S17	600	186.886	0.736	3.1	1.2046	0.0000	FLOOD RISK
600 minute summer	S18	600	186.885	1.061	6.9	1.6057	0.0000	FLOOD RISK
600 minute summer	S19	600	186.885	1.119	10.1	1.6474	0.0000	SURCHARGED
600 minute summer	S20	345	184.668	0.026	0.8	0.0294	0.0000	OK
600 minute summer	S21	315	184.473	0.064	4.0	0.0859	0.0000	OK
600 minute summer	S22	315	184.351	0.120	8.4	0.1571	0.0000	OK
600 minute summer	S23	315	184.335	0.137	12.1	0.1781	0.0000	OK
600 minute summer	S24	630	184.323	0.306	23.3	0.4085	0.0000	SURCHARGED
600 minute summer	S25	630	184.323	0.353	26.3	0.4973	0.0000	SURCHARGED
600 minute summer	S26	315	185.412	0.035	2.7	0.0529	0.0000	OK
600 minute summer	FC1	330	188.856	0.606	0.9	0.7918	0.0000	SURCHARGED
600 minute summer	FC2	330	188.757	0.607	0.9	0.7933	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	S16	32.015	J38	24.0	1.018	0.076	0.0555	
600 minute summer	S17	23.001	J20	3.0	0.734	0.510	0.0560	
600 minute summer	S18	23.006	J24	6.3	0.451	0.196	0.0729	
600 minute summer	S19	23.010	J27	12.3	0.573	0.411	0.3541	
600 minute summer	S20	48.001	J41	0.8	0.517	0.136	0.0073	
600 minute summer	S21	48.004	J43	4.0	0.504	0.301	0.0406	
600 minute summer	S22	48.008	J46	8.4	0.394	0.269	0.0532	
600 minute summer	S23	48.011	J48	12.1	0.490	0.393	0.0278	
600 minute summer	S24	48.018	J56	23.3	0.599	0.435	0.2989	
600 minute summer	S25	48.021	BASIN 4	26.3	0.850	0.494	0.2710	
600 minute summer	S26	65.001	J54	2.7	0.754	0.262	0.0310	
600 minute summer	FC1	2.000	J1	0.8	0.305	0.125	0.0150	
600 minute summer	FC1	Infiltration		0.0				0.0
600 minute summer	FC2	3.000	J2	0.8	0.502	0.130	0.0081	
600 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC3	345	188.862	0.661	1.3	1.9204	0.0000	SURCHARGED
600 minute summer	FC4	330	188.611	0.411	0.7	0.5190	0.0000	SURCHARGED
600 minute summer	FC5	330	188.607	0.607	0.9	0.7936	0.0000	SURCHARGED
600 minute summer	FC6	330	188.260	0.410	0.7	0.5173	0.0000	SURCHARGED
600 minute summer	FC7	330	188.161	0.411	0.7	0.5196	0.0000	SURCHARGED
600 minute summer	FC8	330	188.352	0.602	0.9	0.7871	0.0000	SURCHARGED
600 minute summer	FC9	330	187.883	0.413	0.7	0.5218	0.0000	SURCHARGED
600 minute summer	FC10	345	188.140	0.670	1.3	1.9083	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC3	4.000	J3	0.8	0.542	0.129	0.0140	
600 minute summer	FC3	Infiltration		0.0				0.0
600 minute summer	FC4	5.000	J4	0.6	0.571	0.085	0.0081	
600 minute summer	FC4	Infiltration		0.0				0.0
600 minute summer	FC5	6.000	J5	0.8	0.508	0.130	0.0063	
600 minute summer	FC5	Infiltration		0.0				0.0
600 minute summer	FC6	7.000	J6	0.6	0.636	0.073	0.0073	
600 minute summer	FC6	Infiltration		0.0				0.0
600 minute summer	FC7	8.000	J7	0.6	0.552	0.089	0.0083	
600 minute summer	FC7	Infiltration		0.0				0.0
600 minute summer	FC8	9.000	J8	0.8	0.714	0.081	0.0045	
600 minute summer	FC8	Infiltration		0.0				0.0
600 minute summer	FC9	10.000	J9	0.6	0.487	0.106	0.0094	
600 minute summer	FC9	Infiltration		0.0				0.0
600 minute summer	FC10	11.000	J10	0.8	0.563	0.122	0.0090	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC11	330	187.927	0.607	0.9	0.7932	0.0000	SURCHARGED
600 minute summer	FC12	330	187.837	0.607	0.9	0.7933	0.0000	SURCHARGED
600 minute summer	FC13	330	187.607	0.607	0.9	0.7932	0.0000	SURCHARGED
600 minute summer	FC14	360	187.129	0.229	0.9	2.9276	0.0000	SURCHARGED
600 minute summer	FC15	330	187.605	0.405	0.7	0.5111	0.0000	SURCHARGED
600 minute summer	FC16	330	187.313	0.413	0.7	0.5210	0.0000	SURCHARGED
600 minute summer	FC17	330	187.407	0.407	0.7	0.5140	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC10	Infiltration		0.0				0.0
600 minute summer	FC11	12.000	J11	0.8	0.513	0.131	0.0117	
600 minute summer	FC11	Infiltration		0.0				0.0
600 minute summer	FC12	13.000	S2	0.8	0.512	0.131	0.0104	
600 minute summer	FC12	Infiltration		0.0				0.0
600 minute summer	FC13	14.000	J12	0.8	0.514	0.130	0.0103	
600 minute summer	FC13	Infiltration		0.0				0.0
600 minute summer	FC14	15.000	J13	0.5	0.445	0.078	0.0200	
600 minute summer	FC14	Infiltration		0.0				0.0
600 minute summer	FC15	16.000	J14	0.6	1.030	0.036	0.0126	
600 minute summer	FC15	Infiltration		0.0				0.0
600 minute summer	FC16	17.000	J15	0.6	0.509	0.100	0.0229	
600 minute summer	FC16	Infiltration		0.0				0.0
600 minute summer	FC17	18.000	J16	0.6	0.806	0.052	0.0168	
600 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC18	330	186.963	0.413	0.7	0.5219	0.0000	SURCHARGED
600 minute summer	FC19	330	187.007	0.607	0.9	0.7938	0.0000	SURCHARGED
600 minute summer	FC20	330	187.548	0.598	0.9	0.7817	0.0000	SURCHARGED
600 minute summer	FC21	330	186.920	0.620	0.9	0.8136	0.0000	SURCHARGED
600 minute summer	FC22	600	186.895	0.445	0.7	4.3088	0.0000	SURCHARGED
600 minute summer	FC23	600	186.895	0.595	0.7	0.7520	0.0000	SURCHARGED
600 minute summer	FC24	345	186.920	0.620	0.9	0.8165	0.0000	SURCHARGED
600 minute summer	FC25	330	187.148	0.598	0.9	0.7816	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC18	19.000	J17	0.8	0.485	0.129	0.0548	
600 minute summer	FC18	Infiltration		0.0				0.0
600 minute summer	FC19	20.000	S3	0.8	0.508	0.136	0.0517	
600 minute summer	FC19	Infiltration		0.0				0.0
600 minute summer	FC20	21.000	J18	0.8	1.032	0.048	0.0180	
600 minute summer	FC20	Infiltration		0.0				0.0
600 minute summer	FC21	22.000	J19	0.7	0.492	0.123	0.0599	
600 minute summer	FC21	Infiltration		0.0				0.0
600 minute summer	FC22	23.000	S17	0.4	0.189	0.025	0.0373	
600 minute summer	FC22	Infiltration		0.0				0.0
600 minute summer	FC23	24.000	J20	0.6	0.774	0.047	0.0359	
600 minute summer	FC23	Infiltration		0.0				0.0
600 minute summer	FC24	25.000	J21	0.8	0.852	0.055	0.0363	
600 minute summer	FC24	Infiltration		0.0				0.0
600 minute summer	FC25	26.000	J22	0.8	0.982	0.049	0.0370	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC26	600	186.894	0.444	0.7	4.4762	0.0000	SURCHARGED
600 minute summer	FC27	330	186.903	0.403	0.7	0.5096	0.0000	SURCHARGED
600 minute summer	FC28	330	187.098	0.598	0.9	0.7815	0.0000	SURCHARGED
600 minute summer	FC29	330	187.098	0.598	0.9	0.7818	0.0000	SURCHARGED
600 minute summer	FC30	330	187.349	0.599	0.9	0.7826	0.0000	SURCHARGED
600 minute summer	FC31	330	186.859	0.409	0.7	0.5164	0.0000	SURCHARGED
600 minute summer	FC32	330	186.856	0.406	0.7	0.5133	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC25	Infiltration		0.0				0.0
600 minute summer	FC26	27.000	J23	0.4	0.707	0.031	0.0361	
600 minute summer	FC26	Infiltration		0.0				0.0
600 minute summer	FC27	28.000	J24	0.6	1.085	0.029	0.0352	
600 minute summer	FC27	Infiltration		0.0				0.0
600 minute summer	FC28	29.000	J25	0.8	0.988	0.048	0.0341	
600 minute summer	FC28	Infiltration		0.0				0.0
600 minute summer	FC29	30.000	J26	0.8	0.961	0.050	0.0369	
600 minute summer	FC29	Infiltration		0.0				0.0
600 minute summer	FC30	31.000	J27	0.9	0.961	0.061	0.0345	
600 minute summer	FC30	Infiltration		0.0				0.0
600 minute summer	FC31	33.000	J28	0.6	0.285	0.070	0.0114	
600 minute summer	FC31	Infiltration		0.0				0.0
600 minute summer	FC32	34.000	J29	0.6	0.251	0.050	0.0125	
600 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC33	330	187.049	0.599	0.9	0.7824	0.0000	SURCHARGED
600 minute summer	FC34	330	187.057	0.607	0.9	0.7929	0.0000	SURCHARGED
600 minute summer	FC35	330	187.049	0.599	0.9	0.7827	0.0000	SURCHARGED
600 minute summer	FC36	330	187.048	0.598	0.9	0.7821	0.0000	SURCHARGED
600 minute summer	FC37	345	186.475	0.675	1.3	1.8911	0.0000	SURCHARGED
600 minute summer	FC38	360	185.616	0.166	0.7	1.9907	0.0000	SURCHARGED
600 minute summer	FC39	330	185.856	0.406	0.7	0.5125	0.0000	SURCHARGED
600 minute summer	FC40	330	186.073	0.573	0.9	0.7965	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC33	35.000	S12	0.8	0.891	0.054	0.0078	
600 minute summer	FC33	Infiltration		0.0				0.0
600 minute summer	FC34	36.000	J30	0.8	0.525	0.125	0.0070	
600 minute summer	FC34	Infiltration		0.0				0.0
600 minute summer	FC35	37.000	J31	0.8	0.951	0.054	0.0042	
600 minute summer	FC35	Infiltration		0.0				0.0
600 minute summer	FC36	38.000	J32	0.8	0.998	0.051	0.0039	
600 minute summer	FC36	Infiltration		0.0				0.0
600 minute summer	FC37	39.000	J33	0.8	0.693	0.092	0.0077	
600 minute summer	FC37	Infiltration		0.0				0.0
600 minute summer	FC38	40.000	J34	0.4	0.714	0.032	0.0026	
600 minute summer	FC38	Infiltration		0.0				0.0
600 minute summer	FC39	41.000	J35	0.6	0.905	0.044	0.0031	
600 minute summer	FC39	Infiltration		0.0				0.0
600 minute summer	FC40	42.000	J36	0.8	1.165	0.039	0.0033	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC41	330	185.451	0.601	0.9	0.7859	0.0000	SURCHARGED
600 minute summer	FC42	330	185.203	0.603	0.9	0.7883	0.0000	SURCHARGED
600 minute summer	FC43	330	185.202	0.602	0.9	0.7862	0.0000	SURCHARGED
600 minute summer	FC44	315	184.618	0.018	0.7	0.0227	0.0000	OK
600 minute summer	FC45	330	185.007	0.407	0.7	0.5134	0.0000	SURCHARGED
600 minute summer	FC46	345	185.370	0.670	1.3	1.9123	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	185.399	0.599	0.9	0.7825	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC40	Infiltration		0.0				0.0
600 minute summer	FC41	43.000	J37	0.8	0.765	0.074	0.0051	
600 minute summer	FC41	Infiltration		0.0				0.0
600 minute summer	FC42	44.000	J38	0.8	0.666	0.089	0.0057	
600 minute summer	FC42	Infiltration		0.0				0.0
600 minute summer	FC43	45.000	J39	0.8	0.756	0.074	0.0044	
600 minute summer	FC43	Infiltration		0.0				0.0
600 minute summer	FC44	46.000	J40	0.7	0.750	0.066	0.0041	
600 minute summer	FC44	Infiltration		0.0				0.0
600 minute summer	FC45	47.000	S10	0.6	0.843	0.048	0.0035	
600 minute summer	FC45	Infiltration		0.0				0.0
600 minute summer	FC46	48.000	S20	0.8	0.507	0.137	0.0096	
600 minute summer	FC46	Infiltration		0.0				0.0
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
600 minute summer	FC48	50.000	J42	0.8	0.470	0.055	0.0085	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC49	330	185.407	0.607	0.9	0.7936	0.0000	SURCHARGED
600 minute summer	FC50	330	185.407	0.607	0.9	0.7936	0.0000	SURCHARGED
600 minute summer	FC51	330	185.457	0.607	0.9	0.7933	0.0000	SURCHARGED
600 minute summer	FC52	330	185.852	0.602	0.9	0.7863	0.0000	SURCHARGED
600 minute summer	FC53	330	185.853	0.603	0.9	0.7875	0.0000	SURCHARGED
600 minute summer	FC54	330	185.658	0.408	0.7	0.5153	0.0000	SURCHARGED
600 minute summer	FC55	330	185.656	0.406	0.7	0.5123	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC48	Infiltration		0.0				0.0
600 minute summer	FC49	51.000	S21	0.8	0.508	0.130	0.0066	
600 minute summer	FC49	Infiltration		0.0				0.0
600 minute summer	FC50	52.000	J43	0.8	0.509	0.130	0.0071	
600 minute summer	FC50	Infiltration		0.0				0.0
600 minute summer	FC51	55.000	S22	0.8	0.512	0.130	0.0093	
600 minute summer	FC51	Infiltration		0.0				0.0
600 minute summer	FC52	58.000	S23	0.8	0.744	0.077	0.0057	
600 minute summer	FC52	Infiltration		0.0				0.0
600 minute summer	FC53	61.000	J50	0.8	0.699	0.083	0.0047	
600 minute summer	FC53	Infiltration		0.0				0.0
600 minute summer	FC54	62.000	J51	0.6	0.733	0.059	0.0034	
600 minute summer	FC54	Infiltration		0.0				0.0
600 minute summer	FC55	64.000	J53	0.6	0.925	0.042	0.0028	
600 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC56	330	185.755	0.405	0.7	0.5119	0.0000	SURCHARGED
600 minute summer	FC57	330	185.756	0.406	0.7	0.5126	0.0000	SURCHARGED
600 minute summer	FC58	330	185.756	0.406	0.7	0.5131	0.0000	SURCHARGED
600 minute summer	FC59	330	185.757	0.407	0.7	0.5140	0.0000	SURCHARGED
600 minute summer	FC60	330	185.950	0.600	0.9	0.7845	0.0000	SURCHARGED
600 minute summer	FC61	330	185.903	0.603	0.9	0.7880	0.0000	SURCHARGED
600 minute summer	FC62	345	185.916	0.666	1.3	1.9072	0.0000	SURCHARGED
600 minute summer	FC63	330	185.813	0.413	0.7	0.5217	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC56	53.000	J44	0.6	0.955	0.041	0.0044	
600 minute summer	FC56	Infiltration		0.0				0.0
600 minute summer	FC57	54.000	J45	0.6	0.896	0.045	0.0046	
600 minute summer	FC57	Infiltration		0.0				0.0
600 minute summer	FC58	56.000	J46	0.6	0.862	0.047	0.0046	
600 minute summer	FC58	Infiltration		0.0				0.0
600 minute summer	FC59	57.000	J47	0.6	0.799	0.053	0.0051	
600 minute summer	FC59	Infiltration		0.0				0.0
600 minute summer	FC60	59.000	J48	0.8	0.837	0.065	0.0061	
600 minute summer	FC60	Infiltration		0.0				0.0
600 minute summer	FC61	60.000	J49	0.8	0.671	0.089	0.0085	
600 minute summer	FC61	Infiltration		0.0				0.0
600 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0121	
600 minute summer	FC62	Infiltration		0.0				0.0
600 minute summer	FC63	65.000	S26	0.6	0.363	0.107	0.0045	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC64	330	185.576	0.426	0.7	0.5386	0.0000	SURCHARGED
600 minute summer	FC65	330	185.752	0.602	0.9	0.7862	0.0000	SURCHARGED
600 minute summer	FC66	330	185.606	0.606	0.9	0.7916	0.0000	SURCHARGED
600 minute summer	FC67	345	184.983	0.183	0.7	1.8859	0.0000	SURCHARGED
600 minute summer	FC68	330	184.960	0.410	0.7	0.5177	0.0000	SURCHARGED
600 minute summer	J1	315	188.260	0.060	4.8	0.0899	0.0000	OK
600 minute summer	J2	315	188.137	0.081	5.5	0.0917	0.0000	OK
600 minute summer	J3	315	188.122	0.072	6.3	0.0819	0.0000	OK
600 minute summer	J4	315	188.091	0.052	6.9	0.0583	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	FC63	Infiltration		0.0				0.0
600 minute summer	FC64	66.000	J54	0.6	0.227	0.108	0.0084	
600 minute summer	FC64	Infiltration		0.0				0.0
600 minute summer	FC65	67.000	J55	0.8	0.322	0.080	0.0060	
600 minute summer	FC65	Infiltration		0.0				0.0
600 minute summer	FC66	68.000	S24	0.8	0.570	0.107	0.0029	
600 minute summer	FC66	Infiltration		0.0				0.0
600 minute summer	FC67	69.000	J56	0.4	0.417	0.070	0.0021	
600 minute summer	FC67	Infiltration		0.0				0.0
600 minute summer	FC68	70.000	J57	0.6	0.634	0.070	0.0023	
600 minute summer	FC68	Infiltration		0.0				0.0
600 minute summer	J1	1.001	J2	4.8	1.032	0.573	0.0231	
600 minute summer	J2	1.002	J3	5.5	0.608	0.410	0.0094	
600 minute summer	J3	1.003	J4	6.3	0.918	0.475	0.0134	
600 minute summer	J4	1.004	J5	6.9	1.385	0.203	0.0177	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J5	315	187.957	0.047	7.7	0.0526	0.0000	OK
600 minute summer	J6	315	187.718	0.067	8.3	0.0763	0.0000	OK
600 minute summer	J7	315	187.605	0.080	8.9	0.0901	0.0000	OK
600 minute summer	J8	315	187.571	0.050	9.9	0.0564	0.0000	OK
600 minute summer	J9	315	187.360	0.085	10.3	0.0960	0.0000	OK
600 minute summer	J10	315	187.320	0.050	11.1	0.0567	0.0000	OK
600 minute summer	J11	315	187.193	0.072	11.8	0.0813	0.0000	OK
600 minute summer	J12	315	186.897	0.088	17.6	0.0995	0.0000	OK
600 minute summer	J13	600	186.885	0.258	18.0	0.2923	0.0000	OK
600 minute summer	J14	600	186.885	0.263	18.7	0.2979	0.0000	OK
600 minute summer	J15	600	186.885	0.268	19.3	0.3035	0.0000	OK
600 minute summer	J16	600	186.885	0.280	19.9	0.3170	0.0000	OK
600 minute summer	J17	600	186.885	0.602	20.5	0.6812	0.0000	SURCHARGED
600 minute summer	J18	600	186.885	0.760	25.7	0.8597	0.0000	SURCHARGED
600 minute summer	J19	600	186.885	0.858	27.9	0.9705	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J5	1.005	J6	7.7	1.252	0.201	0.0350	
600 minute summer	J6	1.006	J7	8.3	1.222	0.292	0.0134	
600 minute summer	J7	1.007	J8	9.1	0.968	0.297	0.0108	
600 minute summer	J8	1.008	J9	9.7	0.969	0.109	0.0855	
600 minute summer	J9	1.009	J10	10.3	1.029	0.308	0.0122	
600 minute summer	J10	1.010	J11	11.1	1.276	0.086	0.0214	
600 minute summer	J11	1.011	S2	11.8	0.703	0.184	0.0911	
600 minute summer	J12	1.013	J13	17.6	1.325	0.263	0.1504	
600 minute summer	J13	1.014	J14	18.0	0.592	0.318	0.1233	
600 minute summer	J14	1.015	J15	18.7	0.695	0.331	0.1265	
600 minute summer	J15	1.016	J16	19.3	0.918	0.361	0.3459	
600 minute summer	J16	1.017	J17	19.9	1.274	0.140	0.2333	
600 minute summer	J17	1.018	S3	20.6	1.064	0.066	0.1328	
600 minute summer	J18	1.020	J19	27.3	0.939	0.095	0.1049	
600 minute summer	J19	1.021	S4	26.3	0.817	0.477	0.3096	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J20	600	186.886	0.855	3.6	0.9666	0.0000	SURCHARGED
600 minute summer	J21	600	186.886	0.877	3.9	0.9914	0.0000	SURCHARGED
600 minute summer	J22	600	186.886	0.923	4.4	1.0434	0.0000	SURCHARGED
600 minute summer	J23	600	186.885	0.943	4.5	1.0670	0.0000	SURCHARGED
600 minute summer	J24	600	186.885	1.068	6.8	1.2082	0.0000	FLOOD RISK
600 minute summer	J25	600	186.885	1.089	7.5	1.2319	0.0000	SURCHARGED
600 minute summer	J26	600	186.885	1.106	8.7	1.2511	0.0000	SURCHARGED
600 minute summer	J27	600	186.885	1.149	13.1	1.2996	0.0000	SURCHARGED
600 minute summer	J28	315	186.411	0.055	3.2	0.0624	0.0000	OK
600 minute summer	J29	315	186.335	0.064	3.8	0.0722	0.0000	OK
600 minute summer	J30	315	186.239	0.092	7.9	0.1037	0.0000	OK
600 minute summer	J31	315	186.132	0.088	8.7	0.0995	0.0000	OK
600 minute summer	J32	315	186.093	0.082	9.5	0.0931	0.0000	OK
600 minute summer	J33	315	185.588	0.053	12.9	0.0602	0.0000	OK
600 minute summer	J34	315	185.229	0.104	16.1	0.1175	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J20	23.002	J21	3.2	0.513	0.240	0.0665	
600 minute summer	J21	23.003	J22	3.6	0.540	0.271	0.1411	
600 minute summer	J22	23.004	J23	4.1	0.580	0.302	0.0633	
600 minute summer	J23	23.005	S18	4.3	0.653	0.319	0.1321	
600 minute summer	J24	23.007	J25	6.7	0.464	0.224	0.2458	
600 minute summer	J25	23.008	J26	8.0	0.457	0.264	0.1975	
600 minute summer	J26	23.009	S19	7.6	0.465	0.249	0.1474	
600 minute summer	J27	23.011	S4	18.0	0.663	0.601	0.0951	
600 minute summer	J28	32.001	J29	3.2	0.664	0.544	0.0428	
600 minute summer	J29	32.002	S12	3.8	0.766	0.647	0.0233	
600 minute summer	J30	32.004	J31	7.9	0.752	0.599	0.0526	
600 minute summer	J31	32.005	J32	8.7	0.633	0.290	0.1340	
600 minute summer	J32	32.006	S13	9.5	0.919	0.314	0.0549	
600 minute summer	J33	32.008	S14	12.9	1.068	0.124	0.1110	
600 minute summer	J34	32.010	J35	16.1	1.137	0.417	0.1284	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J35	315	185.145	0.070	16.7	0.0794	0.0000	OK
600 minute summer	J36	315	184.985	0.110	17.5	0.1249	0.0000	OK
600 minute summer	J37	315	184.612	0.112	21.1	0.1271	0.0000	OK
600 minute summer	J38	315	184.452	0.152	24.8	0.1718	0.0000	OK
600 minute summer	J39	315	184.412	0.138	25.5	0.1565	0.0000	OK
600 minute summer	J40	315	184.380	0.115	26.2	0.1296	0.0000	OK
600 minute summer	J41	345	184.622	0.025	0.8	0.0282	0.0000	OK
600 minute summer	J42	330	184.574	0.037	1.6	0.0414	0.0000	OK
600 minute summer	J43	315	184.455	0.075	4.8	0.0847	0.0000	OK
600 minute summer	J44	315	184.441	0.071	5.4	0.0803	0.0000	OK
600 minute summer	J45	315	184.398	0.078	6.0	0.0886	0.0000	OK
600 minute summer	J46	315	184.346	0.124	9.1	0.1398	0.0000	OK
600 minute summer	J47	315	184.340	0.133	9.7	0.1503	0.0000	OK
600 minute summer	J48	315	184.326	0.132	12.9	0.1495	0.0000	OK
600 minute summer	J49	630	184.323	0.154	13.6	0.1744	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J35	32.011	J36	16.7	1.124	0.188	0.1027	
600 minute summer	J36	32.012	S15	17.5	1.110	0.582	0.0374	
600 minute summer	J37	32.014	S16	21.1	1.173	0.382	0.0943	
600 minute summer	J38	32.016	J39	24.8	0.733	0.458	0.3653	
600 minute summer	J39	32.017	J40	25.5	0.904	0.466	0.1032	
600 minute summer	J40	32.018	S10	26.2	1.131	0.263	0.2219	
600 minute summer	J41	48.002	J42	0.8	0.444	0.137	0.0128	
600 minute summer	J42	48.003	S21	1.6	0.624	0.268	0.0207	
600 minute summer	J43	48.005	J44	4.8	0.560	0.341	0.0136	
600 minute summer	J44	48.006	J45	5.4	0.614	0.403	0.0768	
600 minute summer	J45	48.007	S22	6.0	0.694	0.442	0.0205	
600 minute summer	J46	48.009	J47	9.1	0.388	0.294	0.0985	
600 minute summer	J47	48.010	S23	9.7	0.389	0.320	0.0655	
600 minute summer	J48	48.012	J49	12.9	0.503	0.430	0.1958	
600 minute summer	J49	48.013	J50	13.6	0.517	0.444	0.0334	

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J50	630	184.323	0.158	14.4	0.1790	0.0000	OK
600 minute summer	J51	630	184.323	0.175	15.0	0.1982	0.0000	OK
600 minute summer	J52	630	184.323	0.179	15.8	0.2027	0.0000	OK
600 minute summer	J53	630	184.323	0.196	16.4	0.2219	0.0000	OK
600 minute summer	J54	315	185.188	0.059	3.3	0.0671	0.0000	OK
600 minute summer	J55	315	185.150	0.056	4.1	0.0628	0.0000	OK
600 minute summer	J56	630	184.323	0.316	23.7	0.3576	0.0000	SURCHARGED
600 minute summer	J57	630	184.323	0.338	24.3	0.3825	0.0000	SURCHARGED
600 minute summer	BASIN 1	600	186.885	1.960	37.9	292.3752	0.0000	FLOOD RISK
600 minute summer	BASIN 2	435	184.857	0.557	5.0	56.5100	0.0000	OK
600 minute summer	BASIN 3	840	183.772	0.672	33.8	476.6058	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	J50	48.014	J51	14.3	0.553	0.480	0.1598	
600 minute summer	J51	48.015	J52	15.0	0.595	0.488	0.0381	
600 minute summer	J52	48.016	J53	15.7	0.680	0.516	0.1722	
600 minute summer	J53	48.017	S24	16.4	0.808	0.542	0.3924	
600 minute summer	J54	65.002	J55	3.3	0.716	0.563	0.0169	
600 minute summer	J55	65.003	S24	4.1	0.951	0.537	0.0338	
600 minute summer	J56	48.019	J57	23.6	0.628	0.436	0.6398	
600 minute summer	J57	48.020	S25	24.2	0.675	0.444	0.4307	
600 minute summer	BASIN 1	1.023	S5	4.9	0.069	0.058	0.9418	
600 minute summer	BASIN 1	Infiltration		0.1				4.9
600 minute summer	BASIN 2	1.027	S7	4.9	0.622	0.059	0.1748	
600 minute summer	BASIN 2	71.000	BH1	1.0	0.533	0.169	0.1829	
600 minute summer	BASIN 2	Infiltration		0.0				0.0
600 minute summer	BASIN 3	1.034	BH2	2.7	0.665	0.022	1.8265	
600 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	BASIN 4	630	184.323	0.993	29.5	314.7710	0.0000	SURCHARGED
600 minute summer	SWALE 1	585	184.935	0.061	4.9	0.0873	0.0000	OK
600 minute summer	SWALE 2	435	184.436	0.061	4.9	0.0870	0.0000	OK
600 minute summer	SWALE 3	315	184.122	0.127	29.7	0.1813	0.0000	OK
600 minute summer	BH1	435	184.857	0.780	1.0	3.0641	0.0000	OK
600 minute summer	BH2	840	183.772	0.689	2.7	5.0271	0.0000	OK
600 minute summer	BH3	630	184.323	1.004	1.3	6.2910	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	BASIN 4	48.022	BH3	1.3	0.443	0.023	0.3211	
600 minute summer	BASIN 4	Infiltration		0.0				0.0
600 minute summer	SWALE 1	1.025	S6	4.9	0.413	0.059	0.4506	
600 minute summer	SWALE 2	1.029	S8	4.9	0.594	0.059	0.2156	
600 minute summer	SWALE 3	1.033	BASIN 3	29.7	0.929	0.237	1.3809	
600 minute summer	BH1	Infiltration		0.1				4.3
600 minute summer	BH2	Infiltration		0.2				5.5
600 minute summer	BH3	Infiltration		0.2				8.5

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	300	188.396	0.026	1.3	0.0393	0.0000	OK
600 minute winter	S2	315	187.146	0.107	12.5	0.1922	0.0000	OK
600 minute winter	S3	570	186.886	0.749	39.7	1.0099	0.0000	SURCHARGED
600 minute winter	S4	585	186.885	1.507	29.6	1.9551	0.0000	SURCHARGED
600 minute winter	S5	585	186.885	1.975	4.9	2.8262	0.0000	FLOOD RISK
600 minute winter	S6	585	184.871	0.063	4.9	0.0908	0.0000	OK
600 minute winter	S7	450	184.792	0.033	4.9	0.0473	0.0000	OK
600 minute winter	S8	450	184.365	0.035	4.9	0.0506	0.0000	OK
600 minute winter	S9	405	184.189	0.064	4.9	0.0913	0.0000	OK
600 minute winter	S10	315	184.188	0.075	21.3	0.1386	0.0000	OK
600 minute winter	S11	330	186.439	0.039	1.7	0.0635	0.0000	OK
600 minute winter	S12	330	186.247	0.071	5.0	0.1078	0.0000	OK
600 minute winter	S13	330	186.039	0.046	8.4	0.0706	0.0000	OK
600 minute winter	S14	315	185.257	0.082	11.2	0.1334	0.0000	OK
600 minute winter	S15	315	184.932	0.065	14.6	0.1044	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S1	1.000	J1	1.3	0.512	0.149	0.0213	
600 minute winter	S2	1.012	J12	12.5	0.738	0.418	0.0253	
600 minute winter	S3	1.019	J18	16.9	0.984	0.317	0.3613	
600 minute winter	S4	1.022	BASIN 1	26.7	1.041	0.160	1.1778	
600 minute winter	S5	1.024	SWALE 1	4.9	0.411	0.058	0.2398	
600 minute winter	S6	1.026	BASIN 2	4.9	0.487	0.056	0.0679	
600 minute winter	S7	1.028	SWALE 2	4.9	0.617	0.016	0.1362	
600 minute winter	S8	1.030	S9	4.9	0.646	0.019	0.1053	
600 minute winter	S9	1.031	S10	4.9	0.680	0.058	0.0920	
600 minute winter	S10	1.032	SWALE 3	21.3	1.045	0.065	0.0896	
600 minute winter	S11	32.000	J28	1.7	0.563	0.286	0.0139	
600 minute winter	S12	32.003	J30	5.0	0.591	0.372	0.0428	
600 minute winter	S13	32.007	J33	8.4	1.471	0.086	0.0747	
600 minute winter	S14	32.009	J34	11.2	0.821	0.220	0.0714	
600 minute winter	S15	32.013	J37	14.6	1.626	0.158	0.0836	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.541	0.054	17.2	0.0850	0.0000	OK
600 minute winter	S17	570	186.887	0.737	2.1	1.2057	0.0000	FLOOD RISK
600 minute winter	S18	570	186.886	1.062	5.1	1.6065	0.0000	FLOOD RISK
600 minute winter	S19	570	186.886	1.120	9.7	1.6481	0.0000	SURCHARGED
600 minute winter	S20	345	184.668	0.025	0.8	0.0288	0.0000	OK
600 minute winter	S21	315	184.464	0.055	3.1	0.0735	0.0000	OK
600 minute winter	S22	315	184.328	0.096	6.5	0.1266	0.0000	OK
600 minute winter	S23	615	184.320	0.122	9.2	0.1587	0.0000	OK
600 minute winter	S24	615	184.320	0.303	17.6	0.4039	0.0000	SURCHARGED
600 minute winter	S25	615	184.320	0.350	19.8	0.4925	0.0000	SURCHARGED
600 minute winter	S26	330	185.406	0.029	1.9	0.0438	0.0000	OK
600 minute winter	FC1	345	188.618	0.368	0.6	0.4804	0.0000	SURCHARGED
600 minute winter	FC2	345	188.519	0.369	0.6	0.4819	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	S16	32.015	J38	17.2	0.968	0.054	0.0422	
600 minute winter	S17	23.001	J20	2.1	0.663	0.359	0.0560	
600 minute winter	S18	23.006	J24	5.1	0.438	0.158	0.0729	
600 minute winter	S19	23.010	J27	7.8	0.550	0.259	0.3541	
600 minute winter	S20	48.001	J41	0.8	0.512	0.132	0.0071	
600 minute winter	S21	48.004	J43	3.1	0.485	0.236	0.0331	
600 minute winter	S22	48.008	J46	6.5	0.394	0.206	0.0405	
600 minute winter	S23	48.011	J48	9.2	0.474	0.299	0.0251	
600 minute winter	S24	48.018	J56	17.6	0.563	0.330	0.2988	
600 minute winter	S25	48.021	BASIN 4	19.8	0.781	0.372	0.2710	
600 minute winter	S26	65.001	J54	1.9	0.684	0.182	0.0239	
600 minute winter	FC1	2.000	J1	0.6	0.272	0.096	0.0113	
600 minute winter	FC1	Infiltration		0.0				0.0
600 minute winter	FC2	3.000	J2	0.6	0.475	0.100	0.0057	
600 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC3	345	188.825	0.625	0.9	0.9946	0.0000	SURCHARGED
600 minute winter	FC4	330	188.455	0.255	0.5	0.3221	0.0000	SURCHARGED
600 minute winter	FC5	345	188.369	0.369	0.6	0.4820	0.0000	SURCHARGED
600 minute winter	FC6	330	188.104	0.254	0.5	0.3205	0.0000	SURCHARGED
600 minute winter	FC7	330	188.005	0.255	0.5	0.3226	0.0000	SURCHARGED
600 minute winter	FC8	345	188.114	0.364	0.6	0.4760	0.0000	SURCHARGED
600 minute winter	FC9	330	187.727	0.257	0.5	0.3246	0.0000	SURCHARGED
600 minute winter	FC10	345	188.096	0.626	0.9	0.9921	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
600 minute winter	FC3	Infiltration		0.0				0.0
600 minute winter	FC4	5.000	J4	0.5	0.531	0.066	0.0068	
600 minute winter	FC4	Infiltration		0.0				0.0
600 minute winter	FC5	6.000	J5	0.6	0.473	0.100	0.0052	
600 minute winter	FC5	Infiltration		0.0				0.0
600 minute winter	FC6	7.000	J6	0.5	0.591	0.057	0.0061	
600 minute winter	FC6	Infiltration		0.0				0.0
600 minute winter	FC7	8.000	J7	0.5	0.513	0.069	0.0070	
600 minute winter	FC7	Infiltration		0.0				0.0
600 minute winter	FC8	9.000	J8	0.6	0.663	0.062	0.0038	
600 minute winter	FC8	Infiltration		0.0				0.0
600 minute winter	FC9	10.000	J9	0.5	0.454	0.083	0.0078	
600 minute winter	FC9	Infiltration		0.0				0.0
600 minute winter	FC10	11.000	J10	0.8	0.557	0.118	0.0088	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC11	345	187.689	0.369	0.6	0.4816	0.0000	SURCHARGED
600 minute winter	FC12	345	187.599	0.369	0.6	0.4817	0.0000	SURCHARGED
600 minute winter	FC13	345	187.369	0.369	0.6	0.4816	0.0000	SURCHARGED
600 minute winter	FC14	375	187.097	0.196	0.6	2.5082	0.0000	SURCHARGED
600 minute winter	FC15	330	187.449	0.249	0.5	0.3149	0.0000	SURCHARGED
600 minute winter	FC16	330	187.156	0.256	0.5	0.3239	0.0000	SURCHARGED
600 minute winter	FC17	330	187.251	0.251	0.5	0.3175	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC10	Infiltration		0.0				0.0
600 minute winter	FC11	12.000	J11	0.6	0.477	0.101	0.0097	
600 minute winter	FC11	Infiltration		0.0				0.0
600 minute winter	FC12	13.000	S2	0.6	0.477	0.101	0.0086	
600 minute winter	FC12	Infiltration		0.0				0.0
600 minute winter	FC13	14.000	J12	0.6	0.478	0.100	0.0085	
600 minute winter	FC13	Infiltration		0.0				0.0
600 minute winter	FC14	15.000	J13	0.4	0.435	0.072	0.0203	
600 minute winter	FC14	Infiltration		0.0				0.0
600 minute winter	FC15	16.000	J14	0.5	0.956	0.028	0.0127	
600 minute winter	FC15	Infiltration		0.0				0.0
600 minute winter	FC16	17.000	J15	0.5	0.473	0.078	0.0231	
600 minute winter	FC16	Infiltration		0.0				0.0
600 minute winter	FC17	18.000	J16	0.5	0.749	0.040	0.0168	
600 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC18	585	186.896	0.346	0.5	0.4366	0.0000	SURCHARGED
600 minute winter	FC19	585	186.896	0.496	0.6	0.6478	0.0000	SURCHARGED
600 minute winter	FC20	345	187.310	0.360	0.6	0.4709	0.0000	SURCHARGED
600 minute winter	FC21	585	186.896	0.596	0.6	0.7784	0.0000	SURCHARGED
600 minute winter	FC22	585	186.894	0.444	0.5	4.3014	0.0000	SURCHARGED
600 minute winter	FC23	585	186.896	0.596	0.5	0.7529	0.0000	SURCHARGED
600 minute winter	FC24	585	186.896	0.596	0.6	0.7791	0.0000	SURCHARGED
600 minute winter	FC25	345	186.910	0.360	0.6	0.4707	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC18	19.000	J17	0.5	0.451	0.083	0.0548	
600 minute winter	FC18	Infiltration		0.0				0.0
600 minute winter	FC19	20.000	S3	0.6	0.473	0.106	0.0517	
600 minute winter	FC19	Infiltration		0.0				0.0
600 minute winter	FC20	21.000	J18	0.6	0.957	0.037	0.0179	
600 minute winter	FC20	Infiltration		0.0				0.0
600 minute winter	FC21	22.000	J19	0.6	0.471	0.098	0.0599	
600 minute winter	FC21	Infiltration		0.0				0.0
600 minute winter	FC22	23.000	S17	0.4	0.202	0.024	0.0373	
600 minute winter	FC22	Infiltration		0.0				0.0
600 minute winter	FC23	24.000	J20	0.5	0.759	0.036	0.0359	
600 minute winter	FC23	Infiltration		0.0				0.0
600 minute winter	FC24	25.000	J21	0.6	0.842	0.042	0.0363	
600 minute winter	FC24	Infiltration		0.0				0.0
600 minute winter	FC25	26.000	J22	0.6	0.938	0.038	0.0370	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC26	585	186.893	0.443	0.5	4.4677	0.0000	SURCHARGED
600 minute winter	FC27	585	186.896	0.396	0.5	0.4998	0.0000	SURCHARGED
600 minute winter	FC28	585	186.896	0.396	0.6	0.5172	0.0000	SURCHARGED
600 minute winter	FC29	585	186.896	0.396	0.6	0.5171	0.0000	SURCHARGED
600 minute winter	FC30	345	187.111	0.361	0.6	0.4718	0.0000	SURCHARGED
600 minute winter	FC31	330	186.703	0.253	0.5	0.3198	0.0000	SURCHARGED
600 minute winter	FC32	330	186.701	0.251	0.5	0.3169	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC25	Infiltration		0.0				0.0
600 minute winter	FC26	27.000	J23	0.4	0.698	0.027	0.0361	
600 minute winter	FC26	Infiltration		0.0				0.0
600 minute winter	FC27	28.000	J24	0.5	1.028	0.023	0.0352	
600 minute winter	FC27	Infiltration		0.0				0.0
600 minute winter	FC28	29.000	J25	0.6	0.943	0.037	0.0341	
600 minute winter	FC28	Infiltration		0.0				0.0
600 minute winter	FC29	30.000	J26	0.6	0.918	0.039	0.0369	
600 minute winter	FC29	Infiltration		0.0				0.0
600 minute winter	FC30	31.000	J27	0.6	0.891	0.041	0.0345	
600 minute winter	FC30	Infiltration		0.0				0.0
600 minute winter	FC31	33.000	J28	0.5	0.258	0.055	0.0087	
600 minute winter	FC31	Infiltration		0.0				0.0
600 minute winter	FC32	34.000	J29	0.5	0.230	0.039	0.0096	
600 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC33	345	186.811	0.361	0.6	0.4716	0.0000	SURCHARGED
600 minute winter	FC34	345	186.818	0.368	0.6	0.4813	0.0000	SURCHARGED
600 minute winter	FC35	345	186.811	0.361	0.6	0.4719	0.0000	SURCHARGED
600 minute winter	FC36	345	186.811	0.361	0.6	0.4713	0.0000	SURCHARGED
600 minute winter	FC37	345	186.427	0.627	0.9	0.9827	0.0000	SURCHARGED
600 minute winter	FC38	360	185.589	0.139	0.5	1.6624	0.0000	SURCHARGED
600 minute winter	FC39	330	185.700	0.250	0.5	0.3162	0.0000	SURCHARGED
600 minute winter	FC40	345	185.859	0.359	0.6	0.4695	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC33	35.000	S12	0.6	0.840	0.042	0.0039	
600 minute winter	FC33	Infiltration		0.0				0.0
600 minute winter	FC34	36.000	J30	0.6	0.489	0.096	0.0058	
600 minute winter	FC34	Infiltration		0.0				0.0
600 minute winter	FC35	37.000	J31	0.6	0.882	0.042	0.0035	
600 minute winter	FC35	Infiltration		0.0				0.0
600 minute winter	FC36	38.000	J32	0.6	0.925	0.039	0.0032	
600 minute winter	FC36	Infiltration		0.0				0.0
600 minute winter	FC37	39.000	J33	0.8	0.686	0.089	0.0075	
600 minute winter	FC37	Infiltration		0.0				0.0
600 minute winter	FC38	40.000	J34	0.4	0.694	0.029	0.0024	
600 minute winter	FC38	Infiltration		0.0				0.0
600 minute winter	FC39	41.000	J35	0.5	0.841	0.034	0.0026	
600 minute winter	FC39	Infiltration		0.0				0.0
600 minute winter	FC40	42.000	J36	0.6	1.086	0.031	0.0028	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC41	345	185.213	0.363	0.6	0.4749	0.0000	SURCHARGED
600 minute winter	FC42	345	184.965	0.365	0.6	0.4771	0.0000	SURCHARGED
600 minute winter	FC43	345	184.964	0.363	0.6	0.4751	0.0000	SURCHARGED
600 minute winter	FC44	300	184.615	0.015	0.5	0.0192	0.0000	OK
600 minute winter	FC45	330	184.851	0.251	0.5	0.3170	0.0000	SURCHARGED
600 minute winter	FC46	345	185.326	0.626	0.9	0.9956	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	345	185.161	0.361	0.6	0.4717	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC40	Infiltration		0.0				0.0
600 minute winter	FC41	43.000	J37	0.6	0.710	0.057	0.0042	
600 minute winter	FC41	Infiltration		0.0				0.0
600 minute winter	FC42	44.000	J38	0.6	0.618	0.069	0.0048	
600 minute winter	FC42	Infiltration		0.0				0.0
600 minute winter	FC43	45.000	J39	0.6	0.702	0.057	0.0037	
600 minute winter	FC43	Infiltration		0.0				0.0
600 minute winter	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
600 minute winter	FC44	Infiltration		0.0				0.0
600 minute winter	FC45	47.000	S10	0.5	0.784	0.038	0.0029	
600 minute winter	FC45	Infiltration		0.0				0.0
600 minute winter	FC46	48.000	S20	0.8	0.502	0.132	0.0094	
600 minute winter	FC46	Infiltration		0.0				0.0
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0039	
600 minute winter	FC48	50.000	J42	0.6	0.411	0.043	0.0075	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC49	345	185.169	0.369	0.6	0.4820	0.0000	SURCHARGED
600 minute winter	FC50	345	185.169	0.369	0.6	0.4819	0.0000	SURCHARGED
600 minute winter	FC51	345	185.219	0.369	0.6	0.4818	0.0000	SURCHARGED
600 minute winter	FC52	345	185.614	0.364	0.6	0.4753	0.0000	SURCHARGED
600 minute winter	FC53	345	185.614	0.364	0.6	0.4763	0.0000	SURCHARGED
600 minute winter	FC54	330	185.502	0.252	0.5	0.3187	0.0000	SURCHARGED
600 minute winter	FC55	330	185.500	0.250	0.5	0.3159	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC48	Infiltration		0.0				0.0
600 minute winter	FC49	51.000	S21	0.6	0.473	0.100	0.0055	
600 minute winter	FC49	Infiltration		0.0				0.0
600 minute winter	FC50	52.000	J43	0.6	0.474	0.101	0.0059	
600 minute winter	FC50	Infiltration		0.0				0.0
600 minute winter	FC51	55.000	S22	0.6	0.476	0.101	0.0077	
600 minute winter	FC51	Infiltration		0.0				0.0
600 minute winter	FC52	58.000	S23	0.6	0.691	0.059	0.0047	
600 minute winter	FC52	Infiltration		0.0				0.0
600 minute winter	FC53	61.000	J50	0.6	0.649	0.064	0.0039	
600 minute winter	FC53	Infiltration		0.0				0.0
600 minute winter	FC54	62.000	J51	0.5	0.683	0.046	0.0029	
600 minute winter	FC54	Infiltration		0.0				0.0
600 minute winter	FC55	64.000	J53	0.5	0.860	0.033	0.0024	
600 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC56	330	185.600	0.250	0.5	0.3156	0.0000	SURCHARGED
600 minute winter	FC57	330	185.600	0.250	0.5	0.3162	0.0000	SURCHARGED
600 minute winter	FC58	330	185.601	0.251	0.5	0.3167	0.0000	SURCHARGED
600 minute winter	FC59	330	185.601	0.251	0.5	0.3175	0.0000	SURCHARGED
600 minute winter	FC60	345	185.712	0.362	0.6	0.4735	0.0000	SURCHARGED
600 minute winter	FC61	345	185.665	0.365	0.6	0.4768	0.0000	SURCHARGED
600 minute winter	FC62	345	185.876	0.626	0.9	0.9877	0.0000	SURCHARGED
600 minute winter	FC63	330	185.657	0.257	0.5	0.3244	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC56	53.000	J44	0.5	0.887	0.032	0.0037	
600 minute winter	FC56	Infiltration		0.0				0.0
600 minute winter	FC57	54.000	J45	0.5	0.833	0.035	0.0038	
600 minute winter	FC57	Infiltration		0.0				0.0
600 minute winter	FC58	56.000	J46	0.5	0.801	0.037	0.0038	
600 minute winter	FC58	Infiltration		0.0				0.0
600 minute winter	FC59	57.000	J47	0.5	0.743	0.041	0.0042	
600 minute winter	FC59	Infiltration		0.0				0.0
600 minute winter	FC60	59.000	J48	0.6	0.777	0.050	0.0051	
600 minute winter	FC60	Infiltration		0.0				0.0
600 minute winter	FC61	60.000	J49	0.6	0.623	0.069	0.0071	
600 minute winter	FC61	Infiltration		0.0				0.0
600 minute winter	FC62	63.000	J52	0.8	0.622	0.103	0.0119	
600 minute winter	FC62	Infiltration		0.0				0.0
600 minute winter	FC63	65.000	S26	0.5	0.337	0.083	0.0036	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC64	330	185.414	0.264	0.5	0.3333	0.0000	SURCHARGED
600 minute winter	FC65	345	185.514	0.364	0.6	0.4752	0.0000	SURCHARGED
600 minute winter	FC66	345	185.367	0.367	0.6	0.4801	0.0000	SURCHARGED
600 minute winter	FC67	360	184.951	0.151	0.5	1.5584	0.0000	SURCHARGED
600 minute winter	FC68	330	184.804	0.254	0.5	0.3208	0.0000	SURCHARGED
600 minute winter	J1	330	188.246	0.046	3.2	0.0698	0.0000	OK
600 minute winter	J2	330	188.122	0.066	3.8	0.0751	0.0000	OK
600 minute winter	J3	330	188.111	0.061	4.6	0.0688	0.0000	OK
600 minute winter	J4	330	188.082	0.043	5.1	0.0488	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	FC63	Infiltration		0.0				0.0
600 minute winter	FC64	66.000	J54	0.5	0.203	0.083	0.0060	
600 minute winter	FC64	Infiltration		0.0				0.0
600 minute winter	FC65	67.000	J55	0.6	0.302	0.061	0.0048	
600 minute winter	FC65	Infiltration		0.0				0.0
600 minute winter	FC66	68.000	S24	0.6	0.532	0.083	0.0024	
600 minute winter	FC66	Infiltration		0.0				0.0
600 minute winter	FC67	69.000	J56	0.4	0.405	0.063	0.0019	
600 minute winter	FC67	Infiltration		0.0				0.0
600 minute winter	FC68	70.000	J57	0.5	0.592	0.055	0.0019	
600 minute winter	FC68	Infiltration		0.0				0.0
600 minute winter	J1	1.001	J2	3.2	0.942	0.385	0.0170	
600 minute winter	J2	1.002	J3	3.8	0.533	0.281	0.0074	
600 minute winter	J3	1.003	J4	4.6	0.843	0.344	0.0106	
600 minute winter	J4	1.004	J5	5.1	1.290	0.148	0.0139	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J5	330	187.949	0.039	5.6	0.0443	0.0000	OK
600 minute winter	J6	330	187.706	0.056	6.1	0.0637	0.0000	OK
600 minute winter	J7	330	187.594	0.068	6.6	0.0774	0.0000	OK
600 minute winter	J8	330	187.564	0.043	7.3	0.0489	0.0000	OK
600 minute winter	J9	330	187.348	0.073	7.7	0.0825	0.0000	OK
600 minute winter	J10	330	187.313	0.043	8.5	0.0485	0.0000	OK
600 minute winter	J11	330	187.182	0.061	9.1	0.0690	0.0000	OK
600 minute winter	J12	570	186.886	0.077	13.1	0.0869	0.0000	OK
600 minute winter	J13	570	186.886	0.259	13.5	0.2928	0.0000	OK
600 minute winter	J14	570	186.886	0.264	14.0	0.2984	0.0000	OK
600 minute winter	J15	570	186.886	0.269	14.4	0.3040	0.0000	OK
600 minute winter	J16	570	186.886	0.281	14.9	0.3175	0.0000	OK
600 minute winter	J17	570	186.886	0.603	15.4	0.6816	0.0000	SURCHARGED
600 minute winter	J18	585	186.886	0.761	17.5	0.8602	0.0000	SURCHARGED
600 minute winter	J19	585	186.886	0.858	38.2	0.9710	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J5	1.005	J6	5.6	1.173	0.148	0.0275	
600 minute winter	J6	1.006	J7	6.1	1.139	0.216	0.0106	
600 minute winter	J7	1.007	J8	6.8	0.896	0.220	0.0088	
600 minute winter	J8	1.008	J9	7.2	0.892	0.081	0.0695	
600 minute winter	J9	1.009	J10	7.7	0.957	0.231	0.0098	
600 minute winter	J10	1.010	J11	8.5	1.231	0.066	0.0170	
600 minute winter	J11	1.011	S2	9.1	0.672	0.141	0.0734	
600 minute winter	J12	1.013	J13	13.1	1.230	0.195	0.1511	
600 minute winter	J13	1.014	J14	13.5	0.545	0.238	0.1235	
600 minute winter	J14	1.015	J15	14.0	0.639	0.248	0.1267	
600 minute winter	J15	1.016	J16	14.4	0.852	0.271	0.3463	
600 minute winter	J16	1.017	J17	14.9	1.187	0.105	0.2334	
600 minute winter	J17	1.018	S3	37.9	1.024	0.122	0.1328	
600 minute winter	J18	1.020	J19	37.6	0.894	0.131	0.1049	
600 minute winter	J19	1.021	S4	19.1	0.750	0.346	0.3096	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J20	570	186.886	0.855	2.6	0.9672	0.0000	SURCHARGED
600 minute winter	J21	570	186.886	0.877	3.0	0.9921	0.0000	SURCHARGED
600 minute winter	J22	570	186.886	0.923	3.5	1.0440	0.0000	SURCHARGED
600 minute winter	J23	570	186.886	0.944	3.7	1.0676	0.0000	SURCHARGED
600 minute winter	J24	570	186.886	1.069	5.5	1.2088	0.0000	FLOOD RISK
600 minute winter	J25	570	186.886	1.090	5.8	1.2325	0.0000	SURCHARGED
600 minute winter	J26	570	186.886	1.107	6.0	1.2516	0.0000	SURCHARGED
600 minute winter	J27	585	186.886	1.149	8.3	1.3001	0.0000	SURCHARGED
600 minute winter	J28	330	186.400	0.044	2.2	0.0493	0.0000	OK
600 minute winter	J29	330	186.322	0.051	2.7	0.0574	0.0000	OK
600 minute winter	J30	330	186.221	0.074	5.6	0.0832	0.0000	OK
600 minute winter	J31	330	186.117	0.073	6.2	0.0824	0.0000	OK
600 minute winter	J32	330	186.080	0.069	6.7	0.0785	0.0000	OK
600 minute winter	J33	330	185.580	0.045	9.2	0.0511	0.0000	OK
600 minute winter	J34	315	185.212	0.087	11.5	0.0981	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J20	23.002	J21	2.4	0.490	0.178	0.0665	
600 minute winter	J21	23.003	J22	3.0	0.509	0.221	0.1411	
600 minute winter	J22	23.004	J23	3.4	0.548	0.253	0.0633	
600 minute winter	J23	23.005	S18	3.4	0.618	0.257	0.1321	
600 minute winter	J24	23.007	J25	5.2	0.453	0.174	0.2458	
600 minute winter	J25	23.008	J26	5.5	0.447	0.182	0.1975	
600 minute winter	J26	23.009	S19	7.9	0.453	0.257	0.1474	
600 minute winter	J27	23.011	S4	16.2	0.633	0.541	0.0951	
600 minute winter	J28	32.001	J29	2.2	0.605	0.370	0.0320	
600 minute winter	J29	32.002	S12	2.7	0.706	0.452	0.0177	
600 minute winter	J30	32.004	J31	5.6	0.685	0.420	0.0405	
600 minute winter	J31	32.005	J32	6.2	0.573	0.205	0.1047	
600 minute winter	J32	32.006	S13	6.7	0.840	0.224	0.0429	
600 minute winter	J33	32.008	S14	9.2	1.002	0.089	0.0853	
600 minute winter	J34	32.010	J35	11.5	1.051	0.298	0.0995	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J35	315	185.132	0.057	12.0	0.0649	0.0000	OK
600 minute winter	J36	315	184.968	0.092	12.6	0.1046	0.0000	OK
600 minute winter	J37	315	184.595	0.095	15.2	0.1072	0.0000	OK
600 minute winter	J38	315	184.425	0.125	17.7	0.1418	0.0000	OK
600 minute winter	J39	315	184.389	0.115	18.3	0.1300	0.0000	OK
600 minute winter	J40	315	184.360	0.095	18.8	0.1077	0.0000	OK
600 minute winter	J41	345	184.622	0.025	0.8	0.0278	0.0000	OK
600 minute winter	J42	345	184.571	0.034	1.4	0.0385	0.0000	OK
600 minute winter	J43	315	184.444	0.064	3.7	0.0727	0.0000	OK
600 minute winter	J44	315	184.431	0.061	4.2	0.0692	0.0000	OK
600 minute winter	J45	315	184.388	0.068	4.7	0.0766	0.0000	OK
600 minute winter	J46	315	184.322	0.100	7.0	0.1131	0.0000	OK
600 minute winter	J47	615	184.320	0.113	7.4	0.1275	0.0000	OK
600 minute winter	J48	615	184.320	0.126	9.8	0.1422	0.0000	OK
600 minute winter	J49	615	184.320	0.151	10.4	0.1705	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J35	32.011	J36	12.0	1.038	0.135	0.0801	
600 minute winter	J36	32.012	S15	12.6	1.023	0.419	0.0293	
600 minute winter	J37	32.014	S16	15.2	1.112	0.274	0.0720	
600 minute winter	J38	32.016	J39	17.7	0.673	0.328	0.2851	
600 minute winter	J39	32.017	J40	18.3	0.833	0.335	0.0804	
600 minute winter	J40	32.018	S10	18.8	1.038	0.189	0.1735	
600 minute winter	J41	48.002	J42	0.8	0.421	0.132	0.0119	
600 minute winter	J42	48.003	S21	1.4	0.601	0.234	0.0187	
600 minute winter	J43	48.005	J44	3.7	0.535	0.267	0.0112	
600 minute winter	J44	48.006	J45	4.2	0.582	0.316	0.0635	
600 minute winter	J45	48.007	S22	4.7	0.653	0.346	0.0171	
600 minute winter	J46	48.009	J47	7.0	0.385	0.226	0.0767	
600 minute winter	J47	48.010	S23	7.4	0.382	0.247	0.0552	
600 minute winter	J48	48.012	J49	9.8	0.481	0.328	0.1902	
600 minute winter	J49	48.013	J50	10.4	0.488	0.339	0.0326	

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J50	615	184.320	0.155	11.0	0.1750	0.0000	OK
600 minute winter	J51	615	184.320	0.172	11.4	0.1943	0.0000	OK
600 minute winter	J52	615	184.320	0.176	12.2	0.1988	0.0000	OK
600 minute winter	J53	615	184.320	0.193	12.7	0.2180	0.0000	OK
600 minute winter	J54	330	185.177	0.048	2.4	0.0544	0.0000	OK
600 minute winter	J55	330	185.140	0.046	3.0	0.0517	0.0000	OK
600 minute winter	J56	615	184.320	0.313	18.0	0.3538	0.0000	SURCHARGED
600 minute winter	J57	615	184.320	0.335	18.5	0.3787	0.0000	SURCHARGED
600 minute winter	BASIN 1	585	186.885	1.960	27.6	292.4856	0.0000	FLOOD RISK
600 minute winter	BASIN 2	450	184.857	0.557	5.0	56.5267	0.0000	OK
600 minute winter	BASIN 3	840	183.770	0.670	24.1	475.6197	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	J50	48.014	J51	11.0	0.517	0.367	0.1564	
600 minute winter	J51	48.015	J52	11.4	0.552	0.373	0.0373	
600 minute winter	J52	48.016	J53	12.2	0.638	0.401	0.1694	
600 minute winter	J53	48.017	S24	12.7	0.752	0.421	0.3897	
600 minute winter	J54	65.002	J55	2.4	0.662	0.403	0.0131	
600 minute winter	J55	65.003	S24	3.0	0.882	0.391	0.0265	
600 minute winter	J56	48.019	J57	18.0	0.588	0.331	0.6398	
600 minute winter	J57	48.020	S25	18.4	0.628	0.338	0.4307	
600 minute winter	BASIN 1	1.023	S5	4.9	0.118	0.058	0.9418	
600 minute winter	BASIN 1	Infiltration		0.1				4.9
600 minute winter	BASIN 2	1.027	S7	4.9	0.623	0.059	0.1755	
600 minute winter	BASIN 2	71.000	BH1	1.2	0.557	0.198	0.1829	
600 minute winter	BASIN 2	Infiltration		0.0				0.0
600 minute winter	BASIN 3	1.034	BH2	1.3	0.474	0.011	1.8265	
600 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	BASIN 4	615	184.320	0.990	22.0	313.5642	0.0000	SURCHARGED
600 minute winter	SWALE 1	585	184.935	0.061	4.9	0.0873	0.0000	OK
600 minute winter	SWALE 2	450	184.436	0.061	4.9	0.0872	0.0000	OK
600 minute winter	SWALE 3	315	184.101	0.106	21.3	0.1519	0.0000	OK
600 minute winter	BH1	450	184.857	0.780	1.2	3.0645	0.0000	OK
600 minute winter	BH2	840	183.770	0.687	1.3	5.0164	0.0000	OK
600 minute winter	BH3	615	184.320	1.001	1.1	6.2751	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	BASIN 4	48.022	BH3	1.1	0.463	0.021	0.3211	
600 minute winter	BASIN 4	Infiltration		0.0				0.0
600 minute winter	SWALE 1	1.025	S6	4.9	0.411	0.059	0.4507	
600 minute winter	SWALE 2	1.029	S8	4.9	0.596	0.059	0.2165	
600 minute winter	SWALE 3	1.033	BASIN 3	21.3	0.849	0.170	1.0837	
600 minute winter	BH1	Infiltration		0.1				4.2
600 minute winter	BH2	Infiltration		0.2				5.5
600 minute winter	BH3	Infiltration		0.2				8.4

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.401	0.031	1.8	0.0465	0.0000	OK
720 minute summer	S2	375	187.160	0.121	15.5	0.2163	0.0000	OK
720 minute summer	S3	645	186.910	0.772	21.2	1.0420	0.0000	SURCHARGED
720 minute summer	S4	645	186.909	1.531	32.4	1.9860	0.0000	SURCHARGED
720 minute summer	S5	645	186.909	1.999	4.9	2.8601	0.0000	FLOOD RISK
720 minute summer	S6	660	184.872	0.064	4.9	0.0911	0.0000	OK
720 minute summer	S7	510	184.792	0.033	4.9	0.0475	0.0000	OK
720 minute summer	S8	510	184.366	0.036	4.9	0.0508	0.0000	OK
720 minute summer	S9	375	184.199	0.074	4.9	0.1061	0.0000	OK
720 minute summer	S10	375	184.199	0.086	26.8	0.1602	0.0000	OK
720 minute summer	S11	375	186.447	0.047	2.3	0.0760	0.0000	OK
720 minute summer	S12	375	186.260	0.084	6.4	0.1268	0.0000	OK
720 minute summer	S13	375	186.045	0.052	10.8	0.0803	0.0000	OK
720 minute summer	S14	375	185.270	0.095	14.2	0.1539	0.0000	OK
720 minute summer	S15	375	184.941	0.074	18.4	0.1188	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S1	1.000	J1	1.8	0.557	0.206	0.0269	
720 minute summer	S2	1.012	J12	15.5	0.788	0.519	0.0294	
720 minute summer	S3	1.019	J18	22.3	1.015	0.419	0.3613	
720 minute summer	S4	1.022	BASIN 1	33.4	1.030	0.199	1.1778	
720 minute summer	S5	1.024	SWALE 1	4.9	0.412	0.059	0.2409	
720 minute summer	S6	1.026	BASIN 2	4.9	0.484	0.056	0.0683	
720 minute summer	S7	1.028	SWALE 2	4.9	0.619	0.016	0.1370	
720 minute summer	S8	1.030	S9	4.9	0.648	0.019	0.1109	
720 minute summer	S9	1.031	S10	4.9	0.681	0.059	0.1151	
720 minute summer	S10	1.032	SWALE 3	26.8	1.092	0.081	0.1077	
720 minute summer	S11	32.000	J28	2.3	0.606	0.387	0.0173	
720 minute summer	S12	32.003	J30	6.4	0.625	0.479	0.0520	
720 minute summer	S13	32.007	J33	10.8	1.582	0.110	0.0889	
720 minute summer	S14	32.009	J34	14.2	0.872	0.280	0.0853	
720 minute summer	S15	32.013	J37	18.4	1.726	0.199	0.0995	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.551	0.064	21.7	0.1006	0.0000	OK
720 minute summer	S17	645	186.910	0.760	2.8	1.2442	0.0000	FLOOD RISK
720 minute summer	S18	645	186.910	1.085	6.2	1.6423	0.0000	FLOOD RISK
720 minute summer	S19	645	186.909	1.143	9.5	1.6830	0.0000	SURCHARGED
720 minute summer	S20	405	184.668	0.026	0.8	0.0293	0.0000	OK
720 minute summer	S21	375	184.471	0.062	3.8	0.0830	0.0000	OK
720 minute summer	S22	750	184.386	0.155	7.9	0.2039	0.0000	OK
720 minute summer	S23	750	184.386	0.188	11.3	0.2457	0.0000	OK
720 minute summer	S24	750	184.386	0.369	21.5	0.4928	0.0000	SURCHARGED
720 minute summer	S25	750	184.386	0.416	24.3	0.5863	0.0000	SURCHARGED
720 minute summer	S26	375	185.410	0.033	2.4	0.0501	0.0000	OK
720 minute summer	FC1	390	188.785	0.535	0.8	0.6994	0.0000	SURCHARGED
720 minute summer	FC2	390	188.686	0.536	0.8	0.7010	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	S16	32.015	J38	21.7	1.004	0.068	0.0511	
720 minute summer	S17	23.001	J20	2.7	0.685	0.458	0.0560	
720 minute summer	S18	23.006	J24	5.9	0.443	0.185	0.0729	
720 minute summer	S19	23.010	J27	9.7	0.547	0.325	0.3541	
720 minute summer	S20	48.001	J41	0.8	0.517	0.136	0.0072	
720 minute summer	S21	48.004	J43	3.8	0.502	0.286	0.0387	
720 minute summer	S22	48.008	J46	7.9	0.394	0.251	0.0734	
720 minute summer	S23	48.011	J48	11.3	0.486	0.366	0.0403	
720 minute summer	S24	48.018	J56	21.5	0.589	0.403	0.2989	
720 minute summer	S25	48.021	BASIN 4	24.3	0.829	0.456	0.2710	
720 minute summer	S26	65.001	J54	2.4	0.736	0.236	0.0286	
720 minute summer	FC1	2.000	J1	0.7	0.299	0.117	0.0139	
720 minute summer	FC1	Infiltration		0.0				0.0
720 minute summer	FC2	3.000	J2	0.7	0.501	0.122	0.0072	
720 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC3	405	188.856	0.656	1.2	1.7744	0.0000	SURCHARGED
720 minute summer	FC4	375	188.511	0.311	0.6	0.3933	0.0000	SURCHARGED
720 minute summer	FC5	390	188.537	0.536	0.8	0.7012	0.0000	SURCHARGED
720 minute summer	FC6	375	188.160	0.310	0.6	0.3917	0.0000	SURCHARGED
720 minute summer	FC7	375	188.062	0.312	0.6	0.3938	0.0000	SURCHARGED
720 minute summer	FC8	390	188.282	0.532	0.8	0.6948	0.0000	SURCHARGED
720 minute summer	FC9	375	187.783	0.313	0.6	0.3958	0.0000	SURCHARGED
720 minute summer	FC10	405	188.133	0.663	1.2	1.7638	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC3	4.000	J3	0.8	0.541	0.129	0.0139	
720 minute summer	FC3	Infiltration		0.0				0.0
720 minute summer	FC4	5.000	J4	0.5	0.547	0.073	0.0073	
720 minute summer	FC4	Infiltration		0.0				0.0
720 minute summer	FC5	6.000	J5	0.7	0.499	0.122	0.0060	
720 minute summer	FC5	Infiltration		0.0				0.0
720 minute summer	FC6	7.000	J6	0.5	0.609	0.063	0.0066	
720 minute summer	FC6	Infiltration		0.0				0.0
720 minute summer	FC7	8.000	J7	0.5	0.529	0.077	0.0075	
720 minute summer	FC7	Infiltration		0.0				0.0
720 minute summer	FC8	9.000	J8	0.7	0.701	0.076	0.0043	
720 minute summer	FC8	Infiltration		0.0				0.0
720 minute summer	FC9	10.000	J9	0.5	0.467	0.092	0.0084	
720 minute summer	FC9	Infiltration		0.0				0.0
720 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC11	390	187.856	0.536	0.8	0.7008	0.0000	SURCHARGED
720 minute summer	FC12	390	187.766	0.536	0.8	0.7008	0.0000	SURCHARGED
720 minute summer	FC13	390	187.536	0.536	0.8	0.7008	0.0000	SURCHARGED
720 minute summer	FC14	420	187.120	0.220	0.8	2.8039	0.0000	SURCHARGED
720 minute summer	FC15	375	187.506	0.306	0.6	0.3862	0.0000	SURCHARGED
720 minute summer	FC16	375	187.213	0.313	0.6	0.3951	0.0000	SURCHARGED
720 minute summer	FC17	375	187.308	0.308	0.6	0.3887	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC10	Infiltration		0.0				0.0
720 minute summer	FC11	12.000	J11	0.7	0.504	0.123	0.0111	
720 minute summer	FC11	Infiltration		0.0				0.0
720 minute summer	FC12	13.000	S2	0.7	0.503	0.122	0.0099	
720 minute summer	FC12	Infiltration		0.0				0.0
720 minute summer	FC13	14.000	J12	0.7	0.505	0.122	0.0098	
720 minute summer	FC13	Infiltration		0.0				0.0
720 minute summer	FC14	15.000	J13	0.5	0.442	0.076	0.0282	
720 minute summer	FC14	Infiltration		0.0				0.0
720 minute summer	FC15	16.000	J14	0.5	0.986	0.032	0.0174	
720 minute summer	FC15	Infiltration		0.0				0.0
720 minute summer	FC16	17.000	J15	0.5	0.488	0.087	0.0302	
720 minute summer	FC16	Infiltration		0.0				0.0
720 minute summer	FC17	18.000	J16	0.5	0.772	0.045	0.0194	
720 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC18	645	186.919	0.369	0.6	0.4664	0.0000	SURCHARGED
720 minute summer	FC19	390	186.939	0.539	0.8	0.7040	0.0000	SURCHARGED
720 minute summer	FC20	390	187.478	0.528	0.8	0.6895	0.0000	SURCHARGED
720 minute summer	FC21	660	186.919	0.619	0.8	0.8092	0.0000	SURCHARGED
720 minute summer	FC22	705	186.919	0.469	0.6	4.5502	0.0000	SURCHARGED
720 minute summer	FC23	675	186.920	0.620	0.6	0.7839	0.0000	SURCHARGED
720 minute summer	FC24	675	186.920	0.620	0.8	0.8113	0.0000	SURCHARGED
720 minute summer	FC25	390	187.077	0.527	0.8	0.6893	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC18	19.000	J17	0.5	0.465	0.093	0.0548	
720 minute summer	FC18	Infiltration		0.0				0.0
720 minute summer	FC19	20.000	S3	0.7	0.499	0.120	0.0517	
720 minute summer	FC19	Infiltration		0.0				0.0
720 minute summer	FC20	21.000	J18	0.7	1.013	0.045	0.0180	
720 minute summer	FC20	Infiltration		0.0				0.0
720 minute summer	FC21	22.000	J19	0.6	0.488	0.110	0.0599	
720 minute summer	FC21	Infiltration		0.0				0.0
720 minute summer	FC22	23.000	S17	0.4	0.211	0.023	0.0373	
720 minute summer	FC22	Infiltration		0.0				0.0
720 minute summer	FC23	24.000	J20	0.5	0.758	0.037	0.0359	
720 minute summer	FC23	Infiltration		0.0				0.0
720 minute summer	FC24	25.000	J21	0.6	0.852	0.047	0.0363	
720 minute summer	FC24	Infiltration		0.0				0.0
720 minute summer	FC25	26.000	J22	0.7	0.973	0.046	0.0370	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC26	705	186.919	0.469	0.6	4.7285	0.0000	SURCHARGED
720 minute summer	FC27	645	186.919	0.419	0.6	0.5295	0.0000	SURCHARGED
720 minute summer	FC28	390	187.027	0.527	0.8	0.6893	0.0000	SURCHARGED
720 minute summer	FC29	390	187.028	0.528	0.8	0.6896	0.0000	SURCHARGED
720 minute summer	FC30	390	187.278	0.528	0.8	0.6904	0.0000	SURCHARGED
720 minute summer	FC31	375	186.760	0.310	0.6	0.3910	0.0000	SURCHARGED
720 minute summer	FC32	375	186.757	0.307	0.6	0.3881	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC25	Infiltration		0.0				0.0
720 minute summer	FC26	27.000	J23	0.4	0.697	0.027	0.0361	
720 minute summer	FC26	Infiltration		0.0				0.0
720 minute summer	FC27	28.000	J24	0.5	1.026	0.025	0.0352	
720 minute summer	FC27	Infiltration		0.0				0.0
720 minute summer	FC28	29.000	J25	0.7	0.978	0.045	0.0341	
720 minute summer	FC28	Infiltration		0.0				0.0
720 minute summer	FC29	30.000	J26	0.7	0.952	0.047	0.0369	
720 minute summer	FC29	Infiltration		0.0				0.0
720 minute summer	FC30	31.000	J27	0.7	0.944	0.050	0.0345	
720 minute summer	FC30	Infiltration		0.0				0.0
720 minute summer	FC31	33.000	J28	0.5	0.265	0.061	0.0104	
720 minute summer	FC31	Infiltration		0.0				0.0
720 minute summer	FC32	34.000	J29	0.5	0.235	0.043	0.0114	
720 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC33	390	186.978	0.528	0.8	0.6902	0.0000	SURCHARGED
720 minute summer	FC34	390	186.986	0.536	0.8	0.7004	0.0000	SURCHARGED
720 minute summer	FC35	390	186.978	0.528	0.8	0.6905	0.0000	SURCHARGED
720 minute summer	FC36	390	186.978	0.528	0.8	0.6899	0.0000	SURCHARGED
720 minute summer	FC37	405	186.467	0.667	1.2	1.7475	0.0000	SURCHARGED
720 minute summer	FC38	420	185.596	0.146	0.6	1.7514	0.0000	SURCHARGED
720 minute summer	FC39	375	185.757	0.307	0.6	0.3874	0.0000	SURCHARGED
720 minute summer	FC40	390	186.026	0.526	0.8	0.6880	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC33	35.000	S12	0.7	0.892	0.051	0.0063	
720 minute summer	FC33	Infiltration		0.0				0.0
720 minute summer	FC34	36.000	J30	0.7	0.516	0.117	0.0067	
720 minute summer	FC34	Infiltration		0.0				0.0
720 minute summer	FC35	37.000	J31	0.7	0.934	0.051	0.0040	
720 minute summer	FC35	Infiltration		0.0				0.0
720 minute summer	FC36	38.000	J32	0.7	0.979	0.047	0.0037	
720 minute summer	FC36	Infiltration		0.0				0.0
720 minute summer	FC37	39.000	J33	0.8	0.692	0.092	0.0077	
720 minute summer	FC37	Infiltration		0.0				0.0
720 minute summer	FC38	40.000	J34	0.4	0.700	0.029	0.0025	
720 minute summer	FC38	Infiltration		0.0				0.0
720 minute summer	FC39	41.000	J35	0.5	0.868	0.038	0.0028	
720 minute summer	FC39	Infiltration		0.0				0.0
720 minute summer	FC40	42.000	J36	0.7	1.151	0.038	0.0032	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC41	390	185.381	0.531	0.8	0.6937	0.0000	SURCHARGED
720 minute summer	FC42	390	185.133	0.532	0.8	0.6959	0.0000	SURCHARGED
720 minute summer	FC43	390	185.131	0.531	0.8	0.6939	0.0000	SURCHARGED
720 minute summer	FC44	375	184.617	0.017	0.6	0.0210	0.0000	OK
720 minute summer	FC45	375	184.907	0.307	0.6	0.3882	0.0000	SURCHARGED
720 minute summer	FC46	405	185.363	0.663	1.2	1.7678	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	390	185.328	0.528	0.8	0.6903	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC40	Infiltration		0.0				0.0
720 minute summer	FC41	43.000	J37	0.7	0.751	0.069	0.0049	
720 minute summer	FC41	Infiltration		0.0				0.0
720 minute summer	FC42	44.000	J38	0.7	0.654	0.084	0.0055	
720 minute summer	FC42	Infiltration		0.0				0.0
720 minute summer	FC43	45.000	J39	0.7	0.742	0.070	0.0042	
720 minute summer	FC43	Infiltration		0.0				0.0
720 minute summer	FC44	46.000	J40	0.6	0.718	0.056	0.0037	
720 minute summer	FC44	Infiltration		0.0				0.0
720 minute summer	FC45	47.000	S10	0.5	0.808	0.042	0.0031	
720 minute summer	FC45	Infiltration		0.0				0.0
720 minute summer	FC46	48.000	S20	0.8	0.506	0.136	0.0096	
720 minute summer	FC46	Infiltration		0.0				0.0
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
720 minute summer	FC48	50.000	J42	0.7	0.454	0.052	0.0083	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC49	390	185.337	0.536	0.8	0.7012	0.0000	SURCHARGED
720 minute summer	FC50	390	185.336	0.536	0.8	0.7011	0.0000	SURCHARGED
720 minute summer	FC51	390	185.386	0.536	0.8	0.7009	0.0000	SURCHARGED
720 minute summer	FC52	390	185.781	0.531	0.8	0.6941	0.0000	SURCHARGED
720 minute summer	FC53	390	185.782	0.532	0.8	0.6951	0.0000	SURCHARGED
720 minute summer	FC54	375	185.559	0.309	0.6	0.3899	0.0000	SURCHARGED
720 minute summer	FC55	375	185.557	0.307	0.6	0.3872	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC48	Infiltration		0.0				0.0
720 minute summer	FC49	51.000	S21	0.7	0.500	0.122	0.0063	
720 minute summer	FC49	Infiltration		0.0				0.0
720 minute summer	FC50	52.000	J43	0.7	0.500	0.122	0.0068	
720 minute summer	FC50	Infiltration		0.0				0.0
720 minute summer	FC51	55.000	S22	0.7	0.503	0.122	0.0089	
720 minute summer	FC51	Infiltration		0.0				0.0
720 minute summer	FC52	58.000	S23	0.7	0.731	0.072	0.0054	
720 minute summer	FC52	Infiltration		0.0				0.0
720 minute summer	FC53	61.000	J50	0.7	0.687	0.078	0.0045	
720 minute summer	FC53	Infiltration		0.0				0.0
720 minute summer	FC54	62.000	J51	0.5	0.704	0.051	0.0031	
720 minute summer	FC54	Infiltration		0.0				0.0
720 minute summer	FC55	64.000	J53	0.5	0.887	0.037	0.0026	
720 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC56	375	185.656	0.306	0.6	0.3868	0.0000	SURCHARGED
720 minute summer	FC57	375	185.657	0.307	0.6	0.3875	0.0000	SURCHARGED
720 minute summer	FC58	375	185.657	0.307	0.6	0.3879	0.0000	SURCHARGED
720 minute summer	FC59	375	185.658	0.308	0.6	0.3887	0.0000	SURCHARGED
720 minute summer	FC60	390	185.880	0.530	0.8	0.6922	0.0000	SURCHARGED
720 minute summer	FC61	390	185.832	0.532	0.8	0.6957	0.0000	SURCHARGED
720 minute summer	FC62	405	185.909	0.659	1.2	1.7620	0.0000	SURCHARGED
720 minute summer	FC63	375	185.713	0.313	0.6	0.3954	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC56	53.000	J44	0.5	0.915	0.035	0.0039	
720 minute summer	FC56	Infiltration		0.0				0.0
720 minute summer	FC57	54.000	J45	0.5	0.859	0.039	0.0041	
720 minute summer	FC57	Infiltration		0.0				0.0
720 minute summer	FC58	56.000	J46	0.5	0.826	0.041	0.0041	
720 minute summer	FC58	Infiltration		0.0				0.0
720 minute summer	FC59	57.000	J47	0.5	0.766	0.045	0.0046	
720 minute summer	FC59	Infiltration		0.0				0.0
720 minute summer	FC60	59.000	J48	0.7	0.821	0.061	0.0058	
720 minute summer	FC60	Infiltration		0.0				0.0
720 minute summer	FC61	60.000	J49	0.7	0.659	0.084	0.0081	
720 minute summer	FC61	Infiltration		0.0				0.0
720 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121	
720 minute summer	FC62	Infiltration		0.0				0.0
720 minute summer	FC63	65.000	S26	0.5	0.340	0.092	0.0041	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC64	375	185.475	0.324	0.6	0.4098	0.0000	SURCHARGED
720 minute summer	FC65	390	185.681	0.531	0.8	0.6939	0.0000	SURCHARGED
720 minute summer	FC66	390	185.535	0.535	0.8	0.6992	0.0000	SURCHARGED
720 minute summer	FC67	420	184.960	0.160	0.6	1.6462	0.0000	SURCHARGED
720 minute summer	FC68	375	184.860	0.310	0.6	0.3920	0.0000	SURCHARGED
720 minute summer	J1	375	188.256	0.056	4.3	0.0842	0.0000	OK
720 minute summer	J2	375	188.133	0.077	5.0	0.0871	0.0000	OK
720 minute summer	J3	375	188.119	0.069	5.8	0.0782	0.0000	OK
720 minute summer	J4	375	188.088	0.049	6.4	0.0555	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	FC63	Infiltration		0.0				0.0
720 minute summer	FC64	66.000	J54	0.6	0.212	0.093	0.0075	
720 minute summer	FC64	Infiltration		0.0				0.0
720 minute summer	FC65	67.000	J55	0.7	0.321	0.075	0.0056	
720 minute summer	FC65	Infiltration		0.0				0.0
720 minute summer	FC66	68.000	S24	0.7	0.561	0.101	0.0027	
720 minute summer	FC66	Infiltration		0.0				0.0
720 minute summer	FC67	69.000	J56	0.4	0.409	0.065	0.0020	
720 minute summer	FC67	Infiltration		0.0				0.0
720 minute summer	FC68	70.000	J57	0.5	0.609	0.061	0.0020	
720 minute summer	FC68	Infiltration		0.0				0.0
720 minute summer	J1	1.001	J2	4.3	1.010	0.519	0.0214	
720 minute summer	J2	1.002	J3	5.0	0.589	0.373	0.0089	
720 minute summer	J3	1.003	J4	5.8	0.901	0.437	0.0126	
720 minute summer	J4	1.004	J5	6.4	1.359	0.186	0.0165	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J5	375	187.954	0.044	7.1	0.0502	0.0000	OK
720 minute summer	J6	375	187.714	0.064	7.6	0.0723	0.0000	OK
720 minute summer	J7	375	187.601	0.076	8.1	0.0860	0.0000	OK
720 minute summer	J8	375	187.569	0.048	8.7	0.0540	0.0000	OK
720 minute summer	J9	375	187.356	0.081	9.4	0.0914	0.0000	OK
720 minute summer	J10	375	187.318	0.048	10.2	0.0539	0.0000	OK
720 minute summer	J11	375	187.189	0.068	10.9	0.0770	0.0000	OK
720 minute summer	J12	645	186.910	0.101	16.2	0.1138	0.0000	OK
720 minute summer	J13	645	186.910	0.283	16.6	0.3197	0.0000	OK
720 minute summer	J14	645	186.910	0.288	17.1	0.3253	0.0000	OK
720 minute summer	J15	645	186.910	0.293	17.7	0.3309	0.0000	OK
720 minute summer	J16	645	186.910	0.305	18.2	0.3444	0.0000	SURCHARGED
720 minute summer	J17	645	186.910	0.626	18.8	0.7086	0.0000	SURCHARGED
720 minute summer	J18	645	186.909	0.784	23.0	0.8871	0.0000	SURCHARGED
720 minute summer	J19	645	186.909	0.882	23.6	0.9979	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J5	1.005	J6	7.1	1.233	0.184	0.0327	
720 minute summer	J6	1.006	J7	7.6	1.198	0.267	0.0125	
720 minute summer	J7	1.007	J8	8.0	0.929	0.261	0.0101	
720 minute summer	J8	1.008	J9	8.9	0.948	0.100	0.0802	
720 minute summer	J9	1.009	J10	9.4	1.006	0.282	0.0114	
720 minute summer	J10	1.010	J11	10.2	1.264	0.079	0.0199	
720 minute summer	J11	1.011	S2	10.9	0.692	0.169	0.0854	
720 minute summer	J12	1.013	J13	16.2	1.297	0.242	0.1795	
720 minute summer	J13	1.014	J14	16.6	0.580	0.293	0.1311	
720 minute summer	J14	1.015	J15	17.1	0.679	0.304	0.1336	
720 minute summer	J15	1.016	J16	17.7	0.898	0.332	0.3598	
720 minute summer	J16	1.017	J17	18.2	1.246	0.128	0.2366	
720 minute summer	J17	1.018	S3	18.8	1.053	0.060	0.1328	
720 minute summer	J18	1.020	J19	23.0	0.903	0.080	0.1049	
720 minute summer	J19	1.021	S4	21.1	0.763	0.383	0.3096	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J20	645	186.910	0.879	3.2	0.9940	0.0000	SURCHARGED
720 minute summer	J21	645	186.910	0.901	3.5	1.0188	0.0000	SURCHARGED
720 minute summer	J22	645	186.910	0.947	3.9	1.0707	0.0000	SURCHARGED
720 minute summer	J23	645	186.910	0.968	4.0	1.0944	0.0000	SURCHARGED
720 minute summer	J24	645	186.910	1.092	6.4	1.2356	0.0000	FLOOD RISK
720 minute summer	J25	645	186.909	1.113	6.9	1.2593	0.0000	FLOOD RISK
720 minute summer	J26	645	186.909	1.130	7.4	1.2785	0.0000	FLOOD RISK
720 minute summer	J27	645	186.909	1.173	10.4	1.3270	0.0000	SURCHARGED
720 minute summer	J28	375	186.407	0.051	2.8	0.0577	0.0000	OK
720 minute summer	J29	375	186.330	0.059	3.4	0.0665	0.0000	OK
720 minute summer	J30	375	186.233	0.086	7.1	0.0967	0.0000	OK
720 minute summer	J31	375	186.127	0.083	7.8	0.0938	0.0000	OK
720 minute summer	J32	375	186.089	0.078	8.5	0.0882	0.0000	OK
720 minute summer	J33	375	185.586	0.051	11.6	0.0572	0.0000	OK
720 minute summer	J34	375	185.223	0.098	14.5	0.1111	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J20	23.002	J21	2.9	0.502	0.212	0.0665	
720 minute summer	J21	23.003	J22	3.2	0.526	0.242	0.1411	
720 minute summer	J22	23.004	J23	3.8	0.552	0.278	0.0633	
720 minute summer	J23	23.005	S18	3.8	0.620	0.285	0.1321	
720 minute summer	J24	23.007	J25	6.2	0.452	0.206	0.2458	
720 minute summer	J25	23.008	J26	6.7	0.445	0.222	0.1975	
720 minute summer	J26	23.009	S19	7.1	0.449	0.232	0.1474	
720 minute summer	J27	23.011	S4	9.6	0.629	0.322	0.0951	
720 minute summer	J28	32.001	J29	2.8	0.647	0.480	0.0388	
720 minute summer	J29	32.002	S12	3.4	0.745	0.571	0.0212	
720 minute summer	J30	32.004	J31	7.1	0.727	0.535	0.0486	
720 minute summer	J31	32.005	J32	7.8	0.613	0.260	0.1241	
720 minute summer	J32	32.006	S13	8.5	0.893	0.283	0.0509	
720 minute summer	J33	32.008	S14	11.6	1.046	0.112	0.1025	
720 minute summer	J34	32.010	J35	14.5	1.111	0.377	0.1187	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J35	375	185.141	0.066	15.1	0.0745	0.0000	OK
720 minute summer	J36	375	184.980	0.104	15.8	0.1182	0.0000	OK
720 minute summer	J37	375	184.607	0.107	19.1	0.1206	0.0000	OK
720 minute summer	J38	375	184.443	0.143	22.4	0.1620	0.0000	OK
720 minute summer	J39	375	184.405	0.131	23.1	0.1478	0.0000	OK
720 minute summer	J40	375	184.373	0.108	23.7	0.1224	0.0000	OK
720 minute summer	J41	405	184.622	0.025	0.8	0.0282	0.0000	OK
720 minute summer	J42	390	184.573	0.036	1.5	0.0407	0.0000	OK
720 minute summer	J43	375	184.452	0.072	4.5	0.0816	0.0000	OK
720 minute summer	J44	375	184.438	0.068	5.1	0.0773	0.0000	OK
720 minute summer	J45	375	184.395	0.075	5.6	0.0850	0.0000	OK
720 minute summer	J46	750	184.386	0.164	8.4	0.1859	0.0000	OK
720 minute summer	J47	750	184.386	0.179	9.0	0.2029	0.0000	OK
720 minute summer	J48	750	184.386	0.192	12.0	0.2176	0.0000	OK
720 minute summer	J49	750	184.386	0.217	12.7	0.2459	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J35	32.011	J36	15.1	1.096	0.169	0.0951	
720 minute summer	J36	32.012	S15	15.8	1.082	0.526	0.0347	
720 minute summer	J37	32.014	S16	19.1	1.156	0.346	0.0867	
720 minute summer	J38	32.016	J39	22.4	0.715	0.414	0.3388	
720 minute summer	J39	32.017	J40	23.1	0.884	0.422	0.0956	
720 minute summer	J40	32.018	S10	23.7	1.102	0.238	0.2058	
720 minute summer	J41	48.002	J42	0.8	0.445	0.136	0.0126	
720 minute summer	J42	48.003	S21	1.5	0.618	0.259	0.0202	
720 minute summer	J43	48.005	J44	4.5	0.557	0.323	0.0130	
720 minute summer	J44	48.006	J45	5.1	0.608	0.379	0.0730	
720 minute summer	J45	48.007	S22	5.6	0.683	0.413	0.0204	
720 minute summer	J46	48.009	J47	8.4	0.388	0.274	0.1370	
720 minute summer	J47	48.010	S23	9.0	0.386	0.298	0.0917	
720 minute summer	J48	48.012	J49	12.0	0.497	0.401	0.2812	
720 minute summer	J49	48.013	J50	12.7	0.510	0.414	0.0448	

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J50	750	184.386	0.221	13.4	0.2504	0.0000	OK
720 minute summer	J51	750	184.386	0.238	13.9	0.2696	0.0000	SURCHARGED
720 minute summer	J52	750	184.386	0.242	14.7	0.2742	0.0000	SURCHARGED
720 minute summer	J53	750	184.386	0.259	15.3	0.2934	0.0000	SURCHARGED
720 minute summer	J54	375	185.184	0.055	3.0	0.0626	0.0000	OK
720 minute summer	J55	375	185.146	0.052	3.7	0.0589	0.0000	OK
720 minute summer	J56	750	184.386	0.379	21.9	0.4291	0.0000	SURCHARGED
720 minute summer	J57	750	184.386	0.401	22.4	0.4540	0.0000	SURCHARGED
720 minute summer	BASIN 1	645	186.909	1.984	34.6	297.2915	0.0000	FLOOD RISK
720 minute summer	BASIN 2	510	184.858	0.558	5.0	56.5534	0.0000	OK
720 minute summer	BASIN 3	960	183.876	0.776	30.5	524.9904	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	J50	48.014	J51	13.4	0.544	0.448	0.2013	
720 minute summer	J51	48.015	J52	13.9	0.583	0.454	0.0451	
720 minute summer	J52	48.016	J53	14.7	0.669	0.482	0.1938	
720 minute summer	J53	48.017	S24	15.2	0.792	0.505	0.4079	
720 minute summer	J54	65.002	J55	3.0	0.698	0.505	0.0156	
720 minute summer	J55	65.003	S24	3.7	0.929	0.485	0.0312	
720 minute summer	J56	48.019	J57	21.9	0.616	0.403	0.6398	
720 minute summer	J57	48.020	S25	22.4	0.660	0.410	0.4307	
720 minute summer	BASIN 1	1.023	S5	4.9	0.044	0.059	0.9418	
720 minute summer	BASIN 1	Infiltration		0.1				5.7
720 minute summer	BASIN 2	1.027	S7	4.9	0.625	0.060	0.1764	
720 minute summer	BASIN 2	71.000	BH1	1.0	0.537	0.165	0.1829	
720 minute summer	BASIN 2	Infiltration		0.0				0.0
720 minute summer	BASIN 3	1.034	BH2	5.5	0.490	0.044	1.8265	
720 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	BASIN 4	750	184.386	1.056	27.2	337.3896	0.0000	SURCHARGED
720 minute summer	SWALE 1	645	184.935	0.061	4.9	0.0875	0.0000	OK
720 minute summer	SWALE 2	510	184.436	0.061	4.9	0.0875	0.0000	OK
720 minute summer	SWALE 3	375	184.115	0.120	26.8	0.1716	0.0000	OK
720 minute summer	BH1	510	184.858	0.781	1.0	3.0652	0.0000	OK
720 minute summer	BH2	960	183.876	0.793	5.5	5.5460	0.0000	OK
720 minute summer	BH3	750	184.386	1.067	1.2	6.5857	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	BASIN 4	48.022	BH3	1.2	0.445	0.022	0.3211	
720 minute summer	BASIN 4	Infiltration		0.0				0.0
720 minute summer	SWALE 1	1.025	S6	4.9	0.408	0.059	0.4526	
720 minute summer	SWALE 2	1.029	S8	4.9	0.597	0.060	0.2177	
720 minute summer	SWALE 3	1.033	BASIN 3	26.8	0.903	0.214	1.2813	
720 minute summer	BH1	Infiltration		0.1				4.9
720 minute summer	BH2	Infiltration		0.2				6.3
720 minute summer	BH3	Infiltration		0.2				9.7

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	360	188.395	0.025	1.2	0.0378	0.0000	OK
720 minute winter	S2	375	187.141	0.102	11.4	0.1826	0.0000	OK
720 minute winter	S3	690	186.903	0.766	15.6	1.0337	0.0000	SURCHARGED
720 minute winter	S4	690	186.903	1.525	45.2	1.9779	0.0000	SURCHARGED
720 minute winter	S5	690	186.903	1.992	4.9	2.8512	0.0000	FLOOD RISK
720 minute winter	S6	690	184.872	0.064	4.9	0.0910	0.0000	OK
720 minute winter	S7	540	184.792	0.033	4.9	0.0474	0.0000	OK
720 minute winter	S8	540	184.366	0.036	4.9	0.0508	0.0000	OK
720 minute winter	S9	435	184.192	0.067	4.9	0.0958	0.0000	OK
720 minute winter	S10	420	184.186	0.073	20.6	0.1357	0.0000	OK
720 minute winter	S11	390	186.437	0.036	1.5	0.0589	0.0000	OK
720 minute winter	S12	375	186.242	0.066	4.4	0.0993	0.0000	OK
720 minute winter	S13	375	186.036	0.043	7.5	0.0665	0.0000	OK
720 minute winter	S14	375	185.252	0.077	10.0	0.1253	0.0000	OK
720 minute winter	S15	375	184.928	0.061	13.1	0.0985	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S1	1.000	J1	1.2	0.504	0.137	0.0200	
720 minute winter	S2	1.012	J12	11.4	0.718	0.381	0.0237	
720 minute winter	S3	1.019	J18	23.9	1.073	0.448	0.3613	
720 minute winter	S4	1.022	BASIN 1	23.6	0.973	0.141	1.1778	
720 minute winter	S5	1.024	SWALE 1	4.9	0.412	0.058	0.2406	
720 minute winter	S6	1.026	BASIN 2	4.9	0.482	0.056	0.0683	
720 minute winter	S7	1.028	SWALE 2	4.9	0.619	0.016	0.1369	
720 minute winter	S8	1.030	S9	4.9	0.647	0.019	0.1100	
720 minute winter	S9	1.031	S10	4.9	0.681	0.059	0.0935	
720 minute winter	S10	1.032	SWALE 3	20.6	1.038	0.062	0.0872	
720 minute winter	S11	32.000	J28	1.5	0.546	0.252	0.0125	
720 minute winter	S12	32.003	J30	4.4	0.574	0.326	0.0386	
720 minute winter	S13	32.007	J33	7.5	1.422	0.077	0.0688	
720 minute winter	S14	32.009	J34	10.0	0.799	0.198	0.0659	
720 minute winter	S15	32.013	J37	13.1	1.582	0.142	0.0773	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.538	0.051	15.4	0.0791	0.0000	OK
720 minute winter	S17	675	186.904	0.754	1.9	1.2341	0.0000	FLOOD RISK
720 minute winter	S18	690	186.903	1.079	4.8	1.6330	0.0000	FLOOD RISK
720 minute winter	S19	690	186.903	1.137	7.4	1.6739	0.0000	SURCHARGED
720 minute winter	S20	390	184.667	0.025	0.7	0.0279	0.0000	OK
720 minute winter	S21	375	184.461	0.052	2.9	0.0704	0.0000	OK
720 minute winter	S22	735	184.367	0.136	5.9	0.1778	0.0000	OK
720 minute winter	S23	735	184.367	0.169	8.4	0.2198	0.0000	OK
720 minute winter	S24	735	184.367	0.350	16.1	0.4663	0.0000	SURCHARGED
720 minute winter	S25	735	184.367	0.397	18.0	0.5583	0.0000	SURCHARGED
720 minute winter	S26	375	185.404	0.027	1.7	0.0415	0.0000	OK
720 minute winter	FC1	375	188.574	0.324	0.6	0.4239	0.0000	SURCHARGED
720 minute winter	FC2	375	188.475	0.325	0.6	0.4252	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	S16	32.015	J38	15.4	0.951	0.049	0.0388	
720 minute winter	S17	23.001	J20	1.9	0.654	0.318	0.0560	
720 minute winter	S18	23.006	J24	4.6	0.428	0.142	0.0729	
720 minute winter	S19	23.010	J27	6.6	0.532	0.220	0.3541	
720 minute winter	S20	48.001	J41	0.7	0.504	0.123	0.0068	
720 minute winter	S21	48.004	J43	2.9	0.480	0.220	0.0312	
720 minute winter	S22	48.008	J46	5.9	0.394	0.189	0.0631	
720 minute winter	S23	48.011	J48	8.4	0.469	0.272	0.0363	
720 minute winter	S24	48.018	J56	16.0	0.552	0.300	0.2989	
720 minute winter	S25	48.021	BASIN 4	18.0	0.760	0.338	0.2710	
720 minute winter	S26	65.001	J54	1.7	0.671	0.164	0.0218	
720 minute winter	FC1	2.000	J1	0.6	0.261	0.090	0.0107	
720 minute winter	FC1	Infiltration		0.0				0.0
720 minute winter	FC2	3.000	J2	0.6	0.466	0.094	0.0054	
720 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC3	390	188.752	0.551	0.8	0.7572	0.0000	SURCHARGED
720 minute winter	FC4	420	188.373	0.173	0.4	0.2181	0.0000	SURCHARGED
720 minute winter	FC5	375	188.325	0.325	0.6	0.4253	0.0000	SURCHARGED
720 minute winter	FC6	420	188.022	0.171	0.4	0.2166	0.0000	SURCHARGED
720 minute winter	FC7	420	187.923	0.173	0.4	0.2185	0.0000	SURCHARGED
720 minute winter	FC8	375	188.071	0.321	0.6	0.4197	0.0000	SURCHARGED
720 minute winter	FC9	420	187.645	0.175	0.4	0.2204	0.0000	SURCHARGED
720 minute winter	FC10	390	188.021	0.551	0.8	0.7565	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC3	4.000	J3	0.7	0.528	0.118	0.0130	
720 minute winter	FC3	Infiltration		0.0				0.0
720 minute winter	FC4	5.000	J4	0.4	0.500	0.054	0.0059	
720 minute winter	FC4	Infiltration		0.0				0.0
720 minute winter	FC5	6.000	J5	0.6	0.464	0.094	0.0050	
720 minute winter	FC5	Infiltration		0.0				0.0
720 minute winter	FC6	7.000	J6	0.4	0.557	0.046	0.0053	
720 minute winter	FC6	Infiltration		0.0				0.0
720 minute winter	FC7	8.000	J7	0.4	0.484	0.056	0.0060	
720 minute winter	FC7	Infiltration		0.0				0.0
720 minute winter	FC8	9.000	J8	0.6	0.651	0.058	0.0036	
720 minute winter	FC8	Infiltration		0.0				0.0
720 minute winter	FC9	10.000	J9	0.4	0.427	0.067	0.0068	
720 minute winter	FC9	Infiltration		0.0				0.0
720 minute winter	FC10	11.000	J10	0.7	0.547	0.111	0.0084	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC11	375	187.645	0.325	0.6	0.4250	0.0000	SURCHARGED
720 minute winter	FC12	375	187.555	0.325	0.6	0.4250	0.0000	SURCHARGED
720 minute winter	FC13	375	187.325	0.325	0.6	0.4250	0.0000	SURCHARGED
720 minute winter	FC14	435	187.079	0.179	0.6	2.2819	0.0000	SURCHARGED
720 minute winter	FC15	420	187.368	0.168	0.4	0.2117	0.0000	SURCHARGED
720 minute winter	FC16	420	187.074	0.174	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC17	420	187.169	0.169	0.4	0.2138	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC10	Infiltration		0.0				0.0
720 minute winter	FC11	12.000	J11	0.6	0.468	0.094	0.0092	
720 minute winter	FC11	Infiltration		0.0				0.0
720 minute winter	FC12	13.000	S2	0.6	0.468	0.094	0.0082	
720 minute winter	FC12	Infiltration		0.0				0.0
720 minute winter	FC13	14.000	J12	0.6	0.469	0.094	0.0081	
720 minute winter	FC13	Infiltration		0.0				0.0
720 minute winter	FC14	15.000	J13	0.4	0.428	0.068	0.0261	
720 minute winter	FC14	Infiltration		0.0				0.0
720 minute winter	FC15	16.000	J14	0.4	0.899	0.023	0.0164	
720 minute winter	FC15	Infiltration		0.0				0.0
720 minute winter	FC16	17.000	J15	0.4	0.446	0.063	0.0286	
720 minute winter	FC16	Infiltration		0.0				0.0
720 minute winter	FC17	18.000	J16	0.4	0.705	0.033	0.0193	
720 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC18	690	186.913	0.363	0.4	0.4586	0.0000	SURCHARGED
720 minute winter	FC19	690	186.913	0.513	0.6	0.6705	0.0000	SURCHARGED
720 minute winter	FC20	375	187.268	0.318	0.6	0.4150	0.0000	SURCHARGED
720 minute winter	FC21	690	186.913	0.613	0.6	0.8010	0.0000	SURCHARGED
720 minute winter	FC22	690	186.912	0.462	0.5	4.4798	0.0000	SURCHARGED
720 minute winter	FC23	690	186.914	0.613	0.4	0.7748	0.0000	SURCHARGED
720 minute winter	FC24	690	186.913	0.613	0.6	0.8018	0.0000	SURCHARGED
720 minute winter	FC25	690	186.913	0.363	0.6	0.4749	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC18	19.000	J17	0.4	0.425	0.068	0.0548	
720 minute winter	FC18	Infiltration		0.0				0.0
720 minute winter	FC19	20.000	S3	0.6	0.466	0.094	0.0517	
720 minute winter	FC19	Infiltration		0.0				0.0
720 minute winter	FC20	21.000	J18	0.6	0.939	0.035	0.0179	
720 minute winter	FC20	Infiltration		0.0				0.0
720 minute winter	FC21	22.000	J19	0.6	0.458	0.097	0.0599	
720 minute winter	FC21	Infiltration		0.0				0.0
720 minute winter	FC22	23.000	S17	0.3	0.190	0.021	0.0373	
720 minute winter	FC22	Infiltration		0.0				0.0
720 minute winter	FC23	24.000	J20	0.4	0.741	0.030	0.0359	
720 minute winter	FC23	Infiltration		0.0				0.0
720 minute winter	FC24	25.000	J21	0.6	0.804	0.040	0.0363	
720 minute winter	FC24	Infiltration		0.0				0.0
720 minute winter	FC25	26.000	J22	0.6	0.912	0.035	0.0370	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC26	690	186.912	0.461	0.5	4.6533	0.0000	SURCHARGED
720 minute winter	FC27	690	186.913	0.413	0.4	0.5217	0.0000	SURCHARGED
720 minute winter	FC28	690	186.913	0.413	0.6	0.5398	0.0000	SURCHARGED
720 minute winter	FC29	690	186.913	0.413	0.6	0.5398	0.0000	SURCHARGED
720 minute winter	FC30	375	187.068	0.318	0.6	0.4158	0.0000	SURCHARGED
720 minute winter	FC31	420	186.621	0.171	0.4	0.2160	0.0000	SURCHARGED
720 minute winter	FC32	420	186.619	0.169	0.4	0.2133	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC25	Infiltration		0.0				0.0
720 minute winter	FC26	27.000	J23	0.3	0.686	0.025	0.0361	
720 minute winter	FC26	Infiltration		0.0				0.0
720 minute winter	FC27	28.000	J24	0.4	0.995	0.019	0.0352	
720 minute winter	FC27	Infiltration		0.0				0.0
720 minute winter	FC28	29.000	J25	0.6	0.917	0.035	0.0341	
720 minute winter	FC28	Infiltration		0.0				0.0
720 minute winter	FC29	30.000	J26	0.6	0.892	0.036	0.0369	
720 minute winter	FC29	Infiltration		0.0				0.0
720 minute winter	FC30	31.000	J27	0.6	0.875	0.038	0.0345	
720 minute winter	FC30	Infiltration		0.0				0.0
720 minute winter	FC31	33.000	J28	0.4	0.248	0.044	0.0077	
720 minute winter	FC31	Infiltration		0.0				0.0
720 minute winter	FC32	34.000	J29	0.4	0.222	0.032	0.0085	
720 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC33	375	186.768	0.318	0.6	0.4157	0.0000	SURCHARGED
720 minute winter	FC34	375	186.775	0.325	0.6	0.4247	0.0000	SURCHARGED
720 minute winter	FC35	375	186.768	0.318	0.6	0.4159	0.0000	SURCHARGED
720 minute winter	FC36	375	186.768	0.318	0.6	0.4154	0.0000	SURCHARGED
720 minute winter	FC37	390	186.348	0.548	0.8	0.7524	0.0000	SURCHARGED
720 minute winter	FC38	435	185.570	0.120	0.4	1.4427	0.0000	SURCHARGED
720 minute winter	FC39	420	185.618	0.168	0.4	0.2126	0.0000	SURCHARGED
720 minute winter	FC40	375	185.817	0.317	0.6	0.4137	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC33	35.000	S12	0.6	0.840	0.039	0.0029	
720 minute winter	FC33	Infiltration		0.0				0.0
720 minute winter	FC34	36.000	J30	0.6	0.480	0.090	0.0055	
720 minute winter	FC34	Infiltration		0.0				0.0
720 minute winter	FC35	37.000	J31	0.6	0.866	0.039	0.0033	
720 minute winter	FC35	Infiltration		0.0				0.0
720 minute winter	FC36	38.000	J32	0.6	0.908	0.037	0.0031	
720 minute winter	FC36	Infiltration		0.0				0.0
720 minute winter	FC37	39.000	J33	0.7	0.673	0.083	0.0072	
720 minute winter	FC37	Infiltration		0.0				0.0
720 minute winter	FC38	40.000	J34	0.3	0.679	0.027	0.0023	
720 minute winter	FC38	Infiltration		0.0				0.0
720 minute winter	FC39	41.000	J35	0.4	0.791	0.028	0.0022	
720 minute winter	FC39	Infiltration		0.0				0.0
720 minute winter	FC40	42.000	J36	0.6	1.065	0.029	0.0027	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC41	375	185.170	0.320	0.6	0.4187	0.0000	SURCHARGED
720 minute winter	FC42	375	184.922	0.322	0.6	0.4207	0.0000	SURCHARGED
720 minute winter	FC43	375	184.921	0.320	0.6	0.4189	0.0000	SURCHARGED
720 minute winter	FC44	330	184.614	0.014	0.4	0.0172	0.0000	OK
720 minute winter	FC45	420	184.769	0.169	0.4	0.2134	0.0000	SURCHARGED
720 minute winter	FC46	390	185.252	0.552	0.8	0.7582	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	375	185.118	0.318	0.6	0.4158	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC40	Infiltration		0.0				0.0
720 minute winter	FC41	43.000	J37	0.6	0.697	0.053	0.0040	
720 minute winter	FC41	Infiltration		0.0				0.0
720 minute winter	FC42	44.000	J38	0.6	0.607	0.065	0.0045	
720 minute winter	FC42	Infiltration		0.0				0.0
720 minute winter	FC43	45.000	J39	0.6	0.689	0.054	0.0035	
720 minute winter	FC43	Infiltration		0.0				0.0
720 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
720 minute winter	FC44	Infiltration		0.0				0.0
720 minute winter	FC45	47.000	S10	0.4	0.737	0.031	0.0025	
720 minute winter	FC45	Infiltration		0.0				0.0
720 minute winter	FC46	48.000	S20	0.7	0.494	0.124	0.0089	
720 minute winter	FC46	Infiltration		0.0				0.0
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0038	
720 minute winter	FC48	50.000	J42	0.6	0.406	0.040	0.0072	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC49	375	185.125	0.325	0.6	0.4253	0.0000	SURCHARGED
720 minute winter	FC50	375	185.125	0.325	0.6	0.4253	0.0000	SURCHARGED
720 minute winter	FC51	375	185.175	0.325	0.6	0.4251	0.0000	SURCHARGED
720 minute winter	FC52	375	185.571	0.321	0.6	0.4191	0.0000	SURCHARGED
720 minute winter	FC53	375	185.571	0.321	0.6	0.4200	0.0000	SURCHARGED
720 minute winter	FC54	420	185.420	0.170	0.4	0.2149	0.0000	SURCHARGED
720 minute winter	FC55	420	185.418	0.168	0.4	0.2124	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC48	Infiltration		0.0				0.0
720 minute winter	FC49	51.000	S21	0.6	0.464	0.094	0.0052	
720 minute winter	FC49	Infiltration		0.0				0.0
720 minute winter	FC50	52.000	J43	0.6	0.465	0.094	0.0056	
720 minute winter	FC50	Infiltration		0.0				0.0
720 minute winter	FC51	55.000	S22	0.6	0.467	0.094	0.0073	
720 minute winter	FC51	Infiltration		0.0				0.0
720 minute winter	FC52	58.000	S23	0.6	0.678	0.055	0.0045	
720 minute winter	FC52	Infiltration		0.0				0.0
720 minute winter	FC53	61.000	J50	0.6	0.637	0.060	0.0037	
720 minute winter	FC53	Infiltration		0.0				0.0
720 minute winter	FC54	62.000	J51	0.4	0.643	0.037	0.0025	
720 minute winter	FC54	Infiltration		0.0				0.0
720 minute winter	FC55	64.000	J53	0.4	0.809	0.027	0.0021	
720 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC56	420	185.518	0.168	0.4	0.2121	0.0000	SURCHARGED
720 minute winter	FC57	420	185.518	0.168	0.4	0.2127	0.0000	SURCHARGED
720 minute winter	FC58	420	185.519	0.169	0.4	0.2131	0.0000	SURCHARGED
720 minute winter	FC59	420	185.519	0.169	0.4	0.2139	0.0000	SURCHARGED
720 minute winter	FC60	375	185.669	0.319	0.6	0.4175	0.0000	SURCHARGED
720 minute winter	FC61	375	185.622	0.322	0.6	0.4205	0.0000	SURCHARGED
720 minute winter	FC62	390	185.799	0.549	0.8	0.7542	0.0000	SURCHARGED
720 minute winter	FC63	420	185.574	0.174	0.4	0.2201	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC56	53.000	J44	0.4	0.834	0.026	0.0032	
720 minute winter	FC56	Infiltration		0.0				0.0
720 minute winter	FC57	54.000	J45	0.4	0.782	0.028	0.0033	
720 minute winter	FC57	Infiltration		0.0				0.0
720 minute winter	FC58	56.000	J46	0.4	0.752	0.030	0.0033	
720 minute winter	FC58	Infiltration		0.0				0.0
720 minute winter	FC59	57.000	J47	0.4	0.698	0.033	0.0037	
720 minute winter	FC59	Infiltration		0.0				0.0
720 minute winter	FC60	59.000	J48	0.6	0.762	0.047	0.0048	
720 minute winter	FC60	Infiltration		0.0				0.0
720 minute winter	FC61	60.000	J49	0.6	0.611	0.064	0.0067	
720 minute winter	FC61	Infiltration		0.0				0.0
720 minute winter	FC62	63.000	J52	0.7	0.610	0.096	0.0113	
720 minute winter	FC62	Infiltration		0.0				0.0
720 minute winter	FC63	65.000	S26	0.4	0.320	0.068	0.0032	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC64	390	185.329	0.179	0.4	0.2262	0.0000	SURCHARGED
720 minute winter	FC65	375	185.471	0.321	0.6	0.4190	0.0000	SURCHARGED
720 minute winter	FC66	375	185.324	0.324	0.6	0.4235	0.0000	SURCHARGED
720 minute winter	FC67	435	184.930	0.130	0.4	1.3414	0.0000	SURCHARGED
720 minute winter	FC68	420	184.722	0.172	0.4	0.2168	0.0000	SURCHARGED
720 minute winter	J1	375	188.244	0.044	3.0	0.0667	0.0000	OK
720 minute winter	J2	375	188.120	0.064	3.5	0.0720	0.0000	OK
720 minute winter	J3	390	188.108	0.058	4.2	0.0660	0.0000	OK
720 minute winter	J4	390	188.080	0.041	4.6	0.0466	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	FC63	Infiltration		0.0				0.0
720 minute winter	FC64	66.000	J54	0.4	0.194	0.068	0.0052	
720 minute winter	FC64	Infiltration		0.0				0.0
720 minute winter	FC65	67.000	J55	0.6	0.293	0.057	0.0044	
720 minute winter	FC65	Infiltration		0.0				0.0
720 minute winter	FC66	68.000	S24	0.6	0.522	0.077	0.0023	
720 minute winter	FC66	Infiltration		0.0				0.0
720 minute winter	FC67	69.000	J56	0.3	0.396	0.058	0.0018	
720 minute winter	FC67	Infiltration		0.0				0.0
720 minute winter	FC68	70.000	J57	0.4	0.559	0.045	0.0016	
720 minute winter	FC68	Infiltration		0.0				0.0
720 minute winter	J1	1.001	J2	3.0	0.924	0.356	0.0161	
720 minute winter	J2	1.002	J3	3.5	0.522	0.261	0.0070	
720 minute winter	J3	1.003	J4	4.2	0.831	0.319	0.0100	
720 minute winter	J4	1.004	J5	4.6	1.263	0.136	0.0130	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J5	390	187.948	0.037	5.2	0.0424	0.0000	OK
720 minute winter	J6	390	187.703	0.053	5.6	0.0603	0.0000	OK
720 minute winter	J7	390	187.590	0.065	6.0	0.0735	0.0000	OK
720 minute winter	J8	390	187.562	0.041	6.8	0.0466	0.0000	OK
720 minute winter	J9	390	187.344	0.069	6.9	0.0781	0.0000	OK
720 minute winter	J10	390	187.311	0.040	7.7	0.0458	0.0000	OK
720 minute winter	J11	390	187.178	0.057	8.2	0.0649	0.0000	OK
720 minute winter	J12	690	186.903	0.094	11.9	0.1067	0.0000	OK
720 minute winter	J13	690	186.904	0.276	12.3	0.3127	0.0000	OK
720 minute winter	J14	690	186.903	0.281	12.7	0.3183	0.0000	OK
720 minute winter	J15	690	186.903	0.286	13.1	0.3239	0.0000	OK
720 minute winter	J16	690	186.903	0.298	13.5	0.3374	0.0000	OK
720 minute winter	J17	690	186.903	0.620	28.4	0.7015	0.0000	SURCHARGED
720 minute winter	J18	690	186.903	0.778	33.8	0.8801	0.0000	SURCHARGED
720 minute winter	J19	690	186.903	0.876	19.7	0.9909	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J5	1.005	J6	5.2	1.157	0.136	0.0256	
720 minute winter	J6	1.006	J7	5.6	1.114	0.197	0.0099	
720 minute winter	J7	1.007	J8	6.2	0.872	0.202	0.0082	
720 minute winter	J8	1.008	J9	6.5	0.871	0.074	0.0647	
720 minute winter	J9	1.009	J10	6.9	0.933	0.208	0.0091	
720 minute winter	J10	1.010	J11	7.7	1.212	0.060	0.0157	
720 minute winter	J11	1.011	S2	8.2	0.658	0.128	0.0682	
720 minute winter	J12	1.013	J13	11.9	1.202	0.178	0.1724	
720 minute winter	J13	1.014	J14	12.3	0.534	0.217	0.1294	
720 minute winter	J14	1.015	J15	12.7	0.624	0.225	0.1321	
720 minute winter	J15	1.016	J16	13.1	0.832	0.245	0.3579	
720 minute winter	J16	1.017	J17	13.5	1.157	0.095	0.2365	
720 minute winter	J17	1.018	S3	-14.5	1.030	-0.047	0.1328	
720 minute winter	J18	1.020	J19	19.2	0.880	0.067	0.1049	
720 minute winter	J19	1.021	S4	28.5	0.729	0.517	0.3096	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J20	690	186.904	0.873	2.3	0.9869	0.0000	SURCHARGED
720 minute winter	J21	690	186.904	0.895	2.6	1.0118	0.0000	SURCHARGED
720 minute winter	J22	690	186.904	0.941	3.1	1.0637	0.0000	SURCHARGED
720 minute winter	J23	690	186.903	0.961	3.3	1.0874	0.0000	SURCHARGED
720 minute winter	J24	690	186.903	1.086	4.9	1.2286	0.0000	FLOOD RISK
720 minute winter	J25	690	186.903	1.107	5.2	1.2523	0.0000	FLOOD RISK
720 minute winter	J26	690	186.903	1.124	5.6	1.2715	0.0000	FLOOD RISK
720 minute winter	J27	690	186.903	1.167	7.1	1.3200	0.0000	SURCHARGED
720 minute winter	J28	390	186.396	0.040	1.9	0.0453	0.0000	OK
720 minute winter	J29	390	186.317	0.046	2.3	0.0523	0.0000	OK
720 minute winter	J30	375	186.215	0.068	4.9	0.0772	0.0000	OK
720 minute winter	J31	375	186.112	0.068	5.5	0.0773	0.0000	OK
720 minute winter	J32	375	186.077	0.066	6.0	0.0742	0.0000	OK
720 minute winter	J33	390	185.578	0.043	8.2	0.0483	0.0000	OK
720 minute winter	J34	375	185.207	0.082	10.3	0.0928	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J20	23.002	J21	2.1	0.477	0.158	0.0665	
720 minute winter	J21	23.003	J22	2.6	0.504	0.193	0.1411	
720 minute winter	J22	23.004	J23	3.0	0.544	0.226	0.0633	
720 minute winter	J23	23.005	S18	3.3	0.591	0.249	0.1321	
720 minute winter	J24	23.007	J25	4.7	0.443	0.155	0.2458	
720 minute winter	J25	23.008	J26	5.0	0.437	0.166	0.1975	
720 minute winter	J26	23.009	S19	5.8	0.442	0.190	0.1474	
720 minute winter	J27	23.011	S4	15.6	0.612	0.521	0.0951	
720 minute winter	J28	32.001	J29	1.9	0.588	0.321	0.0285	
720 minute winter	J29	32.002	S12	2.3	0.680	0.387	0.0157	
720 minute winter	J30	32.004	J31	4.9	0.664	0.370	0.0368	
720 minute winter	J31	32.005	J32	5.5	0.553	0.182	0.0963	
720 minute winter	J32	32.006	S13	6.0	0.814	0.200	0.0396	
720 minute winter	J33	32.008	S14	8.2	0.977	0.079	0.0785	
720 minute winter	J34	32.010	J35	10.3	1.026	0.268	0.0918	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J35	375	185.129	0.054	10.7	0.0609	0.0000	OK
720 minute winter	J36	375	184.962	0.087	11.3	0.0989	0.0000	OK
720 minute winter	J37	375	184.590	0.090	13.6	0.1018	0.0000	OK
720 minute winter	J38	375	184.418	0.118	16.0	0.1339	0.0000	OK
720 minute winter	J39	375	184.383	0.109	16.6	0.1228	0.0000	OK
720 minute winter	J40	375	184.355	0.090	17.0	0.1017	0.0000	OK
720 minute winter	J41	390	184.621	0.024	0.7	0.0269	0.0000	OK
720 minute winter	J42	390	184.570	0.033	1.3	0.0371	0.0000	OK
720 minute winter	J43	375	184.442	0.061	3.5	0.0695	0.0000	OK
720 minute winter	J44	375	184.428	0.058	3.9	0.0661	0.0000	OK
720 minute winter	J45	375	184.384	0.064	4.3	0.0726	0.0000	OK
720 minute winter	J46	735	184.367	0.145	6.3	0.1635	0.0000	OK
720 minute winter	J47	735	184.367	0.160	6.7	0.1804	0.0000	OK
720 minute winter	J48	735	184.367	0.173	8.9	0.1951	0.0000	OK
720 minute winter	J49	735	184.367	0.198	9.5	0.2234	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J35	32.011	J36	10.7	1.009	0.121	0.0739	
720 minute winter	J36	32.012	S15	11.3	0.992	0.377	0.0272	
720 minute winter	J37	32.014	S16	13.6	1.088	0.247	0.0663	
720 minute winter	J38	32.016	J39	16.0	0.656	0.296	0.2640	
720 minute winter	J39	32.017	J40	16.6	0.815	0.303	0.0744	
720 minute winter	J40	32.018	S10	16.9	1.010	0.170	0.1606	
720 minute winter	J41	48.002	J42	0.7	0.405	0.124	0.0113	
720 minute winter	J42	48.003	S21	1.3	0.591	0.219	0.0178	
720 minute winter	J43	48.005	J44	3.5	0.531	0.250	0.0105	
720 minute winter	J44	48.006	J45	3.9	0.574	0.291	0.0594	
720 minute winter	J45	48.007	S22	4.3	0.638	0.316	0.0160	
720 minute winter	J46	48.009	J47	6.3	0.384	0.205	0.1202	
720 minute winter	J47	48.010	S23	6.7	0.375	0.223	0.0819	
720 minute winter	J48	48.012	J49	8.9	0.474	0.299	0.2593	
720 minute winter	J49	48.013	J50	9.5	0.480	0.309	0.0423	

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J50	735	184.367	0.202	10.0	0.2279	0.0000	OK
720 minute winter	J51	735	184.367	0.219	10.4	0.2472	0.0000	OK
720 minute winter	J52	735	184.367	0.223	11.2	0.2517	0.0000	OK
720 minute winter	J53	735	184.367	0.240	11.6	0.2709	0.0000	SURCHARGED
720 minute winter	J54	375	185.174	0.045	2.1	0.0504	0.0000	OK
720 minute winter	J55	375	185.137	0.043	2.7	0.0483	0.0000	OK
720 minute winter	J56	735	184.367	0.360	16.4	0.4066	0.0000	SURCHARGED
720 minute winter	J57	735	184.367	0.382	16.7	0.4315	0.0000	SURCHARGED
720 minute winter	BASIN 1	690	186.903	1.978	24.4	296.0321	0.0000	FLOOD RISK
720 minute winter	BASIN 2	540	184.858	0.558	5.0	56.5504	0.0000	OK
720 minute winter	BASIN 3	960	183.874	0.774	22.6	523.9990	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	J50	48.014	J51	10.0	0.509	0.336	0.1952	
720 minute winter	J51	48.015	J52	10.4	0.540	0.340	0.0449	
720 minute winter	J52	48.016	J53	11.2	0.625	0.366	0.1936	
720 minute winter	J53	48.017	S24	11.5	0.731	0.383	0.4079	
720 minute winter	J54	65.002	J55	2.1	0.642	0.354	0.0119	
720 minute winter	J55	65.003	S24	2.7	0.857	0.349	0.0243	
720 minute winter	J56	48.019	J57	16.3	0.576	0.301	0.6398	
720 minute winter	J57	48.020	S25	16.7	0.611	0.307	0.4307	
720 minute winter	BASIN 1	1.023	S5	4.9	0.137	0.059	0.9418	
720 minute winter	BASIN 1	Infiltration		0.1				5.6
720 minute winter	BASIN 2	1.027	S7	4.9	0.624	0.060	0.1763	
720 minute winter	BASIN 2	71.000	BH1	1.1	0.553	0.186	0.1829	
720 minute winter	BASIN 2	Infiltration		0.0				0.0
720 minute winter	BASIN 3	1.034	BH2	3.7	0.566	0.030	1.8265	
720 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	BASIN 4	735	184.367	1.037	20.0	330.2527	0.0000	SURCHARGED
720 minute winter	SWALE 1	690	184.935	0.061	4.9	0.0875	0.0000	OK
720 minute winter	SWALE 2	540	184.436	0.061	4.9	0.0875	0.0000	OK
720 minute winter	SWALE 3	420	184.099	0.104	20.6	0.1491	0.0000	OK
720 minute winter	BH1	540	184.858	0.781	1.1	3.0651	0.0000	OK
720 minute winter	BH2	960	183.874	0.791	3.7	5.5355	0.0000	OK
720 minute winter	BH3	735	184.367	1.048	1.2	6.4932	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	BASIN 4	48.022	BH3	1.2	0.440	0.023	0.3211	
720 minute winter	BASIN 4	Infiltration		0.0				0.0
720 minute winter	SWALE 1	1.025	S6	4.9	0.407	0.059	0.4521	
720 minute winter	SWALE 2	1.029	S8	4.9	0.597	0.060	0.2176	
720 minute winter	SWALE 3	1.033	BASIN 3	20.5	0.840	0.164	1.0567	
720 minute winter	BH1	Infiltration		0.1				4.9
720 minute winter	BH2	Infiltration		0.2				6.2
720 minute winter	BH3	Infiltration		0.2				9.6

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.398	0.028	1.5	0.0423	0.0000	OK
960 minute summer	S2	495	187.151	0.112	13.6	0.2010	0.0000	OK
960 minute summer	S3	780	186.941	0.804	32.9	1.0848	0.0000	SURCHARGED
960 minute summer	S4	780	186.941	1.563	27.9	2.0271	0.0000	SURCHARGED
960 minute summer	S5	780	186.940	2.030	4.9	2.9055	0.0000	FLOOD RISK
960 minute summer	S6	780	184.872	0.064	4.9	0.0914	0.0000	OK
960 minute summer	S7	645	184.792	0.033	5.0	0.0477	0.0000	OK
960 minute summer	S8	645	184.366	0.036	5.0	0.0511	0.0000	OK
960 minute summer	S9	495	184.203	0.077	5.0	0.1109	0.0000	OK
960 minute summer	S10	495	184.200	0.087	27.1	0.1611	0.0000	OK
960 minute summer	S11	495	186.442	0.042	1.9	0.0678	0.0000	OK
960 minute summer	S12	495	186.251	0.075	5.4	0.1135	0.0000	OK
960 minute summer	S13	495	186.041	0.048	9.2	0.0737	0.0000	OK
960 minute summer	S14	495	185.262	0.087	12.2	0.1402	0.0000	OK
960 minute summer	S15	495	184.935	0.068	15.8	0.1092	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S1	1.000	J1	1.5	0.533	0.172	0.0235	
960 minute summer	S2	1.012	J12	13.6	0.757	0.454	0.0268	
960 minute summer	S3	1.019	J18	17.2	0.981	0.322	0.3613	
960 minute summer	S4	1.022	BASIN 1	27.6	0.912	0.165	1.1778	
960 minute summer	S5	1.024	SWALE 1	4.9	0.413	0.059	0.2423	
960 minute summer	S6	1.026	BASIN 2	4.9	0.464	0.057	0.0688	
960 minute summer	S7	1.028	SWALE 2	5.0	0.621	0.016	0.1379	
960 minute summer	S8	1.030	S9	5.0	0.648	0.019	0.1269	
960 minute summer	S9	1.031	S10	5.0	0.681	0.059	0.1190	
960 minute summer	S10	1.032	SWALE 3	27.1	1.094	0.082	0.1084	
960 minute summer	S11	32.000	J28	1.9	0.577	0.320	0.0150	
960 minute summer	S12	32.003	J30	5.4	0.602	0.404	0.0456	
960 minute summer	S13	32.007	J33	9.2	1.508	0.094	0.0792	
960 minute summer	S14	32.009	J34	12.2	0.839	0.240	0.0760	
960 minute summer	S15	32.013	J37	15.8	1.661	0.171	0.0888	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.545	0.058	18.6	0.0900	0.0000	OK
960 minute summer	S17	765	186.942	0.792	2.3	1.2967	0.0000	FLOOD RISK
960 minute summer	S18	765	186.941	1.117	5.3	1.6904	0.0000	FLOOD RISK
960 minute summer	S19	765	186.941	1.175	8.4	1.7297	0.0000	SURCHARGED
960 minute summer	S20	525	184.668	0.026	0.8	0.0290	0.0000	OK
960 minute summer	S21	990	184.475	0.066	3.3	0.0892	0.0000	OK
960 minute summer	S22	990	184.475	0.244	6.9	0.3205	0.0000	SURCHARGED
960 minute summer	S23	990	184.475	0.277	9.7	0.3616	0.0000	SURCHARGED
960 minute summer	S24	990	184.475	0.458	18.8	0.6114	0.0000	SURCHARGED
960 minute summer	S25	990	184.475	0.505	21.2	0.7115	0.0000	SURCHARGED
960 minute summer	S26	495	185.408	0.030	2.1	0.0461	0.0000	OK
960 minute summer	FC1	510	188.669	0.419	0.7	0.5474	0.0000	SURCHARGED
960 minute summer	FC2	510	188.570	0.420	0.7	0.5489	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	S16	32.015	J38	18.6	0.981	0.059	0.0451	
960 minute summer	S17	23.001	J20	2.1	0.670	0.355	0.0560	
960 minute summer	S18	23.006	J24	5.2	0.426	0.162	0.0729	
960 minute summer	S19	23.010	J27	9.0	0.528	0.301	0.3541	
960 minute summer	S20	48.001	J41	0.8	0.514	0.133	0.0071	
960 minute summer	S21	48.004	J43	3.3	0.490	0.251	0.0492	
960 minute summer	S22	48.008	J46	6.9	0.393	0.218	0.0967	
960 minute summer	S23	48.011	J48	9.7	0.477	0.316	0.0447	
960 minute summer	S24	48.018	J56	18.8	0.571	0.351	0.2989	
960 minute summer	S25	48.021	BASIN 4	21.2	0.797	0.397	0.2710	
960 minute summer	S26	65.001	J54	2.1	0.706	0.201	0.0254	
960 minute summer	FC1	2.000	J1	0.6	0.277	0.103	0.0123	
960 minute summer	FC1	Infiltration		0.0				0.0
960 minute summer	FC2	3.000	J2	0.6	0.484	0.107	0.0060	
960 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC3	525	188.833	0.633	1.0	1.2017	0.0000	SURCHARGED
960 minute summer	FC4	510	188.455	0.255	0.5	0.3221	0.0000	SURCHARGED
960 minute summer	FC5	510	188.420	0.420	0.7	0.5490	0.0000	SURCHARGED
960 minute summer	FC6	510	188.104	0.254	0.5	0.3205	0.0000	SURCHARGED
960 minute summer	FC7	510	188.005	0.255	0.5	0.3226	0.0000	SURCHARGED
960 minute summer	FC8	510	188.165	0.415	0.7	0.5430	0.0000	SURCHARGED
960 minute summer	FC9	510	187.727	0.257	0.5	0.3246	0.0000	SURCHARGED
960 minute summer	FC10	525	188.106	0.636	1.0	1.1969	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC3	4.000	J3	0.8	0.538	0.126	0.0137	
960 minute summer	FC3	Infiltration		0.0				0.0
960 minute summer	FC4	5.000	J4	0.5	0.531	0.066	0.0068	
960 minute summer	FC4	Infiltration		0.0				0.0
960 minute summer	FC5	6.000	J5	0.6	0.482	0.108	0.0055	
960 minute summer	FC5	Infiltration		0.0				0.0
960 minute summer	FC6	7.000	J6	0.5	0.591	0.057	0.0061	
960 minute summer	FC6	Infiltration		0.0				0.0
960 minute summer	FC7	8.000	J7	0.5	0.513	0.069	0.0070	
960 minute summer	FC7	Infiltration		0.0				0.0
960 minute summer	FC8	9.000	J8	0.6	0.676	0.067	0.0039	
960 minute summer	FC8	Infiltration		0.0				0.0
960 minute summer	FC9	10.000	J9	0.5	0.454	0.083	0.0078	
960 minute summer	FC9	Infiltration		0.0				0.0
960 minute summer	FC10	11.000	J10	0.8	0.559	0.119	0.0088	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC11	510	187.740	0.420	0.7	0.5487	0.0000	SURCHARGED
960 minute summer	FC12	510	187.650	0.420	0.7	0.5487	0.0000	SURCHARGED
960 minute summer	FC13	510	187.420	0.420	0.7	0.5487	0.0000	SURCHARGED
960 minute summer	FC14	555	187.093	0.193	0.7	2.4646	0.0000	SURCHARGED
960 minute summer	FC15	510	187.449	0.249	0.5	0.3149	0.0000	SURCHARGED
960 minute summer	FC16	510	187.156	0.256	0.5	0.3239	0.0000	SURCHARGED
960 minute summer	FC17	510	187.251	0.251	0.5	0.3175	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC10	Infiltration		0.0				0.0
960 minute summer	FC11	12.000	J11	0.6	0.486	0.108	0.0102	
960 minute summer	FC11	Infiltration		0.0				0.0
960 minute summer	FC12	13.000	S2	0.6	0.486	0.108	0.0090	
960 minute summer	FC12	Infiltration		0.0				0.0
960 minute summer	FC13	14.000	J12	0.6	0.487	0.107	0.0089	
960 minute summer	FC13	Infiltration		0.0				0.0
960 minute summer	FC14	15.000	J13	0.4	0.434	0.071	0.0411	
960 minute summer	FC14	Infiltration		0.0				0.0
960 minute summer	FC15	16.000	J14	0.5	0.956	0.028	0.0187	
960 minute summer	FC15	Infiltration		0.0				0.0
960 minute summer	FC16	17.000	J15	0.5	0.473	0.078	0.0413	
960 minute summer	FC16	Infiltration		0.0				0.0
960 minute summer	FC17	18.000	J16	0.5	0.749	0.040	0.0195	
960 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC18	780	186.951	0.401	0.5	0.5065	0.0000	SURCHARGED
960 minute summer	FC19	645	186.953	0.553	0.7	0.7230	0.0000	SURCHARGED
960 minute summer	FC20	510	187.362	0.412	0.7	0.5379	0.0000	SURCHARGED
960 minute summer	FC21	825	186.950	0.650	0.7	1.2329	0.0000	SURCHARGED
960 minute summer	FC22	810	186.951	0.501	0.5	4.8564	0.0000	SURCHARGED
960 minute summer	FC23	810	186.951	0.651	0.5	1.0980	0.0000	SURCHARGED
960 minute summer	FC24	825	186.950	0.650	0.7	1.2339	0.0000	SURCHARGED
960 minute summer	FC25	510	186.961	0.411	0.7	0.5377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC18	19.000	J17	0.5	0.451	0.083	0.0548	
960 minute summer	FC18	Infiltration		0.0				0.0
960 minute summer	FC19	20.000	S3	0.6	0.471	0.104	0.0517	
960 minute summer	FC19	Infiltration		0.0				0.0
960 minute summer	FC20	21.000	J18	0.6	0.976	0.040	0.0180	
960 minute summer	FC20	Infiltration		0.0				0.0
960 minute summer	FC21	22.000	J19	0.6	0.472	0.098	0.0599	
960 minute summer	FC21	Infiltration		0.0				0.0
960 minute summer	FC22	23.000	S17	0.3	0.221	0.023	0.0373	
960 minute summer	FC22	Infiltration		0.0				0.0
960 minute summer	FC23	24.000	J20	0.5	0.733	0.035	0.0359	
960 minute summer	FC23	Infiltration		0.0				0.0
960 minute summer	FC24	25.000	J21	0.6	0.801	0.042	0.0363	
960 minute summer	FC24	Infiltration		0.0				0.0
960 minute summer	FC25	26.000	J22	0.6	0.906	0.040	0.0370	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC26	810	186.951	0.501	0.5	5.0465	0.0000	SURCHARGED
960 minute summer	FC27	780	186.951	0.451	0.5	0.5697	0.0000	SURCHARGED
960 minute summer	FC28	645	186.953	0.453	0.7	0.5919	0.0000	SURCHARGED
960 minute summer	FC29	645	186.953	0.453	0.7	0.5919	0.0000	SURCHARGED
960 minute summer	FC30	510	187.162	0.412	0.7	0.5388	0.0000	SURCHARGED
960 minute summer	FC31	510	186.703	0.253	0.5	0.3198	0.0000	SURCHARGED
960 minute summer	FC32	510	186.701	0.251	0.5	0.3169	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC25	Infiltration		0.0				0.0
960 minute summer	FC26	27.000	J23	0.3	0.678	0.026	0.0361	
960 minute summer	FC26	Infiltration		0.0				0.0
960 minute summer	FC27	28.000	J24	0.5	0.995	0.023	0.0352	
960 minute summer	FC27	Infiltration		0.0				0.0
960 minute summer	FC28	29.000	J25	0.6	0.911	0.040	0.0341	
960 minute summer	FC28	Infiltration		0.0				0.0
960 minute summer	FC29	30.000	J26	0.6	0.886	0.041	0.0369	
960 minute summer	FC29	Infiltration		0.0				0.0
960 minute summer	FC30	31.000	J27	0.6	0.909	0.044	0.0345	
960 minute summer	FC30	Infiltration		0.0				0.0
960 minute summer	FC31	33.000	J28	0.5	0.260	0.055	0.0091	
960 minute summer	FC31	Infiltration		0.0				0.0
960 minute summer	FC32	34.000	J29	0.5	0.232	0.039	0.0100	
960 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC33	510	186.862	0.412	0.7	0.5385	0.0000	SURCHARGED
960 minute summer	FC34	510	186.870	0.420	0.7	0.5483	0.0000	SURCHARGED
960 minute summer	FC35	510	186.862	0.412	0.7	0.5389	0.0000	SURCHARGED
960 minute summer	FC36	510	186.862	0.412	0.7	0.5383	0.0000	SURCHARGED
960 minute summer	FC37	525	186.437	0.637	1.0	1.1856	0.0000	SURCHARGED
960 minute summer	FC38	540	185.589	0.139	0.5	1.6625	0.0000	SURCHARGED
960 minute summer	FC39	510	185.700	0.250	0.5	0.3162	0.0000	SURCHARGED
960 minute summer	FC40	510	185.911	0.410	0.7	0.5365	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC33	35.000	S12	0.6	0.858	0.045	0.0046	
960 minute summer	FC33	Infiltration		0.0				0.0
960 minute summer	FC34	36.000	J30	0.6	0.498	0.103	0.0061	
960 minute summer	FC34	Infiltration		0.0				0.0
960 minute summer	FC35	37.000	J31	0.6	0.900	0.045	0.0036	
960 minute summer	FC35	Infiltration		0.0				0.0
960 minute summer	FC36	38.000	J32	0.6	0.944	0.042	0.0034	
960 minute summer	FC36	Infiltration		0.0				0.0
960 minute summer	FC37	39.000	J33	0.8	0.688	0.090	0.0076	
960 minute summer	FC37	Infiltration		0.0				0.0
960 minute summer	FC38	40.000	J34	0.4	0.694	0.029	0.0024	
960 minute summer	FC38	Infiltration		0.0				0.0
960 minute summer	FC39	41.000	J35	0.5	0.841	0.034	0.0026	
960 minute summer	FC39	Infiltration		0.0				0.0
960 minute summer	FC40	42.000	J36	0.6	1.109	0.033	0.0029	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC41	510	185.265	0.415	0.7	0.5419	0.0000	SURCHARGED
960 minute summer	FC42	510	185.016	0.416	0.7	0.5440	0.0000	SURCHARGED
960 minute summer	FC43	510	185.015	0.415	0.7	0.5421	0.0000	SURCHARGED
960 minute summer	FC44	480	184.615	0.015	0.5	0.0192	0.0000	OK
960 minute summer	FC45	510	184.851	0.251	0.5	0.3170	0.0000	SURCHARGED
960 minute summer	FC46	525	185.336	0.636	1.0	1.2006	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	185.212	0.412	0.7	0.5387	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC40	Infiltration		0.0				0.0
960 minute summer	FC41	43.000	J37	0.6	0.724	0.061	0.0044	
960 minute summer	FC41	Infiltration		0.0				0.0
960 minute summer	FC42	44.000	J38	0.6	0.631	0.074	0.0050	
960 minute summer	FC42	Infiltration		0.0				0.0
960 minute summer	FC43	45.000	J39	0.6	0.716	0.062	0.0039	
960 minute summer	FC43	Infiltration		0.0				0.0
960 minute summer	FC44	46.000	J40	0.5	0.682	0.047	0.0032	
960 minute summer	FC44	Infiltration		0.0				0.0
960 minute summer	FC45	47.000	S10	0.5	0.784	0.038	0.0029	
960 minute summer	FC45	Infiltration		0.0				0.0
960 minute summer	FC46	48.000	S20	0.8	0.503	0.133	0.0094	
960 minute summer	FC46	Infiltration		0.0				0.0
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040	
960 minute summer	FC48	50.000	J42	0.6	0.426	0.046	0.0078	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC49	510	185.220	0.420	0.7	0.5490	0.0000	SURCHARGED
960 minute summer	FC50	510	185.220	0.420	0.7	0.5490	0.0000	SURCHARGED
960 minute summer	FC51	510	185.270	0.420	0.7	0.5488	0.0000	SURCHARGED
960 minute summer	FC52	510	185.665	0.415	0.7	0.5423	0.0000	SURCHARGED
960 minute summer	FC53	510	185.666	0.416	0.7	0.5433	0.0000	SURCHARGED
960 minute summer	FC54	510	185.502	0.252	0.5	0.3187	0.0000	SURCHARGED
960 minute summer	FC55	510	185.500	0.250	0.5	0.3159	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC48	Infiltration		0.0				0.0
960 minute summer	FC49	51.000	S21	0.6	0.482	0.108	0.0058	
960 minute summer	FC49	Infiltration		0.0				0.0
960 minute summer	FC50	52.000	J43	0.6	0.483	0.108	0.0062	
960 minute summer	FC50	Infiltration		0.0				0.0
960 minute summer	FC51	55.000	S22	0.6	0.485	0.108	0.0081	
960 minute summer	FC51	Infiltration		0.0				0.0
960 minute summer	FC52	58.000	S23	0.6	0.705	0.063	0.0049	
960 minute summer	FC52	Infiltration		0.0				0.0
960 minute summer	FC53	61.000	J50	0.6	0.662	0.069	0.0041	
960 minute summer	FC53	Infiltration		0.0				0.0
960 minute summer	FC54	62.000	J51	0.5	0.683	0.046	0.0029	
960 minute summer	FC54	Infiltration		0.0				0.0
960 minute summer	FC55	64.000	J53	0.5	0.860	0.033	0.0024	
960 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC56	510	185.600	0.250	0.5	0.3156	0.0000	SURCHARGED
960 minute summer	FC57	510	185.600	0.250	0.5	0.3162	0.0000	SURCHARGED
960 minute summer	FC58	510	185.601	0.251	0.5	0.3167	0.0000	SURCHARGED
960 minute summer	FC59	510	185.601	0.251	0.5	0.3175	0.0000	SURCHARGED
960 minute summer	FC60	510	185.764	0.414	0.7	0.5405	0.0000	SURCHARGED
960 minute summer	FC61	510	185.716	0.416	0.7	0.5438	0.0000	SURCHARGED
960 minute summer	FC62	525	185.885	0.635	1.0	1.1932	0.0000	SURCHARGED
960 minute summer	FC63	510	185.657	0.257	0.5	0.3242	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC56	53.000	J44	0.5	0.887	0.032	0.0037	
960 minute summer	FC56	Infiltration		0.0				0.0
960 minute summer	FC57	54.000	J45	0.5	0.833	0.035	0.0038	
960 minute summer	FC57	Infiltration		0.0				0.0
960 minute summer	FC58	56.000	J46	0.5	0.801	0.037	0.0038	
960 minute summer	FC58	Infiltration		0.0				0.0
960 minute summer	FC59	57.000	J47	0.5	0.743	0.041	0.0042	
960 minute summer	FC59	Infiltration		0.0				0.0
960 minute summer	FC60	59.000	J48	0.6	0.792	0.054	0.0053	
960 minute summer	FC60	Infiltration		0.0				0.0
960 minute summer	FC61	60.000	J49	0.6	0.635	0.074	0.0074	
960 minute summer	FC61	Infiltration		0.0				0.0
960 minute summer	FC62	63.000	J52	0.8	0.623	0.103	0.0119	
960 minute summer	FC62	Infiltration		0.0				0.0
960 minute summer	FC63	65.000	S26	0.5	0.337	0.083	0.0037	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC64	510	185.415	0.265	0.5	0.3352	0.0000	SURCHARGED
960 minute summer	FC65	510	185.565	0.415	0.7	0.5422	0.0000	SURCHARGED
960 minute summer	FC66	510	185.419	0.419	0.7	0.5471	0.0000	SURCHARGED
960 minute summer	FC67	540	184.951	0.151	0.5	1.5584	0.0000	SURCHARGED
960 minute summer	FC68	510	184.804	0.254	0.5	0.3208	0.0000	SURCHARGED
960 minute summer	J1	495	188.250	0.050	3.6	0.0755	0.0000	OK
960 minute summer	J2	495	188.127	0.071	4.3	0.0799	0.0000	OK
960 minute summer	J3	495	188.114	0.064	5.0	0.0724	0.0000	OK
960 minute summer	J4	495	188.084	0.045	5.5	0.0513	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	FC63	Infiltration		0.0				0.0
960 minute summer	FC64	66.000	J54	0.5	0.210	0.084	0.0064	
960 minute summer	FC64	Infiltration		0.0				0.0
960 minute summer	FC65	67.000	J55	0.6	0.299	0.066	0.0050	
960 minute summer	FC65	Infiltration		0.0				0.0
960 minute summer	FC66	68.000	S24	0.6	0.542	0.089	0.0025	
960 minute summer	FC66	Infiltration		0.0				0.0
960 minute summer	FC67	69.000	J56	0.4	0.405	0.063	0.0019	
960 minute summer	FC67	Infiltration		0.0				0.0
960 minute summer	FC68	70.000	J57	0.5	0.592	0.055	0.0019	
960 minute summer	FC68	Infiltration		0.0				0.0
960 minute summer	J1	1.001	J2	3.6	0.971	0.437	0.0188	
960 minute summer	J2	1.002	J3	4.3	0.556	0.317	0.0080	
960 minute summer	J3	1.003	J4	5.0	0.868	0.379	0.0114	
960 minute summer	J4	1.004	J5	5.5	1.317	0.162	0.0148	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J5	495	187.951	0.041	6.2	0.0465	0.0000	OK
960 minute summer	J6	495	187.709	0.059	6.6	0.0667	0.0000	OK
960 minute summer	J7	495	187.596	0.071	7.1	0.0803	0.0000	OK
960 minute summer	J8	495	187.566	0.045	7.6	0.0506	0.0000	OK
960 minute summer	J9	495	187.350	0.075	8.2	0.0853	0.0000	OK
960 minute summer	J10	495	187.314	0.044	9.0	0.0502	0.0000	OK
960 minute summer	J11	495	187.184	0.063	9.6	0.0712	0.0000	OK
960 minute summer	J12	780	186.941	0.132	14.2	0.1498	0.0000	OK
960 minute summer	J13	780	186.941	0.314	14.6	0.3556	0.0000	SURCHARGED
960 minute summer	J14	780	186.941	0.319	15.0	0.3612	0.0000	SURCHARGED
960 minute summer	J15	780	186.941	0.324	15.5	0.3668	0.0000	SURCHARGED
960 minute summer	J16	780	186.941	0.336	16.0	0.3803	0.0000	SURCHARGED
960 minute summer	J17	780	186.941	0.658	16.5	0.7444	0.0000	SURCHARGED
960 minute summer	J18	780	186.941	0.816	17.8	0.9230	0.0000	SURCHARGED
960 minute summer	J19	780	186.941	0.914	25.3	1.0337	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J5	1.005	J6	6.2	1.198	0.161	0.0293	
960 minute summer	J6	1.006	J7	6.6	1.160	0.233	0.0113	
960 minute summer	J7	1.007	J8	7.0	0.897	0.228	0.0092	
960 minute summer	J8	1.008	J9	7.7	0.913	0.087	0.0729	
960 minute summer	J9	1.009	J10	8.2	0.973	0.247	0.0103	
960 minute summer	J10	1.010	J11	9.0	1.245	0.070	0.0178	
960 minute summer	J11	1.011	S2	9.6	0.676	0.150	0.0774	
960 minute summer	J12	1.013	J13	14.2	1.255	0.212	0.2072	
960 minute summer	J13	1.014	J14	14.6	0.559	0.257	0.1335	
960 minute summer	J14	1.015	J15	15.0	0.654	0.267	0.1349	
960 minute summer	J15	1.016	J16	15.5	0.869	0.291	0.3610	
960 minute summer	J16	1.017	J17	16.0	1.207	0.112	0.2366	
960 minute summer	J17	1.018	S3	30.9	1.016	0.099	0.1328	
960 minute summer	J18	1.020	J19	24.8	0.891	0.086	0.1049	
960 minute summer	J19	1.021	S4	21.1	0.744	0.383	0.3096	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J20	765	186.942	0.911	2.5	1.0300	0.0000	SURCHARGED
960 minute summer	J21	765	186.942	0.933	2.9	1.0549	0.0000	FLOOD RISK
960 minute summer	J22	765	186.942	0.979	3.3	1.1068	0.0000	FLOOD RISK
960 minute summer	J23	765	186.942	0.999	3.5	1.1304	0.0000	FLOOD RISK
960 minute summer	J24	765	186.941	1.124	5.7	1.2715	0.0000	FLOOD RISK
960 minute summer	J25	765	186.941	1.145	6.1	1.2952	0.0000	FLOOD RISK
960 minute summer	J26	765	186.941	1.162	6.6	1.3144	0.0000	FLOOD RISK
960 minute summer	J27	780	186.941	1.205	9.7	1.3628	0.0000	SURCHARGED
960 minute summer	J28	495	186.402	0.046	2.4	0.0518	0.0000	OK
960 minute summer	J29	495	186.324	0.053	2.9	0.0597	0.0000	OK
960 minute summer	J30	495	186.224	0.077	6.0	0.0873	0.0000	OK
960 minute summer	J31	495	186.120	0.076	6.7	0.0859	0.0000	OK
960 minute summer	J32	495	186.083	0.072	7.3	0.0816	0.0000	OK
960 minute summer	J33	495	185.582	0.047	10.0	0.0530	0.0000	OK
960 minute summer	J34	495	185.216	0.091	12.5	0.1024	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J20	23.002	J21	2.3	0.477	0.172	0.0665	
960 minute summer	J21	23.003	J22	2.7	0.504	0.203	0.1411	
960 minute summer	J22	23.004	J23	3.1	0.533	0.232	0.0633	
960 minute summer	J23	23.005	S18	3.3	0.589	0.246	0.1321	
960 minute summer	J24	23.007	J25	5.5	0.443	0.181	0.2458	
960 minute summer	J25	23.008	J26	6.0	0.435	0.198	0.1975	
960 minute summer	J26	23.009	S19	6.4	0.436	0.210	0.1474	
960 minute summer	J27	23.011	S4	10.3	0.604	0.346	0.0951	
960 minute summer	J28	32.001	J29	2.4	0.620	0.402	0.0339	
960 minute summer	J29	32.002	S12	2.9	0.717	0.483	0.0186	
960 minute summer	J30	32.004	J31	6.0	0.698	0.454	0.0430	
960 minute summer	J31	32.005	J32	6.7	0.585	0.221	0.1107	
960 minute summer	J32	32.006	S13	7.3	0.857	0.242	0.0454	
960 minute summer	J33	32.008	S14	10.0	1.013	0.096	0.0909	
960 minute summer	J34	32.010	J35	12.5	1.073	0.324	0.1057	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J35	495	185.135	0.060	13.0	0.0680	0.0000	OK
960 minute summer	J36	495	184.971	0.096	13.6	0.1091	0.0000	OK
960 minute summer	J37	495	184.599	0.099	16.4	0.1117	0.0000	OK
960 minute summer	J38	495	184.431	0.131	19.2	0.1485	0.0000	OK
960 minute summer	J39	495	184.394	0.120	19.9	0.1359	0.0000	OK
960 minute summer	J40	495	184.365	0.099	20.4	0.1125	0.0000	OK
960 minute summer	J41	525	184.622	0.025	0.8	0.0279	0.0000	OK
960 minute summer	J42	510	184.572	0.035	1.4	0.0392	0.0000	OK
960 minute summer	J43	990	184.475	0.095	4.0	0.1077	0.0000	OK
960 minute summer	J44	990	184.475	0.105	4.5	0.1190	0.0000	OK
960 minute summer	J45	990	184.475	0.155	4.9	0.1756	0.0000	SURCHARGED
960 minute summer	J46	990	184.475	0.253	7.3	0.2864	0.0000	SURCHARGED
960 minute summer	J47	990	184.475	0.268	7.8	0.3034	0.0000	SURCHARGED
960 minute summer	J48	990	184.475	0.281	10.4	0.3181	0.0000	SURCHARGED
960 minute summer	J49	990	184.475	0.306	11.0	0.3464	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J35	32.011	J36	13.0	1.057	0.146	0.0850	
960 minute summer	J36	32.012	S15	13.6	1.041	0.453	0.0311	
960 minute summer	J37	32.014	S16	16.4	1.127	0.297	0.0768	
960 minute summer	J38	32.016	J39	19.2	0.688	0.356	0.3028	
960 minute summer	J39	32.017	J40	19.9	0.851	0.363	0.0854	
960 minute summer	J40	32.018	S10	20.4	1.060	0.204	0.1840	
960 minute summer	J41	48.002	J42	0.8	0.423	0.133	0.0121	
960 minute summer	J42	48.003	S21	1.4	0.607	0.242	0.0192	
960 minute summer	J43	48.005	J44	4.0	0.543	0.284	0.0201	
960 minute summer	J44	48.006	J45	4.4	0.591	0.333	0.1352	
960 minute summer	J45	48.007	S22	4.9	0.662	0.363	0.0419	
960 minute summer	J46	48.009	J47	7.3	0.386	0.238	0.1676	
960 minute summer	J47	48.010	S23	7.8	0.382	0.259	0.1050	
960 minute summer	J48	48.012	J49	10.4	0.485	0.346	0.2962	
960 minute summer	J49	48.013	J50	11.0	0.494	0.358	0.0451	

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J50	990	184.475	0.310	11.6	0.3509	0.0000	SURCHARGED
960 minute summer	J51	990	184.475	0.327	12.1	0.3702	0.0000	SURCHARGED
960 minute summer	J52	990	184.475	0.331	12.9	0.3747	0.0000	SURCHARGED
960 minute summer	J53	990	184.475	0.348	13.4	0.3939	0.0000	SURCHARGED
960 minute summer	J54	495	185.179	0.050	2.6	0.0569	0.0000	OK
960 minute summer	J55	495	185.142	0.048	3.2	0.0539	0.0000	OK
960 minute summer	J56	990	184.475	0.468	19.1	0.5296	0.0000	SURCHARGED
960 minute summer	J57	990	184.475	0.490	19.6	0.5545	0.0000	SURCHARGED
960 minute summer	BASIN 1	780	186.941	2.015	28.6	303.7703	0.0000	FLOOD RISK
960 minute summer	BASIN 2	645	184.858	0.558	5.1	56.5843	0.0000	OK
960 minute summer	BASIN 3	1200	184.068	0.967	30.1	615.9563	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	J50	48.014	J51	11.6	0.526	0.389	0.2018	
960 minute summer	J51	48.015	J52	12.1	0.561	0.394	0.0451	
960 minute summer	J52	48.016	J53	12.9	0.647	0.422	0.1938	
960 minute summer	J53	48.017	S24	13.3	0.762	0.443	0.4079	
960 minute summer	J54	65.002	J55	2.6	0.674	0.433	0.0139	
960 minute summer	J55	65.003	S24	3.2	0.898	0.420	0.0280	
960 minute summer	J56	48.019	J57	19.1	0.597	0.352	0.6398	
960 minute summer	J57	48.020	S25	19.6	0.637	0.358	0.4307	
960 minute summer	BASIN 1	1.023	S5	4.9	0.071	0.059	0.9418	
960 minute summer	BASIN 1	Infiltration		0.1				7.1
960 minute summer	BASIN 2	1.027	S7	5.0	0.627	0.060	0.1776	
960 minute summer	BASIN 2	71.000	BH1	1.1	0.533	0.181	0.1829	
960 minute summer	BASIN 2	Infiltration		0.0				0.0
960 minute summer	BASIN 3	1.034	BH2	5.7	0.516	0.047	1.8265	
960 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	BASIN 4	990	184.475	1.145	23.7	369.7423	0.0000	SURCHARGED
960 minute summer	SWALE 1	780	184.935	0.061	4.9	0.0879	0.0000	OK
960 minute summer	SWALE 2	645	184.436	0.061	5.0	0.0879	0.0000	OK
960 minute summer	SWALE 3	495	184.116	0.120	27.1	0.1724	0.0000	OK
960 minute summer	BH1	645	184.858	0.781	1.1	3.0659	0.0000	OK
960 minute summer	BH2	1200	184.068	0.984	5.7	6.4953	0.0000	OK
960 minute summer	BH3	990	184.475	1.156	0.8	7.0005	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	BASIN 4	48.022	BH3	0.8	0.366	0.016	0.3211	
960 minute summer	BASIN 4	Infiltration		0.0				0.0
960 minute summer	SWALE 1	1.025	S6	4.9	0.408	0.059	0.4553	
960 minute summer	SWALE 2	1.029	S8	5.0	0.599	0.060	0.2191	
960 minute summer	SWALE 3	1.033	BASIN 3	27.0	0.905	0.216	1.9528	
960 minute summer	BH1	Infiltration		0.1				6.2
960 minute summer	BH2	Infiltration		0.2				7.8
960 minute summer	BH3	Infiltration		0.2				12.1

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	480	188.393	0.023	1.0	0.0345	0.0000	OK
960 minute winter	S2	495	187.133	0.094	9.8	0.1684	0.0000	OK
960 minute winter	S3	780	186.950	0.813	33.3	1.0965	0.0000	SURCHARGED
960 minute winter	S4	780	186.950	1.572	25.4	2.0384	0.0000	SURCHARGED
960 minute winter	S5	780	186.949	2.039	4.9	2.9178	0.0000	FLOOD RISK
960 minute winter	S6	690	184.872	0.064	4.9	0.0915	0.0000	OK
960 minute winter	S7	690	184.792	0.033	5.0	0.0477	0.0000	OK
960 minute winter	S8	690	184.366	0.036	5.0	0.0511	0.0000	OK
960 minute winter	S9	510	184.193	0.068	5.0	0.0970	0.0000	OK
960 minute winter	S10	495	184.186	0.073	20.7	0.1361	0.0000	OK
960 minute winter	S11	495	186.434	0.034	1.3	0.0543	0.0000	OK
960 minute winter	S12	495	186.237	0.061	3.8	0.0919	0.0000	OK
960 minute winter	S13	510	186.034	0.041	6.6	0.0622	0.0000	OK
960 minute winter	S14	495	185.246	0.071	8.7	0.1151	0.0000	OK
960 minute winter	S15	495	184.923	0.056	11.3	0.0911	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S1	1.000	J1	1.0	0.480	0.115	0.0176	
960 minute winter	S2	1.012	J12	9.8	0.687	0.328	0.0213	
960 minute winter	S3	1.019	J18	12.3	0.966	0.230	0.3613	
960 minute winter	S4	1.022	BASIN 1	20.7	0.942	0.123	1.1778	
960 minute winter	S5	1.024	SWALE 1	4.9	0.413	0.059	0.2427	
960 minute winter	S6	1.026	BASIN 2	4.9	0.468	0.057	0.0689	
960 minute winter	S7	1.028	SWALE 2	5.0	0.622	0.016	0.1382	
960 minute winter	S8	1.030	S9	5.0	0.649	0.019	0.1111	
960 minute winter	S9	1.031	S10	5.0	0.683	0.060	0.0955	
960 minute winter	S10	1.032	SWALE 3	20.7	1.039	0.063	0.0875	
960 minute winter	S11	32.000	J28	1.3	0.534	0.219	0.0113	
960 minute winter	S12	32.003	J30	3.8	0.558	0.287	0.0349	
960 minute winter	S13	32.007	J33	6.6	1.372	0.067	0.0625	
960 minute winter	S14	32.009	J34	8.7	0.770	0.171	0.0591	
960 minute winter	S15	32.013	J37	11.3	1.522	0.123	0.0694	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	495	184.533	0.046	13.3	0.0714	0.0000	OK
960 minute winter	S17	780	186.951	0.801	1.6	1.3109	0.0000	FLOOD RISK
960 minute winter	S18	780	186.950	1.126	3.8	1.7037	0.0000	FLOOD RISK
960 minute winter	S19	780	186.950	1.184	6.7	1.7426	0.0000	SURCHARGED
960 minute winter	S20	540	184.664	0.022	0.6	0.0251	0.0000	OK
960 minute winter	S21	960	184.488	0.079	2.5	0.1062	0.0000	OK
960 minute winter	S22	960	184.488	0.257	5.1	0.3370	0.0000	SURCHARGED
960 minute winter	S23	960	184.488	0.290	7.2	0.3780	0.0000	SURCHARGED
960 minute winter	S24	960	184.488	0.471	13.9	0.6281	0.0000	SURCHARGED
960 minute winter	S25	960	184.488	0.518	15.6	0.7292	0.0000	SURCHARGED
960 minute winter	S26	495	185.403	0.026	1.5	0.0386	0.0000	OK
960 minute winter	FC1	510	188.506	0.256	0.5	0.3350	0.0000	SURCHARGED
960 minute winter	FC2	510	188.407	0.257	0.5	0.3363	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	S16	32.015	J38	13.3	0.925	0.042	0.0345	
960 minute winter	S17	23.001	J20	1.6	0.609	0.262	0.0560	
960 minute winter	S18	23.006	J24	3.8	0.414	0.120	0.0729	
960 minute winter	S19	23.010	J27	6.0	0.508	0.202	0.3541	
960 minute winter	S20	48.001	J41	0.6	0.476	0.101	0.0058	
960 minute winter	S21	48.004	J43	2.5	0.463	0.186	0.0585	
960 minute winter	S22	48.008	J46	5.1	0.396	0.162	0.0967	
960 minute winter	S23	48.011	J48	7.2	0.460	0.234	0.0447	
960 minute winter	S24	48.018	J56	13.9	0.534	0.260	0.2989	
960 minute winter	S25	48.021	BASIN 4	15.6	0.729	0.293	0.2710	
960 minute winter	S26	65.001	J54	1.5	0.644	0.142	0.0198	
960 minute winter	FC1	2.000	J1	0.5	0.257	0.079	0.0095	
960 minute winter	FC1	Infiltration		0.0				0.0
960 minute winter	FC2	3.000	J2	0.5	0.450	0.083	0.0050	
960 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC3	540	188.572	0.372	0.6	0.5108	0.0000	SURCHARGED
960 minute winter	FC4	495	188.355	0.155	0.4	0.1956	0.0000	SURCHARGED
960 minute winter	FC5	510	188.257	0.257	0.5	0.3364	0.0000	SURCHARGED
960 minute winter	FC6	495	188.004	0.154	0.4	0.1942	0.0000	SURCHARGED
960 minute winter	FC7	495	187.905	0.155	0.4	0.1960	0.0000	SURCHARGED
960 minute winter	FC8	510	188.003	0.253	0.5	0.3309	0.0000	SURCHARGED
960 minute winter	FC9	495	187.627	0.157	0.4	0.1977	0.0000	SURCHARGED
960 minute winter	FC10	540	187.842	0.372	0.6	0.5102	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC3	4.000	J3	0.6	0.498	0.096	0.0113	
960 minute winter	FC3	Infiltration		0.0				0.0
960 minute winter	FC4	5.000	J4	0.4	0.492	0.051	0.0056	
960 minute winter	FC4	Infiltration		0.0				0.0
960 minute winter	FC5	6.000	J5	0.5	0.449	0.083	0.0046	
960 minute winter	FC5	Infiltration		0.0				0.0
960 minute winter	FC6	7.000	J6	0.4	0.547	0.043	0.0051	
960 minute winter	FC6	Infiltration		0.0				0.0
960 minute winter	FC7	8.000	J7	0.4	0.476	0.053	0.0058	
960 minute winter	FC7	Infiltration		0.0				0.0
960 minute winter	FC8	9.000	J8	0.5	0.629	0.051	0.0033	
960 minute winter	FC8	Infiltration		0.0				0.0
960 minute winter	FC9	10.000	J9	0.4	0.420	0.063	0.0065	
960 minute winter	FC9	Infiltration		0.0				0.0
960 minute winter	FC10	11.000	J10	0.6	0.517	0.090	0.0072	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC11	510	187.577	0.257	0.5	0.3361	0.0000	SURCHARGED
960 minute winter	FC12	510	187.487	0.257	0.5	0.3361	0.0000	SURCHARGED
960 minute winter	FC13	510	187.257	0.257	0.5	0.3360	0.0000	SURCHARGED
960 minute winter	FC14	570	187.056	0.156	0.5	1.9897	0.0000	SURCHARGED
960 minute winter	FC15	495	187.351	0.151	0.4	0.1906	0.0000	SURCHARGED
960 minute winter	FC16	495	187.056	0.156	0.4	0.1971	0.0000	SURCHARGED
960 minute winter	FC17	495	187.152	0.152	0.4	0.1917	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC10	Infiltration		0.0				0.0
960 minute winter	FC11	12.000	J11	0.5	0.452	0.083	0.0084	
960 minute winter	FC11	Infiltration		0.0				0.0
960 minute winter	FC12	13.000	S2	0.5	0.452	0.083	0.0075	
960 minute winter	FC12	Infiltration		0.0				0.0
960 minute winter	FC13	14.000	J12	0.5	0.453	0.083	0.0074	
960 minute winter	FC13	Infiltration		0.0				0.0
960 minute winter	FC14	15.000	J13	0.4	0.419	0.063	0.0444	
960 minute winter	FC14	Infiltration		0.0				0.0
960 minute winter	FC15	16.000	J14	0.4	0.884	0.022	0.0188	
960 minute winter	FC15	Infiltration		0.0				0.0
960 minute winter	FC16	17.000	J15	0.4	0.438	0.060	0.0446	
960 minute winter	FC16	Infiltration		0.0				0.0
960 minute winter	FC17	18.000	J16	0.4	0.692	0.031	0.0197	
960 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC18	795	186.960	0.410	0.4	0.5175	0.0000	SURCHARGED
960 minute winter	FC19	690	186.966	0.565	0.5	0.7391	0.0000	SURCHARGED
960 minute winter	FC20	510	187.200	0.250	0.5	0.3264	0.0000	SURCHARGED
960 minute winter	FC21	840	186.958	0.658	0.5	1.3512	0.0000	SURCHARGED
960 minute winter	FC22	825	186.960	0.510	0.5	4.9386	0.0000	SURCHARGED
960 minute winter	FC23	825	186.959	0.659	0.4	1.1837	0.0000	SURCHARGED
960 minute winter	FC24	840	186.959	0.659	0.5	1.3500	0.0000	SURCHARGED
960 minute winter	FC25	690	186.966	0.415	0.5	0.5430	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC18	19.000	J17	0.4	0.417	0.064	0.0548	
960 minute winter	FC18	Infiltration		0.0				0.0
960 minute winter	FC19	20.000	S3	0.5	0.444	0.085	0.0517	
960 minute winter	FC19	Infiltration		0.0				0.0
960 minute winter	FC20	21.000	J18	0.5	0.904	0.031	0.0179	
960 minute winter	FC20	Infiltration		0.0				0.0
960 minute winter	FC21	22.000	J19	0.5	0.434	0.079	0.0599	
960 minute winter	FC21	Infiltration		0.0				0.0
960 minute winter	FC22	23.000	S17	0.3	0.222	0.019	0.0373	
960 minute winter	FC22	Infiltration		0.0				0.0
960 minute winter	FC23	24.000	J20	0.3	0.685	0.025	0.0359	
960 minute winter	FC23	Infiltration		0.0				0.0
960 minute winter	FC24	25.000	J21	0.5	0.763	0.034	0.0363	
960 minute winter	FC24	Infiltration		0.0				0.0
960 minute winter	FC25	26.000	J22	0.5	0.862	0.031	0.0370	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC26	825	186.959	0.509	0.5	5.1321	0.0000	SURCHARGED
960 minute winter	FC27	795	186.960	0.460	0.4	0.5806	0.0000	SURCHARGED
960 minute winter	FC28	690	186.965	0.465	0.5	0.6080	0.0000	SURCHARGED
960 minute winter	FC29	690	186.965	0.465	0.5	0.6080	0.0000	SURCHARGED
960 minute winter	FC30	510	187.000	0.250	0.5	0.3272	0.0000	SURCHARGED
960 minute winter	FC31	495	186.603	0.153	0.4	0.1937	0.0000	SURCHARGED
960 minute winter	FC32	495	186.601	0.151	0.4	0.1913	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC25	Infiltration		0.0				0.0
960 minute winter	FC26	27.000	J23	0.3	0.657	0.023	0.0361	
960 minute winter	FC26	Infiltration		0.0				0.0
960 minute winter	FC27	28.000	J24	0.4	0.957	0.018	0.0352	
960 minute winter	FC27	Infiltration		0.0				0.0
960 minute winter	FC28	29.000	J25	0.5	0.867	0.031	0.0341	
960 minute winter	FC28	Infiltration		0.0				0.0
960 minute winter	FC29	30.000	J26	0.5	0.843	0.032	0.0369	
960 minute winter	FC29	Infiltration		0.0				0.0
960 minute winter	FC30	31.000	J27	0.5	0.844	0.034	0.0345	
960 minute winter	FC30	Infiltration		0.0				0.0
960 minute winter	FC31	33.000	J28	0.4	0.239	0.042	0.0071	
960 minute winter	FC31	Infiltration		0.0				0.0
960 minute winter	FC32	34.000	J29	0.4	0.215	0.030	0.0078	
960 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC33	510	186.701	0.250	0.5	0.3274	0.0000	SURCHARGED
960 minute winter	FC34	510	186.707	0.257	0.5	0.3357	0.0000	SURCHARGED
960 minute winter	FC35	510	186.700	0.250	0.5	0.3273	0.0000	SURCHARGED
960 minute winter	FC36	510	186.700	0.250	0.5	0.3267	0.0000	SURCHARGED
960 minute winter	FC37	540	186.169	0.369	0.6	0.5064	0.0000	SURCHARGED
960 minute winter	FC38	585	185.547	0.096	0.4	1.1579	0.0000	OK
960 minute winter	FC39	495	185.601	0.151	0.4	0.1908	0.0000	SURCHARGED
960 minute winter	FC40	510	185.749	0.249	0.5	0.3252	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC33	35.000	S12	0.5	0.829	0.035	0.0025	
960 minute winter	FC33	Infiltration		0.0				0.0
960 minute winter	FC34	36.000	J30	0.5	0.463	0.080	0.0051	
960 minute winter	FC34	Infiltration		0.0				0.0
960 minute winter	FC35	37.000	J31	0.5	0.835	0.035	0.0030	
960 minute winter	FC35	Infiltration		0.0				0.0
960 minute winter	FC36	38.000	J32	0.5	0.875	0.032	0.0028	
960 minute winter	FC36	Infiltration		0.0				0.0
960 minute winter	FC37	39.000	J33	0.6	0.634	0.068	0.0062	
960 minute winter	FC37	Infiltration		0.0				0.0
960 minute winter	FC38	40.000	J34	0.3	0.655	0.024	0.0021	
960 minute winter	FC38	Infiltration		0.0				0.0
960 minute winter	FC39	41.000	J35	0.4	0.778	0.026	0.0022	
960 minute winter	FC39	Infiltration		0.0				0.0
960 minute winter	FC40	42.000	J36	0.5	1.027	0.026	0.0024	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC41	510	185.102	0.252	0.5	0.3300	0.0000	SURCHARGED
960 minute winter	FC42	510	184.854	0.254	0.5	0.3319	0.0000	SURCHARGED
960 minute winter	FC43	510	184.853	0.253	0.5	0.3301	0.0000	SURCHARGED
960 minute winter	FC44	495	184.614	0.014	0.4	0.0172	0.0000	OK
960 minute winter	FC45	495	184.752	0.151	0.4	0.1913	0.0000	SURCHARGED
960 minute winter	FC46	540	185.073	0.373	0.6	0.5117	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	510	185.050	0.250	0.5	0.3271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC40	Infiltration		0.0				0.0
960 minute winter	FC41	43.000	J37	0.5	0.673	0.047	0.0037	
960 minute winter	FC41	Infiltration		0.0				0.0
960 minute winter	FC42	44.000	J38	0.5	0.586	0.057	0.0041	
960 minute winter	FC42	Infiltration		0.0				0.0
960 minute winter	FC43	45.000	J39	0.5	0.665	0.047	0.0032	
960 minute winter	FC43	Infiltration		0.0				0.0
960 minute winter	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
960 minute winter	FC44	Infiltration		0.0				0.0
960 minute winter	FC45	47.000	S10	0.4	0.724	0.029	0.0024	
960 minute winter	FC45	Infiltration		0.0				0.0
960 minute winter	FC46	48.000	S20	0.6	0.468	0.101	0.0077	
960 minute winter	FC46	Infiltration		0.0				0.0
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0032	
960 minute winter	FC48	50.000	J42	0.5	0.401	0.035	0.0064	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC49	510	185.057	0.257	0.5	0.3363	0.0000	SURCHARGED
960 minute winter	FC50	510	185.057	0.257	0.5	0.3363	0.0000	SURCHARGED
960 minute winter	FC51	510	185.107	0.257	0.5	0.3361	0.0000	SURCHARGED
960 minute winter	FC52	510	185.503	0.253	0.5	0.3303	0.0000	SURCHARGED
960 minute winter	FC53	510	185.503	0.253	0.5	0.3312	0.0000	SURCHARGED
960 minute winter	FC54	495	185.403	0.153	0.4	0.1927	0.0000	SURCHARGED
960 minute winter	FC55	495	185.401	0.151	0.4	0.1907	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC48	Infiltration		0.0				0.0
960 minute winter	FC49	51.000	S21	0.5	0.449	0.083	0.0048	
960 minute winter	FC49	Infiltration		0.0				0.0
960 minute winter	FC50	52.000	J43	0.5	0.449	0.083	0.0051	
960 minute winter	FC50	Infiltration		0.0				0.0
960 minute winter	FC51	55.000	S22	0.5	0.451	0.083	0.0067	
960 minute winter	FC51	Infiltration		0.0				0.0
960 minute winter	FC52	58.000	S23	0.5	0.655	0.049	0.0041	
960 minute winter	FC52	Infiltration		0.0				0.0
960 minute winter	FC53	61.000	J50	0.5	0.616	0.053	0.0034	
960 minute winter	FC53	Infiltration		0.0				0.0
960 minute winter	FC54	62.000	J51	0.4	0.632	0.035	0.0024	
960 minute winter	FC54	Infiltration		0.0				0.0
960 minute winter	FC55	64.000	J53	0.4	0.795	0.025	0.0020	
960 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC56	495	185.501	0.151	0.4	0.1906	0.0000	SURCHARGED
960 minute winter	FC57	495	185.501	0.151	0.4	0.1909	0.0000	SURCHARGED
960 minute winter	FC58	495	185.501	0.151	0.4	0.1911	0.0000	SURCHARGED
960 minute winter	FC59	495	185.502	0.152	0.4	0.1917	0.0000	SURCHARGED
960 minute winter	FC60	510	185.602	0.252	0.5	0.3288	0.0000	SURCHARGED
960 minute winter	FC61	510	185.554	0.254	0.5	0.3317	0.0000	SURCHARGED
960 minute winter	FC62	540	185.620	0.370	0.6	0.5080	0.0000	SURCHARGED
960 minute winter	FC63	495	185.556	0.156	0.4	0.1974	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC56	53.000	J44	0.4	0.820	0.024	0.0030	
960 minute winter	FC56	Infiltration		0.0				0.0
960 minute winter	FC57	54.000	J45	0.4	0.769	0.027	0.0032	
960 minute winter	FC57	Infiltration		0.0				0.0
960 minute winter	FC58	56.000	J46	0.4	0.739	0.028	0.0032	
960 minute winter	FC58	Infiltration		0.0				0.0
960 minute winter	FC59	57.000	J47	0.4	0.686	0.031	0.0035	
960 minute winter	FC59	Infiltration		0.0				0.0
960 minute winter	FC60	59.000	J48	0.5	0.735	0.042	0.0044	
960 minute winter	FC60	Infiltration		0.0				0.0
960 minute winter	FC61	60.000	J49	0.5	0.590	0.057	0.0062	
960 minute winter	FC61	Infiltration		0.0				0.0
960 minute winter	FC62	63.000	J52	0.6	0.575	0.078	0.0098	
960 minute winter	FC62	Infiltration		0.0				0.0
960 minute winter	FC63	65.000	S26	0.4	0.308	0.064	0.0030	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC64	495	185.309	0.159	0.4	0.2008	0.0000	SURCHARGED
960 minute winter	FC65	510	185.403	0.253	0.5	0.3303	0.0000	SURCHARGED
960 minute winter	FC66	510	185.256	0.256	0.5	0.3346	0.0000	SURCHARGED
960 minute winter	FC67	585	184.903	0.103	0.4	1.0617	0.0000	SURCHARGED
960 minute winter	FC68	495	184.704	0.154	0.4	0.1944	0.0000	SURCHARGED
960 minute winter	J1	510	188.240	0.040	2.5	0.0604	0.0000	OK
960 minute winter	J2	510	188.114	0.058	3.0	0.0656	0.0000	OK
960 minute winter	J3	510	188.103	0.053	3.6	0.0604	0.0000	OK
960 minute winter	J4	510	188.077	0.038	3.9	0.0425	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	FC63	Infiltration		0.0				0.0
960 minute winter	FC64	66.000	J54	0.4	0.193	0.064	0.0046	
960 minute winter	FC64	Infiltration		0.0				0.0
960 minute winter	FC65	67.000	J55	0.5	0.289	0.051	0.0040	
960 minute winter	FC65	Infiltration		0.0				0.0
960 minute winter	FC66	68.000	S24	0.5	0.504	0.068	0.0021	
960 minute winter	FC66	Infiltration		0.0				0.0
960 minute winter	FC67	69.000	J56	0.3	0.382	0.051	0.0016	
960 minute winter	FC67	Infiltration		0.0				0.0
960 minute winter	FC68	70.000	J57	0.4	0.549	0.042	0.0016	
960 minute winter	FC68	Infiltration		0.0				0.0
960 minute winter	J1	1.001	J2	2.5	0.886	0.300	0.0141	
960 minute winter	J2	1.002	J3	3.0	0.502	0.222	0.0062	
960 minute winter	J3	1.003	J4	3.6	0.794	0.269	0.0088	
960 minute winter	J4	1.004	J5	3.9	1.212	0.115	0.0115	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J5	510	187.945	0.035	4.4	0.0390	0.0000	OK
960 minute winter	J6	495	187.699	0.049	4.8	0.0551	0.0000	OK
960 minute winter	J7	510	187.585	0.060	5.2	0.0679	0.0000	OK
960 minute winter	J8	495	187.559	0.038	5.5	0.0434	0.0000	OK
960 minute winter	J9	495	187.339	0.064	6.0	0.0726	0.0000	OK
960 minute winter	J10	495	187.307	0.037	6.6	0.0421	0.0000	OK
960 minute winter	J11	510	187.173	0.052	7.1	0.0593	0.0000	OK
960 minute winter	J12	780	186.950	0.141	10.3	0.1596	0.0000	OK
960 minute winter	J13	780	186.950	0.323	10.6	0.3654	0.0000	SURCHARGED
960 minute winter	J14	780	186.950	0.328	11.0	0.3710	0.0000	SURCHARGED
960 minute winter	J15	780	186.950	0.333	11.4	0.3766	0.0000	SURCHARGED
960 minute winter	J16	780	186.950	0.345	11.7	0.3901	0.0000	SURCHARGED
960 minute winter	J17	780	186.950	0.667	12.1	0.7542	0.0000	SURCHARGED
960 minute winter	J18	780	186.950	0.825	12.7	0.9328	0.0000	SURCHARGED
960 minute winter	J19	780	186.950	0.923	22.7	1.0436	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J5	1.005	J6	4.4	1.114	0.116	0.0227	
960 minute winter	J6	1.006	J7	4.8	1.074	0.169	0.0088	
960 minute winter	J7	1.007	J8	5.0	0.830	0.164	0.0073	
960 minute winter	J8	1.008	J9	5.7	0.834	0.064	0.0584	
960 minute winter	J9	1.009	J10	6.0	0.903	0.181	0.0082	
960 minute winter	J10	1.010	J11	6.6	1.184	0.051	0.0138	
960 minute winter	J11	1.011	S2	7.1	0.636	0.110	0.0609	
960 minute winter	J12	1.013	J13	10.3	1.157	0.153	0.2134	
960 minute winter	J13	1.014	J14	10.6	0.511	0.187	0.1335	
960 minute winter	J14	1.015	J15	11.0	0.598	0.195	0.1349	
960 minute winter	J15	1.016	J16	11.4	0.801	0.213	0.3610	
960 minute winter	J16	1.017	J17	11.7	1.116	0.082	0.2366	
960 minute winter	J17	1.018	S3	31.9	0.975	0.103	0.1328	
960 minute winter	J18	1.020	J19	22.2	0.843	0.078	0.1049	
960 minute winter	J19	1.021	S4	15.9	0.680	0.288	0.3096	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J20	780	186.950	0.919	1.9	1.0399	0.0000	FLOOD RISK
960 minute winter	J21	780	186.950	0.941	2.1	1.0647	0.0000	FLOOD RISK
960 minute winter	J22	780	186.950	0.987	2.5	1.1166	0.0000	FLOOD RISK
960 minute winter	J23	780	186.950	1.008	2.6	1.1403	0.0000	FLOOD RISK
960 minute winter	J24	780	186.950	1.133	4.2	1.2814	0.0000	FLOOD RISK
960 minute winter	J25	780	186.950	1.154	4.5	1.3051	0.0000	FLOOD RISK
960 minute winter	J26	780	186.950	1.171	4.7	1.3243	0.0000	FLOOD RISK
960 minute winter	J27	780	186.950	1.214	6.5	1.3727	0.0000	SURCHARGED
960 minute winter	J28	495	186.393	0.037	1.7	0.0421	0.0000	OK
960 minute winter	J29	495	186.314	0.043	2.1	0.0489	0.0000	OK
960 minute winter	J30	495	186.210	0.063	4.3	0.0716	0.0000	OK
960 minute winter	J31	495	186.108	0.064	4.8	0.0721	0.0000	OK
960 minute winter	J32	510	186.073	0.062	5.3	0.0697	0.0000	OK
960 minute winter	J33	510	185.575	0.040	7.2	0.0452	0.0000	OK
960 minute winter	J34	495	185.201	0.076	9.0	0.0861	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J20	23.002	J21	1.7	0.466	0.129	0.0665	
960 minute winter	J21	23.003	J22	2.1	0.473	0.159	0.1411	
960 minute winter	J22	23.004	J23	2.4	0.507	0.175	0.0633	
960 minute winter	J23	23.005	S18	2.6	0.560	0.193	0.1321	
960 minute winter	J24	23.007	J25	4.0	0.430	0.132	0.2458	
960 minute winter	J25	23.008	J26	4.2	0.424	0.140	0.1975	
960 minute winter	J26	23.009	S19	5.4	0.425	0.177	0.1474	
960 minute winter	J27	23.011	S4	8.6	0.579	0.287	0.0951	
960 minute winter	J28	32.001	J29	1.7	0.569	0.283	0.0260	
960 minute winter	J29	32.002	S12	2.1	0.661	0.346	0.0145	
960 minute winter	J30	32.004	J31	4.3	0.643	0.326	0.0334	
960 minute winter	J31	32.005	J32	4.8	0.533	0.160	0.0878	
960 minute winter	J32	32.006	S13	5.3	0.783	0.176	0.0362	
960 minute winter	J33	32.008	S14	7.2	0.951	0.069	0.0702	
960 minute winter	J34	32.010	J35	9.0	0.989	0.232	0.0825	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J35	495	185.125	0.050	9.3	0.0561	0.0000	OK
960 minute winter	J36	495	184.956	0.081	9.8	0.0919	0.0000	OK
960 minute winter	J37	495	184.584	0.084	11.8	0.0948	0.0000	OK
960 minute winter	J38	495	184.409	0.109	13.8	0.1233	0.0000	OK
960 minute winter	J39	495	184.374	0.100	14.3	0.1135	0.0000	OK
960 minute winter	J40	495	184.348	0.083	14.7	0.0940	0.0000	OK
960 minute winter	J41	540	184.618	0.021	0.6	0.0243	0.0000	OK
960 minute winter	J42	510	184.567	0.030	1.1	0.0339	0.0000	OK
960 minute winter	J43	960	184.488	0.108	3.0	0.1219	0.0000	OK
960 minute winter	J44	960	184.488	0.118	3.3	0.1333	0.0000	OK
960 minute winter	J45	960	184.488	0.168	3.7	0.1898	0.0000	SURCHARGED
960 minute winter	J46	960	184.488	0.266	5.5	0.3007	0.0000	SURCHARGED
960 minute winter	J47	960	184.488	0.281	5.8	0.3176	0.0000	SURCHARGED
960 minute winter	J48	960	184.488	0.294	7.7	0.3323	0.0000	SURCHARGED
960 minute winter	J49	960	184.488	0.319	8.2	0.3606	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J35	32.011	J36	9.3	0.975	0.105	0.0666	
960 minute winter	J36	32.012	S15	9.8	0.957	0.327	0.0245	
960 minute winter	J37	32.014	S16	11.8	1.057	0.214	0.0591	
960 minute winter	J38	32.016	J39	13.8	0.630	0.255	0.2367	
960 minute winter	J39	32.017	J40	14.3	0.782	0.261	0.0668	
960 minute winter	J40	32.018	S10	14.7	0.972	0.147	0.1443	
960 minute winter	J41	48.002	J42	0.6	0.386	0.101	0.0099	
960 minute winter	J42	48.003	S21	1.1	0.564	0.184	0.0158	
960 minute winter	J43	48.005	J44	3.0	0.512	0.213	0.0228	
960 minute winter	J44	48.006	J45	3.3	0.553	0.249	0.1424	
960 minute winter	J45	48.007	S22	3.7	0.615	0.272	0.0419	
960 minute winter	J46	48.009	J47	5.4	0.382	0.177	0.1676	
960 minute winter	J47	48.010	S23	5.8	0.371	0.193	0.1050	
960 minute winter	J48	48.012	J49	7.7	0.463	0.257	0.2962	
960 minute winter	J49	48.013	J50	8.2	0.466	0.267	0.0451	

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J50	960	184.488	0.323	8.7	0.3651	0.0000	SURCHARGED
960 minute winter	J51	960	184.488	0.340	9.0	0.3844	0.0000	SURCHARGED
960 minute winter	J52	960	184.488	0.344	9.6	0.3889	0.0000	SURCHARGED
960 minute winter	J53	960	184.488	0.361	10.0	0.4081	0.0000	SURCHARGED
960 minute winter	J54	495	185.170	0.041	1.9	0.0468	0.0000	OK
960 minute winter	J55	495	185.134	0.040	2.3	0.0449	0.0000	OK
960 minute winter	J56	960	184.488	0.481	14.2	0.5439	0.0000	SURCHARGED
960 minute winter	J57	960	184.488	0.503	14.6	0.5688	0.0000	SURCHARGED
960 minute winter	BASIN 1	780	186.949	2.024	21.3	305.5457	0.0000	FLOOD RISK
960 minute winter	BASIN 2	690	184.858	0.558	5.1	56.5947	0.0000	OK
960 minute winter	BASIN 3	1200	184.073	0.973	23.0	618.6799	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	J50	48.014	J51	8.7	0.494	0.290	0.2018	
960 minute winter	J51	48.015	J52	9.0	0.523	0.295	0.0451	
960 minute winter	J52	48.016	J53	9.6	0.602	0.316	0.1938	
960 minute winter	J53	48.017	S24	10.0	0.703	0.331	0.4079	
960 minute winter	J54	65.002	J55	1.9	0.621	0.313	0.0108	
960 minute winter	J55	65.003	S24	2.3	0.830	0.307	0.0221	
960 minute winter	J56	48.019	J57	14.2	0.556	0.261	0.6398	
960 minute winter	J57	48.020	S25	14.5	0.588	0.266	0.4307	
960 minute winter	BASIN 1	1.023	S5	4.9	0.180	0.059	0.9418	
960 minute winter	BASIN 1	Infiltration		0.1				7.0
960 minute winter	BASIN 2	1.027	S7	5.0	0.627	0.060	0.1780	
960 minute winter	BASIN 2	71.000	BH1	1.1	0.528	0.189	0.1829	
960 minute winter	BASIN 2	Infiltration		0.0				0.0
960 minute winter	BASIN 3	1.034	BH2	1.5	0.468	0.012	1.8265	
960 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	BASIN 4	960	184.488	1.158	17.2	374.3721	0.0000	SURCHARGED
960 minute winter	SWALE 1	795	184.936	0.061	4.9	0.0880	0.0000	OK
960 minute winter	SWALE 2	690	184.437	0.062	5.0	0.0881	0.0000	OK
960 minute winter	SWALE 3	495	184.100	0.105	20.7	0.1495	0.0000	OK
960 minute winter	BH1	690	184.858	0.781	1.1	3.0662	0.0000	OK
960 minute winter	BH2	1200	184.073	0.990	1.5	6.5232	0.0000	OK
960 minute winter	BH3	960	184.488	1.169	1.2	7.0592	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute winter	BASIN 4	48.022	BH3	1.2	0.417	0.022	0.3211	
960 minute winter	BASIN 4	Infiltration		0.0				0.0
960 minute winter	SWALE 1	1.025	S6	4.9	0.408	0.060	0.4560	
960 minute winter	SWALE 2	1.029	S8	5.0	0.600	0.060	0.2196	
960 minute winter	SWALE 3	1.033	BASIN 3	20.7	0.841	0.165	2.0324	
960 minute winter	BH1	Infiltration		0.1				6.1
960 minute winter	BH2	Infiltration		0.2				7.8
960 minute winter	BH3	Infiltration		0.2				12.1

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.394	0.024	1.1	0.0362	0.0000	OK
1440 minute summer	S2	750	187.137	0.098	10.5	0.1752	0.0000	OK
1440 minute summer	S3	1020	186.956	0.818	13.9	1.1041	0.0000	SURCHARGED
1440 minute summer	S4	1020	186.955	1.577	26.2	2.0457	0.0000	SURCHARGED
1440 minute summer	S5	1020	186.955	2.045	4.9	2.9259	0.0000	FLOOD RISK
1440 minute summer	S6	1050	184.872	0.064	4.9	0.0916	0.0000	OK
1440 minute summer	S7	930	184.792	0.033	5.0	0.0477	0.0000	OK
1440 minute summer	S8	930	184.366	0.036	5.0	0.0511	0.0000	OK
1440 minute summer	S9	1680	184.340	0.215	5.0	0.3078	0.0000	OK
1440 minute summer	S10	1680	184.336	0.223	23.7	0.4147	0.0000	OK
1440 minute summer	S11	750	186.437	0.036	1.5	0.0589	0.0000	OK
1440 minute summer	S12	750	186.241	0.065	4.3	0.0980	0.0000	OK
1440 minute summer	S13	750	186.036	0.043	7.2	0.0652	0.0000	OK
1440 minute summer	S14	750	185.250	0.075	9.6	0.1221	0.0000	OK
1440 minute summer	S15	750	184.926	0.059	12.5	0.0960	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S1	1.000	J1	1.1	0.493	0.126	0.0187	
1440 minute summer	S2	1.012	J12	10.5	0.702	0.353	0.0224	
1440 minute summer	S3	1.019	J18	20.6	0.936	0.386	0.3613	
1440 minute summer	S4	1.022	BASIN 1	22.7	0.825	0.136	1.1778	
1440 minute summer	S5	1.024	SWALE 1	4.9	0.413	0.059	0.2429	
1440 minute summer	S6	1.026	BASIN 2	4.9	0.430	0.057	0.0689	
1440 minute summer	S7	1.028	SWALE 2	5.0	0.622	0.016	0.1382	
1440 minute summer	S8	1.030	S9	5.0	0.646	0.019	0.4215	
1440 minute summer	S9	1.031	S10	9.6	0.626	0.115	0.4467	
1440 minute summer	S10	1.032	SWALE 3	22.6	1.057	0.069	0.3811	
1440 minute summer	S11	32.000	J28	1.5	0.550	0.252	0.0125	
1440 minute summer	S12	32.003	J30	4.3	0.574	0.320	0.0378	
1440 minute summer	S13	32.007	J33	7.2	1.408	0.074	0.0669	
1440 minute summer	S14	32.009	J34	9.6	0.790	0.189	0.0637	
1440 minute summer	S15	32.013	J37	12.5	1.561	0.135	0.0746	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.536	0.049	14.7	0.0763	0.0000	OK
1440 minute summer	S17	1020	186.956	0.806	1.8	1.3201	0.0000	FLOOD RISK
1440 minute summer	S18	1020	186.956	1.132	4.0	1.7122	0.0000	FLOOD RISK
1440 minute summer	S19	1020	186.955	1.189	6.3	1.7509	0.0000	FLOOD RISK
1440 minute summer	S20	750	184.666	0.023	0.7	0.0266	0.0000	OK
1440 minute summer	S21	1470	184.579	0.170	2.6	0.2284	0.0000	SURCHARGED
1440 minute summer	S22	1470	184.579	0.348	5.4	0.4560	0.0000	SURCHARGED
1440 minute summer	S23	1470	184.579	0.381	7.7	0.4963	0.0000	SURCHARGED
1440 minute summer	S24	1470	184.579	0.562	14.7	0.7492	0.0000	SURCHARGED
1440 minute summer	S25	1470	184.579	0.609	16.6	0.8569	0.0000	SURCHARGED
1440 minute summer	S26	750	185.404	0.027	1.6	0.0402	0.0000	OK
1440 minute summer	FC1	750	188.502	0.252	0.5	0.3297	0.0000	SURCHARGED
1440 minute summer	FC2	750	188.403	0.253	0.5	0.3309	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	S16	32.015	J38	14.7	0.944	0.046	0.0372	
1440 minute summer	S17	23.001	J20	1.6	0.619	0.264	0.0560	
1440 minute summer	S18	23.006	J24	3.8	0.406	0.119	0.0729	
1440 minute summer	S19	23.010	J27	6.7	0.493	0.224	0.3541	
1440 minute summer	S20	48.001	J41	0.7	0.491	0.112	0.0063	
1440 minute summer	S21	48.004	J43	2.6	0.470	0.198	0.0898	
1440 minute summer	S22	48.008	J46	5.4	0.394	0.172	0.0967	
1440 minute summer	S23	48.011	J48	7.7	0.465	0.249	0.0447	
1440 minute summer	S24	48.018	J56	14.7	0.541	0.276	0.2989	
1440 minute summer	S25	48.021	BASIN 4	16.6	0.743	0.312	0.2710	
1440 minute summer	S26	65.001	J54	1.6	0.659	0.154	0.0209	
1440 minute summer	FC1	2.000	J1	0.5	0.250	0.079	0.0099	
1440 minute summer	FC1	Infiltration		0.0				0.0
1440 minute summer	FC2	3.000	J2	0.5	0.449	0.082	0.0049	
1440 minute summer	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC3	750	188.662	0.462	0.7	0.6348	0.0000	SURCHARGED
1440 minute summer	FC4	750	188.368	0.168	0.4	0.2116	0.0000	SURCHARGED
1440 minute summer	FC5	750	188.253	0.253	0.5	0.3310	0.0000	SURCHARGED
1440 minute summer	FC6	750	188.016	0.166	0.4	0.2101	0.0000	SURCHARGED
1440 minute summer	FC7	750	187.918	0.168	0.4	0.2120	0.0000	SURCHARGED
1440 minute summer	FC8	750	187.999	0.249	0.5	0.3257	0.0000	SURCHARGED
1440 minute summer	FC9	750	187.639	0.169	0.4	0.2138	0.0000	SURCHARGED
1440 minute summer	FC10	750	187.932	0.462	0.7	0.6342	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC3	4.000	J3	0.7	0.514	0.107	0.0122	
1440 minute summer	FC3	Infiltration		0.0				0.0
1440 minute summer	FC4	5.000	J4	0.4	0.498	0.053	0.0058	
1440 minute summer	FC4	Infiltration		0.0				0.0
1440 minute summer	FC5	6.000	J5	0.5	0.448	0.082	0.0045	
1440 minute summer	FC5	Infiltration		0.0				0.0
1440 minute summer	FC6	7.000	J6	0.4	0.554	0.045	0.0052	
1440 minute summer	FC6	Infiltration		0.0				0.0
1440 minute summer	FC7	8.000	J7	0.4	0.481	0.055	0.0059	
1440 minute summer	FC7	Infiltration		0.0				0.0
1440 minute summer	FC8	9.000	J8	0.5	0.627	0.051	0.0033	
1440 minute summer	FC8	Infiltration		0.0				0.0
1440 minute summer	FC9	10.000	J9	0.4	0.425	0.066	0.0067	
1440 minute summer	FC9	Infiltration		0.0				0.0
1440 minute summer	FC10	11.000	J10	0.7	0.534	0.101	0.0078	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC11	750	187.573	0.253	0.5	0.3307	0.0000	SURCHARGED
1440 minute summer	FC12	750	187.483	0.253	0.5	0.3308	0.0000	SURCHARGED
1440 minute summer	FC13	750	187.253	0.253	0.5	0.3307	0.0000	SURCHARGED
1440 minute summer	FC14	810	187.052	0.152	0.5	1.9455	0.0000	SURCHARGED
1440 minute summer	FC15	750	187.363	0.163	0.4	0.2058	0.0000	SURCHARGED
1440 minute summer	FC16	750	187.069	0.169	0.4	0.2132	0.0000	SURCHARGED
1440 minute summer	FC17	750	187.164	0.164	0.4	0.2075	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC10	Infiltration		0.0				0.0
1440 minute summer	FC11	12.000	J11	0.5	0.451	0.083	0.0084	
1440 minute summer	FC11	Infiltration		0.0				0.0
1440 minute summer	FC12	13.000	S2	0.5	0.450	0.083	0.0075	
1440 minute summer	FC12	Infiltration		0.0				0.0
1440 minute summer	FC13	14.000	J12	0.5	0.452	0.082	0.0074	
1440 minute summer	FC13	Infiltration		0.0				0.0
1440 minute summer	FC14	15.000	J13	0.4	0.418	0.063	0.0465	
1440 minute summer	FC14	Infiltration		0.0				0.0
1440 minute summer	FC15	16.000	J14	0.4	0.895	0.023	0.0187	
1440 minute summer	FC15	Infiltration		0.0				0.0
1440 minute summer	FC16	17.000	J15	0.4	0.444	0.062	0.0467	
1440 minute summer	FC16	Infiltration		0.0				0.0
1440 minute summer	FC17	18.000	J16	0.4	0.701	0.032	0.0194	
1440 minute summer	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC18	1050	186.965	0.415	0.4	0.5244	0.0000	SURCHARGED
1440 minute summer	FC19	930	186.966	0.566	0.5	0.7393	0.0000	SURCHARGED
1440 minute summer	FC20	750	187.196	0.246	0.5	0.3212	0.0000	SURCHARGED
1440 minute summer	FC21	1080	186.964	0.664	0.5	1.4291	0.0000	SURCHARGED
1440 minute summer	FC22	1080	186.965	0.515	0.5	4.9926	0.0000	SURCHARGED
1440 minute summer	FC23	1080	186.965	0.665	0.4	1.2402	0.0000	SURCHARGED
1440 minute summer	FC24	1080	186.964	0.664	0.5	1.4266	0.0000	SURCHARGED
1440 minute summer	FC25	930	186.966	0.416	0.5	0.5432	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC18	19.000	J17	0.4	0.423	0.067	0.0548	
1440 minute summer	FC18	Infiltration		0.0				0.0
1440 minute summer	FC19	20.000	S3	0.4	0.438	0.076	0.0517	
1440 minute summer	FC19	Infiltration		0.0				0.0
1440 minute summer	FC20	21.000	J18	0.5	0.902	0.030	0.0178	
1440 minute summer	FC20	Infiltration		0.0				0.0
1440 minute summer	FC21	22.000	J19	0.5	0.423	0.078	0.0599	
1440 minute summer	FC21	Infiltration		0.0				0.0
1440 minute summer	FC22	23.000	S17	0.3	0.220	0.018	0.0373	
1440 minute summer	FC22	Infiltration		0.0				0.0
1440 minute summer	FC23	24.000	J20	0.4	0.684	0.027	0.0359	
1440 minute summer	FC23	Infiltration		0.0				0.0
1440 minute summer	FC24	25.000	J21	0.4	0.742	0.032	0.0363	
1440 minute summer	FC24	Infiltration		0.0				0.0
1440 minute summer	FC25	26.000	J22	0.5	0.840	0.031	0.0370	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC26	1080	186.965	0.515	0.5	5.1884	0.0000	SURCHARGED
1440 minute summer	FC27	1020	186.965	0.465	0.4	0.5876	0.0000	SURCHARGED
1440 minute summer	FC28	930	186.965	0.465	0.5	0.6083	0.0000	SURCHARGED
1440 minute summer	FC29	930	186.965	0.465	0.5	0.6082	0.0000	SURCHARGED
1440 minute summer	FC30	750	186.996	0.246	0.5	0.3220	0.0000	SURCHARGED
1440 minute summer	FC31	750	186.616	0.166	0.4	0.2095	0.0000	SURCHARGED
1440 minute summer	FC32	750	186.614	0.164	0.4	0.2070	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC25	Infiltration		0.0				0.0
1440 minute summer	FC26	27.000	J23	0.3	0.637	0.023	0.0361	
1440 minute summer	FC26	Infiltration		0.0				0.0
1440 minute summer	FC27	28.000	J24	0.4	0.926	0.018	0.0352	
1440 minute summer	FC27	Infiltration		0.0				0.0
1440 minute summer	FC28	29.000	J25	0.5	0.845	0.031	0.0341	
1440 minute summer	FC28	Infiltration		0.0				0.0
1440 minute summer	FC29	30.000	J26	0.5	0.822	0.032	0.0369	
1440 minute summer	FC29	Infiltration		0.0				0.0
1440 minute summer	FC30	31.000	J27	0.5	0.841	0.034	0.0345	
1440 minute summer	FC30	Infiltration		0.0				0.0
1440 minute summer	FC31	33.000	J28	0.4	0.231	0.044	0.0077	
1440 minute summer	FC31	Infiltration		0.0				0.0
1440 minute summer	FC32	34.000	J29	0.4	0.208	0.031	0.0084	
1440 minute summer	FC32	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC33	750	186.696	0.246	0.5	0.3219	0.0000	SURCHARGED
1440 minute summer	FC34	750	186.703	0.253	0.5	0.3304	0.0000	SURCHARGED
1440 minute summer	FC35	750	186.696	0.246	0.5	0.3221	0.0000	SURCHARGED
1440 minute summer	FC36	750	186.696	0.246	0.5	0.3215	0.0000	SURCHARGED
1440 minute summer	FC37	750	186.259	0.459	0.7	0.6303	0.0000	SURCHARGED
1440 minute summer	FC38	780	185.553	0.103	0.4	1.2304	0.0000	SURCHARGED
1440 minute summer	FC39	750	185.613	0.163	0.4	0.2064	0.0000	SURCHARGED
1440 minute summer	FC40	750	185.745	0.245	0.5	0.3201	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC33	35.000	S12	0.5	0.807	0.034	0.0027	
1440 minute summer	FC33	Infiltration		0.0				0.0
1440 minute summer	FC34	36.000	J30	0.5	0.462	0.079	0.0050	
1440 minute summer	FC34	Infiltration		0.0				0.0
1440 minute summer	FC35	37.000	J31	0.5	0.833	0.034	0.0030	
1440 minute summer	FC35	Infiltration		0.0				0.0
1440 minute summer	FC36	38.000	J32	0.5	0.872	0.032	0.0028	
1440 minute summer	FC36	Infiltration		0.0				0.0
1440 minute summer	FC37	39.000	J33	0.7	0.655	0.076	0.0067	
1440 minute summer	FC37	Infiltration		0.0				0.0
1440 minute summer	FC38	40.000	J34	0.3	0.662	0.024	0.0022	
1440 minute summer	FC38	Infiltration		0.0				0.0
1440 minute summer	FC39	41.000	J35	0.4	0.787	0.027	0.0022	
1440 minute summer	FC39	Infiltration		0.0				0.0
1440 minute summer	FC40	42.000	J36	0.5	1.024	0.025	0.0024	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC41	750	185.098	0.248	0.5	0.3247	0.0000	SURCHARGED
1440 minute summer	FC42	750	184.850	0.250	0.5	0.3266	0.0000	SURCHARGED
1440 minute summer	FC43	750	184.849	0.249	0.5	0.3249	0.0000	SURCHARGED
1440 minute summer	FC44	750	184.614	0.014	0.4	0.0172	0.0000	OK
1440 minute summer	FC45	750	184.764	0.164	0.4	0.2070	0.0000	SURCHARGED
1440 minute summer	FC46	750	185.163	0.463	0.7	0.6358	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	750	185.046	0.246	0.5	0.3219	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC40	Infiltration		0.0				0.0
1440 minute summer	FC41	43.000	J37	0.5	0.671	0.047	0.0037	
1440 minute summer	FC41	Infiltration		0.0				0.0
1440 minute summer	FC42	44.000	J38	0.5	0.584	0.057	0.0041	
1440 minute summer	FC42	Infiltration		0.0				0.0
1440 minute summer	FC43	45.000	J39	0.5	0.664	0.047	0.0032	
1440 minute summer	FC43	Infiltration		0.0				0.0
1440 minute summer	FC44	46.000	J40	0.4	0.639	0.038	0.0027	
1440 minute summer	FC44	Infiltration		0.0				0.0
1440 minute summer	FC45	47.000	S10	0.4	0.733	0.030	0.0025	
1440 minute summer	FC45	Infiltration		0.0				0.0
1440 minute summer	FC46	48.000	S20	0.7	0.482	0.113	0.0083	
1440 minute summer	FC46	Infiltration		0.0				0.0
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0035	
1440 minute summer	FC48	50.000	J42	0.5	0.386	0.035	0.0077	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC49	750	185.053	0.253	0.5	0.3310	0.0000	SURCHARGED
1440 minute summer	FC50	750	185.053	0.253	0.5	0.3310	0.0000	SURCHARGED
1440 minute summer	FC51	750	185.103	0.253	0.5	0.3308	0.0000	SURCHARGED
1440 minute summer	FC52	750	185.499	0.249	0.5	0.3251	0.0000	SURCHARGED
1440 minute summer	FC53	750	185.499	0.249	0.5	0.3260	0.0000	SURCHARGED
1440 minute summer	FC54	750	185.415	0.165	0.4	0.2085	0.0000	SURCHARGED
1440 minute summer	FC55	750	185.413	0.163	0.4	0.2062	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC48	Infiltration		0.0				0.0
1440 minute summer	FC49	51.000	S21	0.5	0.448	0.082	0.0048	
1440 minute summer	FC49	Infiltration		0.0				0.0
1440 minute summer	FC50	52.000	J43	0.5	0.448	0.082	0.0051	
1440 minute summer	FC50	Infiltration		0.0				0.0
1440 minute summer	FC51	55.000	S22	0.5	0.450	0.083	0.0067	
1440 minute summer	FC51	Infiltration		0.0				0.0
1440 minute summer	FC52	58.000	S23	0.5	0.653	0.048	0.0041	
1440 minute summer	FC52	Infiltration		0.0				0.0
1440 minute summer	FC53	61.000	J50	0.5	0.614	0.053	0.0034	
1440 minute summer	FC53	Infiltration		0.0				0.0
1440 minute summer	FC54	62.000	J51	0.4	0.640	0.037	0.0024	
1440 minute summer	FC54	Infiltration		0.0				0.0
1440 minute summer	FC55	64.000	J53	0.4	0.805	0.026	0.0020	
1440 minute summer	FC55	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC56	750	185.513	0.163	0.4	0.2059	0.0000	SURCHARGED
1440 minute summer	FC57	750	185.513	0.163	0.4	0.2064	0.0000	SURCHARGED
1440 minute summer	FC58	750	185.514	0.164	0.4	0.2068	0.0000	SURCHARGED
1440 minute summer	FC59	750	185.514	0.164	0.4	0.2075	0.0000	SURCHARGED
1440 minute summer	FC60	750	185.598	0.248	0.5	0.3235	0.0000	SURCHARGED
1440 minute summer	FC61	750	185.550	0.250	0.5	0.3265	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.710	0.460	0.7	0.6320	0.0000	SURCHARGED
1440 minute summer	FC63	750	185.569	0.169	0.4	0.2135	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC56	53.000	J44	0.4	0.830	0.025	0.0031	
1440 minute summer	FC56	Infiltration		0.0				0.0
1440 minute summer	FC57	54.000	J45	0.4	0.779	0.028	0.0033	
1440 minute summer	FC57	Infiltration		0.0				0.0
1440 minute summer	FC58	56.000	J46	0.4	0.749	0.029	0.0033	
1440 minute summer	FC58	Infiltration		0.0				0.0
1440 minute summer	FC59	57.000	J47	0.4	0.695	0.033	0.0036	
1440 minute summer	FC59	Infiltration		0.0				0.0
1440 minute summer	FC60	59.000	J48	0.5	0.733	0.041	0.0044	
1440 minute summer	FC60	Infiltration		0.0				0.0
1440 minute summer	FC61	60.000	J49	0.5	0.588	0.056	0.0061	
1440 minute summer	FC61	Infiltration		0.0				0.0
1440 minute summer	FC62	63.000	J52	0.7	0.594	0.088	0.0106	
1440 minute summer	FC62	Infiltration		0.0				0.0
1440 minute summer	FC63	65.000	S26	0.4	0.308	0.067	0.0031	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC64	750	185.323	0.173	0.4	0.2189	0.0000	SURCHARGED
1440 minute summer	FC65	750	185.399	0.249	0.5	0.3250	0.0000	SURCHARGED
1440 minute summer	FC66	750	185.252	0.252	0.5	0.3293	0.0000	SURCHARGED
1440 minute summer	FC67	780	184.911	0.111	0.4	1.1458	0.0000	SURCHARGED
1440 minute summer	FC68	750	184.717	0.167	0.4	0.2104	0.0000	SURCHARGED
1440 minute summer	J1	750	188.242	0.042	2.7	0.0631	0.0000	OK
1440 minute summer	J2	750	188.116	0.060	3.2	0.0681	0.0000	OK
1440 minute summer	J3	750	188.106	0.055	3.8	0.0628	0.0000	OK
1440 minute summer	J4	750	188.078	0.039	4.2	0.0443	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	FC63	Infiltration		0.0				0.0
1440 minute summer	FC64	66.000	J54	0.4	0.194	0.067	0.0049	
1440 minute summer	FC64	Infiltration		0.0				0.0
1440 minute summer	FC65	67.000	J55	0.5	0.278	0.050	0.0042	
1440 minute summer	FC65	Infiltration		0.0				0.0
1440 minute summer	FC66	68.000	S24	0.5	0.503	0.068	0.0021	
1440 minute summer	FC66	Infiltration		0.0				0.0
1440 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017	
1440 minute summer	FC67	Infiltration		0.0				0.0
1440 minute summer	FC68	70.000	J57	0.4	0.556	0.044	0.0096	
1440 minute summer	FC68	Infiltration		0.0				0.0
1440 minute summer	J1	1.001	J2	2.7	0.903	0.324	0.0149	
1440 minute summer	J2	1.002	J3	3.2	0.507	0.236	0.0065	
1440 minute summer	J3	1.003	J4	3.8	0.808	0.289	0.0093	
1440 minute summer	J4	1.004	J5	4.2	1.237	0.124	0.0121	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J5	750	187.946	0.036	4.7	0.0403	0.0000	OK
1440 minute summer	J6	750	187.701	0.051	5.1	0.0572	0.0000	OK
1440 minute summer	J7	750	187.587	0.062	5.5	0.0703	0.0000	OK
1440 minute summer	J8	750	187.561	0.039	6.0	0.0446	0.0000	OK
1440 minute summer	J9	750	187.341	0.066	6.4	0.0748	0.0000	OK
1440 minute summer	J10	750	187.309	0.039	7.1	0.0436	0.0000	OK
1440 minute summer	J11	750	187.175	0.054	7.5	0.0612	0.0000	OK
1440 minute summer	J12	1020	186.956	0.147	11.0	0.1660	0.0000	OK
1440 minute summer	J13	1020	186.956	0.329	11.4	0.3718	0.0000	SURCHARGED
1440 minute summer	J14	1020	186.956	0.334	11.8	0.3774	0.0000	SURCHARGED
1440 minute summer	J15	1020	186.956	0.339	12.2	0.3830	0.0000	SURCHARGED
1440 minute summer	J16	1020	186.956	0.351	12.5	0.3965	0.0000	SURCHARGED
1440 minute summer	J17	1020	186.956	0.673	25.3	0.7606	0.0000	SURCHARGED
1440 minute summer	J18	1020	186.955	0.830	21.1	0.9392	0.0000	SURCHARGED
1440 minute summer	J19	1020	186.955	0.928	18.1	1.0499	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J5	1.005	J6	4.7	1.130	0.124	0.0239	
1440 minute summer	J6	1.006	J7	5.1	1.091	0.180	0.0092	
1440 minute summer	J7	1.007	J8	5.5	0.821	0.179	0.0077	
1440 minute summer	J8	1.008	J9	6.0	0.847	0.067	0.0608	
1440 minute summer	J9	1.009	J10	6.4	0.914	0.192	0.0085	
1440 minute summer	J10	1.010	J11	7.1	1.201	0.055	0.0145	
1440 minute summer	J11	1.011	S2	7.5	0.641	0.117	0.0641	
1440 minute summer	J12	1.013	J13	11.0	1.178	0.165	0.2174	
1440 minute summer	J13	1.014	J14	11.4	0.521	0.201	0.1335	
1440 minute summer	J14	1.015	J15	11.8	0.610	0.209	0.1349	
1440 minute summer	J15	1.016	J16	12.1	0.816	0.228	0.3610	
1440 minute summer	J16	1.017	J17	12.5	1.136	0.088	0.2366	
1440 minute summer	J17	1.018	S3	12.4	0.955	0.040	0.1328	
1440 minute summer	J18	1.020	J19	17.7	0.847	0.062	0.1049	
1440 minute summer	J19	1.021	S4	20.2	0.684	0.366	0.3096	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J20	1020	186.956	0.925	1.9	1.0462	0.0000	FLOOD RISK
1440 minute summer	J21	1020	186.956	0.947	2.2	1.0710	0.0000	FLOOD RISK
1440 minute summer	J22	1020	186.956	0.993	2.6	1.1230	0.0000	FLOOD RISK
1440 minute summer	J23	1020	186.956	1.014	2.7	1.1466	0.0000	FLOOD RISK
1440 minute summer	J24	1020	186.956	1.139	4.2	1.2878	0.0000	FLOOD RISK
1440 minute summer	J25	1020	186.956	1.160	4.6	1.3115	0.0000	FLOOD RISK
1440 minute summer	J26	1020	186.956	1.177	5.2	1.3306	0.0000	FLOOD RISK
1440 minute summer	J27	1020	186.955	1.219	7.2	1.3790	0.0000	SURCHARGED
1440 minute summer	J28	750	186.396	0.040	1.9	0.0452	0.0000	OK
1440 minute summer	J29	750	186.317	0.046	2.3	0.0521	0.0000	OK
1440 minute summer	J30	750	186.214	0.067	4.8	0.0758	0.0000	OK
1440 minute summer	J31	750	186.111	0.067	5.2	0.0756	0.0000	OK
1440 minute summer	J32	750	186.075	0.064	5.7	0.0725	0.0000	OK
1440 minute summer	J33	750	185.577	0.042	7.9	0.0473	0.0000	OK
1440 minute summer	J34	750	185.205	0.080	9.9	0.0907	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J20	23.002	J21	1.8	0.443	0.133	0.0665	
1440 minute summer	J21	23.003	J22	2.1	0.469	0.158	0.1411	
1440 minute summer	J22	23.004	J23	2.4	0.503	0.178	0.0633	
1440 minute summer	J23	23.005	S18	2.5	0.564	0.188	0.1321	
1440 minute summer	J24	23.007	J25	4.1	0.420	0.136	0.2458	
1440 minute summer	J25	23.008	J26	4.8	0.413	0.159	0.1975	
1440 minute summer	J26	23.009	S19	4.8	0.413	0.158	0.1474	
1440 minute summer	J27	23.011	S4	5.5	0.562	0.185	0.0951	
1440 minute summer	J28	32.001	J29	1.9	0.588	0.320	0.0284	
1440 minute summer	J29	32.002	S12	2.3	0.679	0.385	0.0157	
1440 minute summer	J30	32.004	J31	4.8	0.659	0.359	0.0360	
1440 minute summer	J31	32.005	J32	5.2	0.548	0.175	0.0933	
1440 minute summer	J32	32.006	S13	5.7	0.799	0.191	0.0384	
1440 minute summer	J33	32.008	S14	7.9	0.964	0.076	0.0759	
1440 minute summer	J34	32.010	J35	9.9	1.014	0.257	0.0888	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J35	750	185.128	0.053	10.3	0.0594	0.0000	OK
1440 minute summer	J36	750	184.960	0.085	10.8	0.0965	0.0000	OK
1440 minute summer	J37	750	184.588	0.088	13.0	0.0993	0.0000	OK
1440 minute summer	J38	750	184.415	0.115	15.1	0.1299	0.0000	OK
1440 minute summer	J39	750	184.379	0.105	15.6	0.1192	0.0000	OK
1440 minute summer	J40	750	184.352	0.087	16.0	0.0987	0.0000	OK
1440 minute summer	J41	750	184.620	0.023	0.7	0.0256	0.0000	OK
1440 minute summer	J42	1470	184.579	0.042	1.2	0.0470	0.0000	OK
1440 minute summer	J43	1470	184.579	0.199	3.1	0.2246	0.0000	SURCHARGED
1440 minute summer	J44	1470	184.579	0.209	3.5	0.2359	0.0000	SURCHARGED
1440 minute summer	J45	1470	184.579	0.259	3.9	0.2925	0.0000	SURCHARGED
1440 minute summer	J46	1470	184.579	0.357	5.8	0.4033	0.0000	SURCHARGED
1440 minute summer	J47	1470	184.579	0.372	6.2	0.4203	0.0000	SURCHARGED
1440 minute summer	J48	1470	184.579	0.385	8.2	0.4350	0.0000	SURCHARGED
1440 minute summer	J49	1470	184.579	0.410	8.6	0.4632	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J35	32.011	J36	10.3	1.000	0.116	0.0715	
1440 minute summer	J36	32.012	S15	10.8	0.979	0.359	0.0262	
1440 minute summer	J37	32.014	S16	13.0	1.077	0.235	0.0637	
1440 minute summer	J38	32.016	J39	15.1	0.647	0.280	0.2534	
1440 minute summer	J39	32.017	J40	15.6	0.802	0.286	0.0714	
1440 minute summer	J40	32.018	S10	16.0	0.996	0.161	0.2312	
1440 minute summer	J41	48.002	J42	0.7	0.399	0.113	0.0105	
1440 minute summer	J42	48.003	S21	1.2	0.574	0.196	0.0446	
1440 minute summer	J43	48.005	J44	3.1	0.517	0.224	0.0283	
1440 minute summer	J44	48.006	J45	3.5	0.560	0.264	0.1545	
1440 minute summer	J45	48.007	S22	3.9	0.624	0.289	0.0419	
1440 minute summer	J46	48.009	J47	5.8	0.383	0.188	0.1676	
1440 minute summer	J47	48.010	S23	6.2	0.374	0.205	0.1050	
1440 minute summer	J48	48.012	J49	8.2	0.468	0.273	0.2962	
1440 minute summer	J49	48.013	J50	8.6	0.472	0.282	0.0451	

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J50	1470	184.579	0.414	9.1	0.4678	0.0000	SURCHARGED
1440 minute summer	J51	1470	184.579	0.431	9.5	0.4870	0.0000	SURCHARGED
1440 minute summer	J52	1470	184.579	0.435	10.2	0.4915	0.0000	SURCHARGED
1440 minute summer	J53	1470	184.579	0.452	10.6	0.5108	0.0000	SURCHARGED
1440 minute summer	J54	750	185.172	0.043	2.0	0.0488	0.0000	OK
1440 minute summer	J55	750	185.135	0.041	2.5	0.0464	0.0000	OK
1440 minute summer	J56	1470	184.579	0.572	15.0	0.6465	0.0000	SURCHARGED
1440 minute summer	J57	1470	184.579	0.594	15.4	0.6714	0.0000	SURCHARGED
1440 minute summer	BASIN 1	1020	186.955	2.030	23.4	306.7031	0.0000	FLOOD RISK
1440 minute summer	BASIN 2	930	184.858	0.558	5.1	56.5949	0.0000	OK
1440 minute summer	BASIN 3	1680	184.339	1.239	25.3	750.6152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	J50	48.014	J51	9.1	0.498	0.306	0.2018	
1440 minute summer	J51	48.015	J52	9.5	0.528	0.311	0.0451	
1440 minute summer	J52	48.016	J53	10.2	0.610	0.334	0.1938	
1440 minute summer	J53	48.017	S24	10.6	0.714	0.351	0.4079	
1440 minute summer	J54	65.002	J55	2.0	0.635	0.336	0.0114	
1440 minute summer	J55	65.003	S24	2.5	0.842	0.325	0.0231	
1440 minute summer	J56	48.019	J57	15.0	0.564	0.277	0.6398	
1440 minute summer	J57	48.020	S25	15.4	0.597	0.283	0.4307	
1440 minute summer	BASIN 1	1.023	S5	4.9	0.052	0.059	0.9418	
1440 minute summer	BASIN 1	Infiltration		0.1				9.6
1440 minute summer	BASIN 2	1.027	S7	5.0	0.627	0.060	0.1780	
1440 minute summer	BASIN 2	71.000	BH1	0.9	0.464	0.145	0.1829	
1440 minute summer	BASIN 2	Infiltration		0.0				0.0
1440 minute summer	BASIN 3	1.034	BH2	0.9	0.358	0.008	1.8265	
1440 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	BASIN 4	1470	184.579	1.249	18.5	408.1035	0.0000	SURCHARGED
1440 minute summer	SWALE 1	1020	184.936	0.062	4.9	0.0881	0.0000	OK
1440 minute summer	SWALE 2	930	184.437	0.062	5.0	0.0881	0.0000	OK
1440 minute summer	SWALE 3	1680	184.342	0.347	22.6	0.4964	0.0000	OK
1440 minute summer	BH1	930	184.858	0.781	0.9	3.0662	0.0000	OK
1440 minute summer	BH2	1680	184.339	1.256	0.9	7.6474	0.0000	OK
1440 minute summer	BH3	1470	184.579	1.260	0.7	7.2735	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	BASIN 4	48.022	BH3	0.7	0.302	0.013	0.3211	
1440 minute summer	BASIN 4	Infiltration		0.0				0.0
1440 minute summer	SWALE 1	1.025	S6	4.9	0.408	0.060	0.4564	
1440 minute summer	SWALE 2	1.029	S8	5.0	0.600	0.060	0.2196	
1440 minute summer	SWALE 3	1.033	BASIN 3	22.6	0.863	0.181	4.6838	
1440 minute summer	BH1	Infiltration		0.1				8.7
1440 minute summer	BH2	Infiltration		0.2				10.7
1440 minute summer	BH3	Infiltration		0.2				16.8

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	750	188.391	0.020	0.8	0.0308	0.0000	OK
1440 minute winter	S2	750	187.123	0.084	7.8	0.1496	0.0000	OK
1440 minute winter	S3	1080	186.953	0.816	10.4	1.1012	0.0000	SURCHARGED
1440 minute winter	S4	1080	186.953	1.575	26.9	2.0429	0.0000	SURCHARGED
1440 minute winter	S5	1080	186.953	2.042	4.9	2.9228	0.0000	FLOOD RISK
1440 minute winter	S6	1110	184.872	0.064	4.9	0.0916	0.0000	OK
1440 minute winter	S7	990	184.792	0.033	5.0	0.0477	0.0000	OK
1440 minute winter	S8	1680	184.367	0.037	5.0	0.0526	0.0000	OK
1440 minute winter	S9	1680	184.368	0.242	5.0	0.3470	0.0000	OK
1440 minute winter	S10	1680	184.367	0.254	17.2	0.4729	0.0000	OK
1440 minute winter	S11	750	186.429	0.029	1.0	0.0469	0.0000	OK
1440 minute winter	S12	750	186.229	0.052	3.0	0.0794	0.0000	OK
1440 minute winter	S13	750	186.029	0.036	5.2	0.0550	0.0000	OK
1440 minute winter	S14	750	185.237	0.062	6.8	0.0999	0.0000	OK
1440 minute winter	S15	750	184.916	0.049	8.8	0.0797	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S1	1.000	J1	0.8	0.452	0.092	0.0149	
1440 minute winter	S2	1.012	J12	7.8	0.645	0.263	0.0182	
1440 minute winter	S3	1.019	J18	16.6	1.005	0.311	0.3613	
1440 minute winter	S4	1.022	BASIN 1	16.8	0.816	0.101	1.1778	
1440 minute winter	S5	1.024	SWALE 1	4.9	0.413	0.059	0.2428	
1440 minute winter	S6	1.026	BASIN 2	4.9	0.439	0.057	0.0689	
1440 minute winter	S7	1.028	SWALE 2	5.0	0.622	0.016	0.1381	
1440 minute winter	S8	1.030	S9	5.0	0.646	0.019	0.4859	
1440 minute winter	S9	1.031	S10	7.8	0.619	0.092	0.5178	
1440 minute winter	S10	1.032	SWALE 3	17.2	0.999	0.052	0.4136	
1440 minute winter	S11	32.000	J28	1.0	0.492	0.168	0.0092	
1440 minute winter	S12	32.003	J30	3.0	0.527	0.224	0.0289	
1440 minute winter	S13	32.007	J33	5.2	1.279	0.053	0.0526	
1440 minute winter	S14	32.009	J34	6.8	0.722	0.133	0.0492	
1440 minute winter	S15	32.013	J37	8.8	1.423	0.095	0.0578	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.526	0.039	10.3	0.0605	0.0000	OK
1440 minute winter	S17	1080	186.954	0.804	1.3	1.3165	0.0000	FLOOD RISK
1440 minute winter	S18	1080	186.953	1.129	3.0	1.7089	0.0000	FLOOD RISK
1440 minute winter	S19	1080	186.953	1.187	5.0	1.7477	0.0000	FLOOD RISK
1440 minute winter	S20	780	184.662	0.020	0.5	0.0228	0.0000	OK
1440 minute winter	S21	1440	184.588	0.179	2.0	0.2417	0.0000	SURCHARGED
1440 minute winter	S22	1440	184.588	0.357	4.1	0.4689	0.0000	SURCHARGED
1440 minute winter	S23	1440	184.588	0.390	5.8	0.5091	0.0000	SURCHARGED
1440 minute winter	S24	1440	184.588	0.571	11.0	0.7623	0.0000	SURCHARGED
1440 minute winter	S25	1440	184.589	0.618	12.4	0.8708	0.0000	SURCHARGED
1440 minute winter	S26	780	185.399	0.022	1.1	0.0333	0.0000	OK
1440 minute winter	FC1	750	188.418	0.168	0.4	0.2199	0.0000	SURCHARGED
1440 minute winter	FC2	750	188.319	0.169	0.4	0.2210	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	S16	32.015	J38	10.3	0.881	0.032	0.0282	
1440 minute winter	S17	23.001	J20	1.1	0.566	0.191	0.0560	
1440 minute winter	S18	23.006	J24	2.9	0.400	0.090	0.0729	
1440 minute winter	S19	23.010	J27	5.1	0.468	0.170	0.3541	
1440 minute winter	S20	48.001	J41	0.5	0.452	0.084	0.0051	
1440 minute winter	S21	48.004	J43	2.0	0.443	0.149	0.0898	
1440 minute winter	S22	48.008	J46	4.1	0.390	0.129	0.0967	
1440 minute winter	S23	48.011	J48	5.8	0.448	0.187	0.0447	
1440 minute winter	S24	48.018	J56	11.0	0.508	0.206	0.2989	
1440 minute winter	S25	48.021	BASIN 4	12.4	0.683	0.232	0.2710	
1440 minute winter	S26	65.001	J54	1.1	0.595	0.106	0.0160	
1440 minute winter	FC1	2.000	J1	0.4	0.240	0.063	0.0080	
1440 minute winter	FC1	Infiltration		0.0				0.0
1440 minute winter	FC2	3.000	J2	0.4	0.422	0.066	0.0042	
1440 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC3	780	188.463	0.263	0.5	0.3616	0.0000	SURCHARGED
1440 minute winter	FC4	780	188.302	0.102	0.3	0.1289	0.0000	SURCHARGED
1440 minute winter	FC5	750	188.169	0.169	0.4	0.2210	0.0000	SURCHARGED
1440 minute winter	FC6	780	187.951	0.101	0.3	0.1277	0.0000	SURCHARGED
1440 minute winter	FC7	780	187.852	0.102	0.3	0.1293	0.0000	SURCHARGED
1440 minute winter	FC8	750	187.916	0.165	0.4	0.2162	0.0000	SURCHARGED
1440 minute winter	FC9	780	187.574	0.104	0.3	0.1309	0.0000	SURCHARGED
1440 minute winter	FC10	780	187.733	0.263	0.5	0.3610	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC3	4.000	J3	0.5	0.473	0.080	0.0099	
1440 minute winter	FC3	Infiltration		0.0				0.0
1440 minute winter	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
1440 minute winter	FC4	Infiltration		0.0				0.0
1440 minute winter	FC5	6.000	J5	0.4	0.421	0.066	0.0039	
1440 minute winter	FC5	Infiltration		0.0				0.0
1440 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
1440 minute winter	FC6	Infiltration		0.0				0.0
1440 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
1440 minute winter	FC7	Infiltration		0.0				0.0
1440 minute winter	FC8	9.000	J8	0.4	0.589	0.041	0.0028	
1440 minute winter	FC8	Infiltration		0.0				0.0
1440 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
1440 minute winter	FC9	Infiltration		0.0				0.0
1440 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0064	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC11	750	187.489	0.169	0.4	0.2208	0.0000	SURCHARGED
1440 minute winter	FC12	750	187.399	0.169	0.4	0.2208	0.0000	SURCHARGED
1440 minute winter	FC13	750	187.169	0.169	0.4	0.2208	0.0000	SURCHARGED
1440 minute winter	FC14	780	187.012	0.112	0.4	1.4313	0.0000	SURCHARGED
1440 minute winter	FC15	780	187.299	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC16	780	187.003	0.103	0.3	0.1303	0.0000	SURCHARGED
1440 minute winter	FC17	780	187.099	0.099	0.3	0.1253	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC10	Infiltration		0.0				0.0
1440 minute winter	FC11	12.000	J11	0.4	0.423	0.067	0.0072	
1440 minute winter	FC11	Infiltration		0.0				0.0
1440 minute winter	FC12	13.000	S2	0.4	0.423	0.066	0.0064	
1440 minute winter	FC12	Infiltration		0.0				0.0
1440 minute winter	FC13	14.000	J12	0.4	0.424	0.066	0.0063	
1440 minute winter	FC13	Infiltration		0.0				0.0
1440 minute winter	FC14	15.000	J13	0.3	0.398	0.053	0.0457	
1440 minute winter	FC14	Infiltration		0.0				0.0
1440 minute winter	FC15	16.000	J14	0.3	0.826	0.017	0.0187	
1440 minute winter	FC15	Infiltration		0.0				0.0
1440 minute winter	FC16	17.000	J15	0.3	0.410	0.048	0.0459	
1440 minute winter	FC16	Infiltration		0.0				0.0
1440 minute winter	FC17	18.000	J16	0.3	0.648	0.025	0.0194	
1440 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC18	1080	186.963	0.413	0.3	0.5216	0.0000	SURCHARGED
1440 minute winter	FC19	990	186.964	0.564	0.4	0.7371	0.0000	SURCHARGED
1440 minute winter	FC20	750	187.113	0.163	0.4	0.2125	0.0000	SURCHARGED
1440 minute winter	FC21	1140	186.961	0.661	0.4	1.3952	0.0000	SURCHARGED
1440 minute winter	FC22	1110	186.963	0.513	0.4	4.9705	0.0000	SURCHARGED
1440 minute winter	FC23	1110	186.962	0.662	0.3	1.2161	0.0000	SURCHARGED
1440 minute winter	FC24	1140	186.962	0.662	0.4	1.3936	0.0000	SURCHARGED
1440 minute winter	FC25	990	186.964	0.414	0.4	0.5412	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC18	19.000	J17	-0.4	0.391	-0.076	0.0548	
1440 minute winter	FC18	Infiltration		0.0				0.0
1440 minute winter	FC19	20.000	S3	-0.5	0.410	-0.083	0.0517	
1440 minute winter	FC19	Infiltration		0.0				0.0
1440 minute winter	FC20	21.000	J18	0.4	0.847	0.024	0.0178	
1440 minute winter	FC20	Infiltration		0.0				0.0
1440 minute winter	FC21	22.000	J19	0.4	0.392	0.072	0.0599	
1440 minute winter	FC21	Infiltration		0.0				0.0
1440 minute winter	FC22	23.000	S17	0.3	0.211	0.017	0.0373	
1440 minute winter	FC22	Infiltration		0.0				0.0
1440 minute winter	FC23	24.000	J20	0.3	0.609	0.022	0.0359	
1440 minute winter	FC23	Infiltration		0.0				0.0
1440 minute winter	FC24	25.000	J21	0.4	0.706	0.026	0.0363	
1440 minute winter	FC24	Infiltration		0.0				0.0
1440 minute winter	FC25	26.000	J22	0.4	0.776	0.025	0.0370	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC26	1110	186.962	0.512	0.4	5.1643	0.0000	SURCHARGED
1440 minute winter	FC27	1080	186.963	0.463	0.3	0.5849	0.0000	SURCHARGED
1440 minute winter	FC28	990	186.964	0.464	0.4	0.6062	0.0000	SURCHARGED
1440 minute winter	FC29	990	186.964	0.464	0.4	0.6061	0.0000	SURCHARGED
1440 minute winter	FC30	990	186.964	0.213	0.4	0.2790	0.0000	SURCHARGED
1440 minute winter	FC31	780	186.551	0.101	0.3	0.1271	0.0000	SURCHARGED
1440 minute winter	FC32	780	186.549	0.099	0.3	0.1252	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC25	Infiltration		0.0				0.0
1440 minute winter	FC26	27.000	J23	0.3	0.621	0.020	0.0361	
1440 minute winter	FC26	Infiltration		0.0				0.0
1440 minute winter	FC27	28.000	J24	0.3	0.848	0.014	0.0352	
1440 minute winter	FC27	Infiltration		0.0				0.0
1440 minute winter	FC28	29.000	J25	0.4	0.780	0.025	0.0341	
1440 minute winter	FC28	Infiltration		0.0				0.0
1440 minute winter	FC29	30.000	J26	0.4	0.759	0.026	0.0369	
1440 minute winter	FC29	Infiltration		0.0				0.0
1440 minute winter	FC30	31.000	J27	-0.6	0.789	-0.043	0.0345	
1440 minute winter	FC30	Infiltration		0.0				0.0
1440 minute winter	FC31	33.000	J28	0.3	0.239	0.033	0.0059	
1440 minute winter	FC31	Infiltration		0.0				0.0
1440 minute winter	FC32	34.000	J29	0.3	0.215	0.024	0.0065	
1440 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC33	750	186.613	0.163	0.4	0.2132	0.0000	SURCHARGED
1440 minute winter	FC34	750	186.619	0.169	0.4	0.2205	0.0000	SURCHARGED
1440 minute winter	FC35	750	186.613	0.163	0.4	0.2131	0.0000	SURCHARGED
1440 minute winter	FC36	750	186.613	0.163	0.4	0.2127	0.0000	SURCHARGED
1440 minute winter	FC37	780	186.060	0.260	0.5	0.3576	0.0000	SURCHARGED
1440 minute winter	FC38	780	185.530	0.080	0.3	0.9571	0.0000	OK
1440 minute winter	FC39	780	185.549	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC40	750	185.663	0.163	0.4	0.2124	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC33	35.000	S12	0.4	0.776	0.028	0.0021	
1440 minute winter	FC33	Infiltration		0.0				0.0
1440 minute winter	FC34	36.000	J30	0.4	0.434	0.064	0.0043	
1440 minute winter	FC34	Infiltration		0.0				0.0
1440 minute winter	FC35	37.000	J31	0.4	0.781	0.028	0.0026	
1440 minute winter	FC35	Infiltration		0.0				0.0
1440 minute winter	FC36	38.000	J32	0.4	0.818	0.026	0.0024	
1440 minute winter	FC36	Infiltration		0.0				0.0
1440 minute winter	FC37	39.000	J33	0.5	0.602	0.056	0.0054	
1440 minute winter	FC37	Infiltration		0.0				0.0
1440 minute winter	FC38	40.000	J34	0.3	0.634	0.021	0.0020	
1440 minute winter	FC38	Infiltration		0.0				0.0
1440 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
1440 minute winter	FC39	Infiltration		0.0				0.0
1440 minute winter	FC40	42.000	J36	0.4	0.961	0.021	0.0021	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC41	750	185.015	0.165	0.4	0.2154	0.0000	SURCHARGED
1440 minute winter	FC42	750	184.766	0.166	0.4	0.2171	0.0000	SURCHARGED
1440 minute winter	FC43	750	184.765	0.165	0.4	0.2155	0.0000	SURCHARGED
1440 minute winter	FC44	720	184.612	0.012	0.3	0.0149	0.0000	OK
1440 minute winter	FC45	780	184.699	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC46	780	184.964	0.264	0.5	0.3624	0.0000	SURCHARGED
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	750	184.963	0.163	0.4	0.2130	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC40	Infiltration		0.0				0.0
1440 minute winter	FC41	43.000	J37	0.4	0.630	0.037	0.0031	
1440 minute winter	FC41	Infiltration		0.0				0.0
1440 minute winter	FC42	44.000	J38	0.4	0.549	0.046	0.0035	
1440 minute winter	FC42	Infiltration		0.0				0.0
1440 minute winter	FC43	45.000	J39	0.4	0.623	0.038	0.0027	
1440 minute winter	FC43	Infiltration		0.0				0.0
1440 minute winter	FC44	46.000	J40	0.3	0.587	0.028	0.0022	
1440 minute winter	FC44	Infiltration		0.0				0.0
1440 minute winter	FC45	47.000	S10	0.3	0.677	0.023	0.0020	
1440 minute winter	FC45	Infiltration		0.0				0.0
1440 minute winter	FC46	48.000	S20	0.5	0.445	0.084	0.0067	
1440 minute winter	FC46	Infiltration		0.0				0.0
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0029	
1440 minute winter	FC48	50.000	J42	0.4	0.373	0.028	0.0102	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC49	750	184.969	0.169	0.4	0.2210	0.0000	SURCHARGED
1440 minute winter	FC50	750	184.969	0.169	0.4	0.2210	0.0000	SURCHARGED
1440 minute winter	FC51	750	185.019	0.169	0.4	0.2209	0.0000	SURCHARGED
1440 minute winter	FC52	750	185.415	0.165	0.4	0.2157	0.0000	SURCHARGED
1440 minute winter	FC53	750	185.416	0.166	0.4	0.2165	0.0000	SURCHARGED
1440 minute winter	FC54	780	185.350	0.100	0.3	0.1262	0.0000	OK
1440 minute winter	FC55	780	185.349	0.099	0.3	0.1252	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC48	Infiltration		0.0				0.0
1440 minute winter	FC49	51.000	S21	0.4	0.421	0.066	0.0041	
1440 minute winter	FC49	Infiltration		0.0				0.0
1440 minute winter	FC50	52.000	J43	0.4	0.421	0.066	0.0044	
1440 minute winter	FC50	Infiltration		0.0				0.0
1440 minute winter	FC51	55.000	S22	0.4	0.423	0.066	0.0057	
1440 minute winter	FC51	Infiltration		0.0				0.0
1440 minute winter	FC52	58.000	S23	0.4	0.613	0.039	0.0035	
1440 minute winter	FC52	Infiltration		0.0				0.0
1440 minute winter	FC53	61.000	J50	0.4	0.577	0.042	0.0029	
1440 minute winter	FC53	Infiltration		0.0				0.0
1440 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
1440 minute winter	FC54	Infiltration		0.0				0.0
1440 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
1440 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC56	780	185.449	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC57	780	185.449	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC58	780	185.449	0.099	0.3	0.1252	0.0000	OK
1440 minute winter	FC59	780	185.449	0.099	0.3	0.1253	0.0000	OK
1440 minute winter	FC60	750	185.514	0.164	0.4	0.2143	0.0000	SURCHARGED
1440 minute winter	FC61	750	185.466	0.166	0.4	0.2170	0.0000	SURCHARGED
1440 minute winter	FC62	780	185.512	0.262	0.5	0.3591	0.0000	SURCHARGED
1440 minute winter	FC63	780	185.504	0.103	0.3	0.1307	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
1440 minute winter	FC56	Infiltration		0.0				0.0
1440 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
1440 minute winter	FC57	Infiltration		0.0				0.0
1440 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
1440 minute winter	FC58	Infiltration		0.0				0.0
1440 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
1440 minute winter	FC59	Infiltration		0.0				0.0
1440 minute winter	FC60	59.000	J48	0.4	0.687	0.033	0.0038	
1440 minute winter	FC60	Infiltration		0.0				0.0
1440 minute winter	FC61	60.000	J49	0.4	0.552	0.045	0.0053	
1440 minute winter	FC61	Infiltration		0.0				0.0
1440 minute winter	FC62	63.000	J52	0.5	0.545	0.065	0.0086	
1440 minute winter	FC62	Infiltration		0.0				0.0
1440 minute winter	FC63	65.000	S26	0.3	0.297	0.051	0.0024	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC64	780	185.254	0.103	0.3	0.1307	0.0000	SURCHARGED
1440 minute winter	FC65	750	185.315	0.165	0.4	0.2157	0.0000	SURCHARGED
1440 minute winter	FC66	750	185.168	0.168	0.4	0.2194	0.0000	SURCHARGED
1440 minute winter	FC67	780	184.886	0.086	0.3	0.8822	0.0000	OK
1440 minute winter	FC68	780	184.651	0.101	0.3	0.1278	0.0000	SURCHARGED
1440 minute winter	J1	750	188.235	0.035	2.0	0.0532	0.0000	OK
1440 minute winter	J2	750	188.107	0.051	2.4	0.0581	0.0000	OK
1440 minute winter	J3	750	188.098	0.048	2.9	0.0540	0.0000	OK
1440 minute winter	J4	750	188.073	0.033	3.2	0.0379	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	FC63	Infiltration		0.0				0.0
1440 minute winter	FC64	66.000	J54	0.3	0.193	0.051	0.0035	
1440 minute winter	FC64	Infiltration		0.0				0.0
1440 minute winter	FC65	67.000	J55	0.4	0.276	0.041	0.0033	
1440 minute winter	FC65	Infiltration		0.0				0.0
1440 minute winter	FC66	68.000	S24	0.4	0.474	0.055	0.0018	
1440 minute winter	FC66	Infiltration		0.0				0.0
1440 minute winter	FC67	69.000	J56	0.3	0.371	0.046	0.0015	
1440 minute winter	FC67	Infiltration		0.0				0.0
1440 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0115	
1440 minute winter	FC68	Infiltration		0.0				0.0
1440 minute winter	J1	1.001	J2	2.0	0.837	0.240	0.0120	
1440 minute winter	J2	1.002	J3	2.4	0.470	0.178	0.0053	
1440 minute winter	J3	1.003	J4	2.9	0.749	0.217	0.0075	
1440 minute winter	J4	1.004	J5	3.2	1.147	0.093	0.0098	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J5	750	187.941	0.031	3.6	0.0351	0.0000	OK
1440 minute winter	J6	750	187.693	0.043	3.9	0.0488	0.0000	OK
1440 minute winter	J7	750	187.579	0.054	4.2	0.0611	0.0000	OK
1440 minute winter	J8	750	187.556	0.035	4.5	0.0391	0.0000	OK
1440 minute winter	J9	750	187.333	0.058	4.9	0.0651	0.0000	OK
1440 minute winter	J10	750	187.303	0.033	5.4	0.0374	0.0000	OK
1440 minute winter	J11	750	187.167	0.046	5.8	0.0524	0.0000	OK
1440 minute winter	J12	1080	186.954	0.145	8.2	0.1635	0.0000	OK
1440 minute winter	J13	1080	186.954	0.327	8.5	0.3693	0.0000	SURCHARGED
1440 minute winter	J14	1080	186.954	0.331	8.8	0.3749	0.0000	SURCHARGED
1440 minute winter	J15	1080	186.953	0.336	9.1	0.3805	0.0000	SURCHARGED
1440 minute winter	J16	1080	186.953	0.348	9.4	0.3940	0.0000	SURCHARGED
1440 minute winter	J17	1080	186.953	0.670	27.6	0.7581	0.0000	SURCHARGED
1440 minute winter	J18	1080	186.953	0.828	17.0	0.9367	0.0000	SURCHARGED
1440 minute winter	J19	1080	186.953	0.926	34.2	1.0475	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J5	1.005	J6	3.6	1.057	0.093	0.0193	
1440 minute winter	J6	1.006	J7	3.9	1.019	0.136	0.0075	
1440 minute winter	J7	1.007	J8	4.1	0.777	0.133	0.0063	
1440 minute winter	J8	1.008	J9	4.6	0.784	0.051	0.0501	
1440 minute winter	J9	1.009	J10	4.9	0.855	0.146	0.0070	
1440 minute winter	J10	1.010	J11	5.4	1.142	0.042	0.0116	
1440 minute winter	J11	1.011	S2	5.8	0.608	0.089	0.0517	
1440 minute winter	J12	1.013	J13	8.2	1.093	0.123	0.2159	
1440 minute winter	J13	1.014	J14	8.5	0.482	0.151	0.1335	
1440 minute winter	J14	1.015	J15	8.8	0.561	0.157	0.1349	
1440 minute winter	J15	1.016	J16	9.1	0.757	0.171	0.3610	
1440 minute winter	J16	1.017	J17	9.4	1.055	0.066	0.2366	
1440 minute winter	J17	1.018	S3	-17.8	0.924	-0.057	0.1328	
1440 minute winter	J18	1.020	J19	33.8	0.803	0.118	0.1049	
1440 minute winter	J19	1.021	S4	13.0	0.630	0.236	0.3096	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J20	1080	186.954	0.923	1.4	1.0438	0.0000	FLOOD RISK
1440 minute winter	J21	1080	186.954	0.945	1.7	1.0686	0.0000	FLOOD RISK
1440 minute winter	J22	1080	186.954	0.991	2.0	1.1205	0.0000	FLOOD RISK
1440 minute winter	J23	1080	186.954	1.012	2.1	1.1441	0.0000	FLOOD RISK
1440 minute winter	J24	1080	186.953	1.136	3.2	1.2853	0.0000	FLOOD RISK
1440 minute winter	J25	1080	186.953	1.157	3.4	1.3090	0.0000	FLOOD RISK
1440 minute winter	J26	1080	186.953	1.174	3.8	1.3282	0.0000	FLOOD RISK
1440 minute winter	J27	1080	186.953	1.217	5.8	1.3766	0.0000	SURCHARGED
1440 minute winter	J28	750	186.388	0.032	1.3	0.0366	0.0000	OK
1440 minute winter	J29	750	186.309	0.038	1.6	0.0424	0.0000	OK
1440 minute winter	J30	750	186.202	0.055	3.4	0.0624	0.0000	OK
1440 minute winter	J31	750	186.100	0.056	3.8	0.0635	0.0000	OK
1440 minute winter	J32	750	186.066	0.055	4.2	0.0621	0.0000	OK
1440 minute winter	J33	750	185.571	0.036	5.7	0.0403	0.0000	OK
1440 minute winter	J34	750	185.192	0.067	7.0	0.0761	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J20	23.002	J21	1.3	0.423	0.098	0.0665	
1440 minute winter	J21	23.003	J22	1.6	0.448	0.119	0.1411	
1440 minute winter	J22	23.004	J23	1.9	0.479	0.139	0.0633	
1440 minute winter	J23	23.005	S18	2.1	0.525	0.155	0.1321	
1440 minute winter	J24	23.007	J25	3.1	0.410	0.102	0.2458	
1440 minute winter	J25	23.008	J26	3.4	0.400	0.113	0.1975	
1440 minute winter	J26	23.009	S19	4.0	0.398	0.132	0.1474	
1440 minute winter	J27	23.011	S4	13.2	0.529	0.441	0.0951	
1440 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0215	
1440 minute winter	J29	32.002	S12	1.6	0.620	0.270	0.0120	
1440 minute winter	J30	32.004	J31	3.4	0.604	0.255	0.0279	
1440 minute winter	J31	32.005	J32	3.8	0.497	0.126	0.0740	
1440 minute winter	J32	32.006	S13	4.2	0.731	0.139	0.0306	
1440 minute winter	J33	32.008	S14	5.7	0.900	0.054	0.0582	
1440 minute winter	J34	32.010	J35	7.0	0.927	0.182	0.0691	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J35	750	185.119	0.043	7.3	0.0492	0.0000	OK
1440 minute winter	J36	750	184.947	0.072	7.7	0.0812	0.0000	OK
1440 minute winter	J37	750	184.574	0.074	9.2	0.0842	0.0000	OK
1440 minute winter	J38	750	184.395	0.095	10.7	0.1076	0.0000	OK
1440 minute winter	J39	1680	184.367	0.093	11.1	0.1057	0.0000	OK
1440 minute winter	J40	1680	184.367	0.102	11.4	0.1158	0.0000	OK
1440 minute winter	J41	780	184.617	0.020	0.5	0.0222	0.0000	OK
1440 minute winter	J42	1440	184.588	0.051	0.9	0.0582	0.0000	OK
1440 minute winter	J43	1440	184.588	0.208	2.4	0.2357	0.0000	SURCHARGED
1440 minute winter	J44	1440	184.588	0.218	2.7	0.2470	0.0000	SURCHARGED
1440 minute winter	J45	1440	184.588	0.268	3.0	0.3036	0.0000	SURCHARGED
1440 minute winter	J46	1440	184.588	0.366	4.4	0.4144	0.0000	SURCHARGED
1440 minute winter	J47	1440	184.588	0.381	4.7	0.4314	0.0000	SURCHARGED
1440 minute winter	J48	1440	184.588	0.394	6.1	0.4461	0.0000	SURCHARGED
1440 minute winter	J49	1440	184.588	0.419	6.5	0.4744	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J35	32.011	J36	7.3	0.913	0.082	0.0558	
1440 minute winter	J36	32.012	S15	7.7	0.897	0.257	0.0205	
1440 minute winter	J37	32.014	S16	9.2	1.001	0.167	0.0490	
1440 minute winter	J38	32.016	J39	10.7	0.588	0.198	0.1967	
1440 minute winter	J39	32.017	J40	11.1	0.733	0.203	0.0729	
1440 minute winter	J40	32.018	S10	11.4	0.909	0.114	0.3118	
1440 minute winter	J41	48.002	J42	0.5	0.370	0.084	0.0127	
1440 minute winter	J42	48.003	S21	0.9	0.534	0.151	0.0486	
1440 minute winter	J43	48.005	J44	2.4	0.487	0.170	0.0283	
1440 minute winter	J44	48.006	J45	2.7	0.524	0.200	0.1545	
1440 minute winter	J45	48.007	S22	3.0	0.581	0.219	0.0419	
1440 minute winter	J46	48.009	J47	4.4	0.378	0.142	0.1676	
1440 minute winter	J47	48.010	S23	4.7	0.362	0.155	0.1050	
1440 minute winter	J48	48.012	J49	6.1	0.448	0.206	0.2962	
1440 minute winter	J49	48.013	J50	6.5	0.448	0.213	0.0451	

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J50	1440	184.588	0.423	6.9	0.4789	0.0000	SURCHARGED
1440 minute winter	J51	1440	184.588	0.440	7.2	0.4981	0.0000	SURCHARGED
1440 minute winter	J52	1440	184.588	0.444	7.7	0.5027	0.0000	SURCHARGED
1440 minute winter	J53	1440	184.588	0.461	8.0	0.5219	0.0000	SURCHARGED
1440 minute winter	J54	750	185.164	0.035	1.4	0.0400	0.0000	OK
1440 minute winter	J55	750	185.128	0.034	1.8	0.0388	0.0000	OK
1440 minute winter	J56	1440	184.588	0.581	11.3	0.6576	0.0000	SURCHARGED
1440 minute winter	J57	1440	184.589	0.603	11.6	0.6825	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1080	186.953	2.028	17.3	306.2548	0.0000	FLOOD RISK
1440 minute winter	BASIN 2	990	184.858	0.558	5.1	56.5936	0.0000	OK
1440 minute winter	BASIN 3	1680	184.367	1.267	18.8	764.9300	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	J50	48.014	J51	6.9	0.471	0.232	0.2018	
1440 minute winter	J51	48.015	J52	7.2	0.495	0.236	0.0451	
1440 minute winter	J52	48.016	J53	7.7	0.570	0.253	0.1938	
1440 minute winter	J53	48.017	S24	8.0	0.662	0.266	0.4079	
1440 minute winter	J54	65.002	J55	1.4	0.584	0.237	0.0088	
1440 minute winter	J55	65.003	S24	1.8	0.774	0.236	0.0182	
1440 minute winter	J56	48.019	J57	11.3	0.528	0.208	0.6398	
1440 minute winter	J57	48.020	S25	11.6	0.555	0.212	0.4307	
1440 minute winter	BASIN 1	1.023	S5	4.9	0.100	0.059	0.9418	
1440 minute winter	BASIN 1	Infiltration		0.1				9.7
1440 minute winter	BASIN 2	1.027	S7	5.0	0.627	0.060	0.1779	
1440 minute winter	BASIN 2	71.000	BH1	0.8	0.524	0.140	0.1829	
1440 minute winter	BASIN 2	Infiltration		0.0				0.0
1440 minute winter	BASIN 3	1.034	BH2	0.9	0.317	0.007	1.8265	
1440 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	BASIN 4	1440	184.588	1.258	13.7	411.8007	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1080	184.936	0.062	4.9	0.0880	0.0000	OK
1440 minute winter	SWALE 2	990	184.437	0.062	5.0	0.0881	0.0000	OK
1440 minute winter	SWALE 3	1680	184.367	0.372	17.2	0.5329	0.0000	OK
1440 minute winter	BH1	990	184.858	0.781	0.8	3.0662	0.0000	OK
1440 minute winter	BH2	1680	184.367	1.284	0.9	7.6876	0.0000	OK
1440 minute winter	BH3	1440	184.588	1.269	0.8	7.2847	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	BASIN 4	48.022	BH3	0.8	0.377	0.014	0.3211	
1440 minute winter	BASIN 4	Infiltration		0.0				0.0
1440 minute winter	SWALE 1	1.025	S6	4.9	0.408	0.060	0.4563	
1440 minute winter	SWALE 2	1.029	S8	5.0	0.600	0.060	0.2196	
1440 minute winter	SWALE 3	1.033	BASIN 3	17.2	0.800	0.138	4.7624	
1440 minute winter	BH1	Infiltration		0.1				8.6
1440 minute winter	BH2	Infiltration		0.2				11.0
1440 minute winter	BH3	Infiltration		0.2				16.8

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S1	1140	188.391	0.020	0.8	0.0308	0.0000	OK
2160 minute summer	S2	1140	187.123	0.084	8.0	0.1511	0.0000	OK
2160 minute summer	S3	1500	186.921	0.783	10.6	1.0569	0.0000	SURCHARGED
2160 minute summer	S4	1500	186.920	1.542	17.1	2.0003	0.0000	SURCHARGED
2160 minute summer	S5	1500	186.920	2.010	4.9	2.8759	0.0000	FLOOD RISK
2160 minute summer	S6	1500	184.872	0.064	4.9	0.0912	0.0000	OK
2160 minute summer	S7	1320	184.792	0.033	4.9	0.0474	0.0000	OK
2160 minute summer	S8	2400	184.614	0.283	5.9	0.4057	0.0000	OK
2160 minute summer	S9	2400	184.613	0.488	6.9	0.6982	0.0000	SURCHARGED
2160 minute summer	S10	2400	184.614	0.501	22.0	0.9317	0.0000	SURCHARGED
2160 minute summer	S11	1140	186.431	0.031	1.1	0.0494	0.0000	OK
2160 minute summer	S12	1140	186.231	0.055	3.2	0.0825	0.0000	OK
2160 minute summer	S13	1140	186.030	0.037	5.5	0.0568	0.0000	OK
2160 minute summer	S14	1140	185.239	0.064	7.2	0.1034	0.0000	OK
2160 minute summer	S15	1140	184.918	0.051	9.4	0.0823	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S1	1.000	J1	0.8	0.450	0.092	0.0149	
2160 minute summer	S2	1.012	J12	8.0	0.648	0.268	0.0184	
2160 minute summer	S3	1.019	J18	10.7	0.874	0.201	0.3613	
2160 minute summer	S4	1.022	BASIN 1	16.8	0.670	0.100	1.1778	
2160 minute summer	S5	1.024	SWALE 1	4.9	0.412	0.059	0.2413	
2160 minute summer	S6	1.026	BASIN 2	4.9	0.411	0.056	0.0683	
2160 minute summer	S7	1.028	SWALE 2	4.9	0.618	0.016	0.6517	
2160 minute summer	S8	1.030	S9	6.9	0.644	0.027	1.1996	
2160 minute summer	S9	1.031	S10	8.6	0.614	0.103	0.7372	
2160 minute summer	S10	1.032	SWALE 3	19.6	1.010	0.060	0.4809	
2160 minute summer	S11	32.000	J28	1.1	0.509	0.185	0.0098	
2160 minute summer	S12	32.003	J30	3.2	0.537	0.240	0.0303	
2160 minute summer	S13	32.007	J33	5.5	1.303	0.056	0.0549	
2160 minute summer	S14	32.009	J34	7.2	0.733	0.142	0.0514	
2160 minute summer	S15	32.013	J37	9.3	1.447	0.101	0.0604	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	S16	2400	184.614	0.127	10.9	0.1977	0.0000	OK
2160 minute summer	S17	1500	186.921	0.771	1.3	1.2623	0.0000	FLOOD RISK
2160 minute summer	S18	1500	186.921	1.097	3.2	1.6591	0.0000	FLOOD RISK
2160 minute summer	S19	1500	186.920	1.154	4.9	1.6993	0.0000	SURCHARGED
2160 minute summer	S20	1140	184.662	0.020	0.5	0.0228	0.0000	OK
2160 minute summer	S21	2220	184.650	0.241	2.0	0.3247	0.0000	SURCHARGED
2160 minute summer	S22	2220	184.650	0.419	4.1	0.5497	0.0000	SURCHARGED
2160 minute summer	S23	2220	184.650	0.452	5.8	0.5896	0.0000	SURCHARGED
2160 minute summer	S24	2220	184.650	0.633	11.3	0.8445	0.0000	SURCHARGED
2160 minute summer	S25	2220	184.650	0.680	12.5	0.9574	0.0000	SURCHARGED
2160 minute summer	S26	1140	185.400	0.023	1.2	0.0348	0.0000	OK
2160 minute summer	FC1	1140	188.423	0.173	0.4	0.2265	0.0000	SURCHARGED
2160 minute summer	FC2	1140	188.324	0.174	0.4	0.2276	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	S16	32.015	J38	10.9	0.892	0.034	0.1138	
2160 minute summer	S17	23.001	J20	1.1	0.564	0.194	0.0560	
2160 minute summer	S18	23.006	J24	2.8	0.385	0.087	0.0729	
2160 minute summer	S19	23.010	J27	4.5	0.465	0.152	0.3541	
2160 minute summer	S20	48.001	J41	0.5	0.452	0.084	0.0104	
2160 minute summer	S21	48.004	J43	2.0	0.443	0.150	0.0898	
2160 minute summer	S22	48.008	J46	4.1	0.391	0.130	0.0967	
2160 minute summer	S23	48.011	J48	5.8	0.448	0.188	0.0447	
2160 minute summer	S24	48.018	J56	11.2	0.506	0.210	0.2989	
2160 minute summer	S25	48.021	BASIN 4	12.4	0.678	0.233	0.2710	
2160 minute summer	S26	65.001	J54	1.2	0.613	0.116	0.0169	
2160 minute summer	FC1	2.000	J1	0.4	0.243	0.064	0.0080	
2160 minute summer	FC1	Infiltration		0.0				0.0
2160 minute summer	FC2	3.000	J2	0.4	0.424	0.067	0.0043	
2160 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC3	1140	188.462	0.262	0.5	0.3598	0.0000	SURCHARGED
2160 minute summer	FC4	1140	188.302	0.102	0.3	0.1288	0.0000	SURCHARGED
2160 minute summer	FC5	1140	188.174	0.174	0.4	0.2277	0.0000	SURCHARGED
2160 minute summer	FC6	1140	187.951	0.101	0.3	0.1275	0.0000	SURCHARGED
2160 minute summer	FC7	1140	187.852	0.102	0.3	0.1292	0.0000	SURCHARGED
2160 minute summer	FC8	1140	187.920	0.170	0.4	0.2227	0.0000	SURCHARGED
2160 minute summer	FC9	1140	187.574	0.104	0.3	0.1308	0.0000	SURCHARGED
2160 minute summer	FC10	1140	187.732	0.262	0.5	0.3592	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC3	4.000	J3	0.5	0.472	0.080	0.0099	
2160 minute summer	FC3	Infiltration		0.0				0.0
2160 minute summer	FC4	5.000	J4	0.3	0.460	0.040	0.0048	
2160 minute summer	FC4	Infiltration		0.0				0.0
2160 minute summer	FC5	6.000	J5	0.4	0.422	0.067	0.0039	
2160 minute summer	FC5	Infiltration		0.0				0.0
2160 minute summer	FC6	7.000	J6	0.3	0.512	0.035	0.0043	
2160 minute summer	FC6	Infiltration		0.0				0.0
2160 minute summer	FC7	8.000	J7	0.3	0.445	0.042	0.0049	
2160 minute summer	FC7	Infiltration		0.0				0.0
2160 minute summer	FC8	9.000	J8	0.4	0.592	0.042	0.0028	
2160 minute summer	FC8	Infiltration		0.0				0.0
2160 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055	
2160 minute summer	FC9	Infiltration		0.0				0.0
2160 minute summer	FC10	11.000	J10	0.5	0.490	0.075	0.0063	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC11	1140	187.494	0.174	0.4	0.2274	0.0000	SURCHARGED
2160 minute summer	FC12	1140	187.404	0.174	0.4	0.2275	0.0000	SURCHARGED
2160 minute summer	FC13	1140	187.174	0.174	0.4	0.2274	0.0000	SURCHARGED
2160 minute summer	FC14	1200	187.023	0.123	0.4	1.5651	0.0000	SURCHARGED
2160 minute summer	FC15	1140	187.299	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC16	1140	187.003	0.103	0.3	0.1302	0.0000	SURCHARGED
2160 minute summer	FC17	1140	187.099	0.099	0.3	0.1252	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC10	Infiltration		0.0				0.0
2160 minute summer	FC11	12.000	J11	0.4	0.425	0.068	0.0073	
2160 minute summer	FC11	Infiltration		0.0				0.0
2160 minute summer	FC12	13.000	S2	0.4	0.425	0.068	0.0065	
2160 minute summer	FC12	Infiltration		0.0				0.0
2160 minute summer	FC13	14.000	J12	0.4	0.426	0.067	0.0064	
2160 minute summer	FC13	Infiltration		0.0				0.0
2160 minute summer	FC14	15.000	J13	0.3	0.404	0.056	0.0332	
2160 minute summer	FC14	Infiltration		0.0				0.0
2160 minute summer	FC15	16.000	J14	0.3	0.826	0.017	0.0187	
2160 minute summer	FC15	Infiltration		0.0				0.0
2160 minute summer	FC16	17.000	J15	0.3	0.410	0.047	0.0342	
2160 minute summer	FC16	Infiltration		0.0				0.0
2160 minute summer	FC17	18.000	J16	0.3	0.648	0.024	0.0194	
2160 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC18	1500	186.930	0.380	0.3	0.4805	0.0000	SURCHARGED
2160 minute summer	FC19	1500	186.930	0.530	0.4	0.6932	0.0000	SURCHARGED
2160 minute summer	FC20	1140	187.117	0.167	0.4	0.2187	0.0000	SURCHARGED
2160 minute summer	FC21	1500	186.929	0.629	0.4	0.9427	0.0000	SURCHARGED
2160 minute summer	FC22	1500	186.931	0.481	0.4	4.6576	0.0000	SURCHARGED
2160 minute summer	FC23	1500	186.930	0.630	0.3	0.8910	0.0000	SURCHARGED
2160 minute summer	FC24	1500	186.930	0.630	0.4	0.9486	0.0000	SURCHARGED
2160 minute summer	FC25	1500	186.931	0.381	0.4	0.4976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0548	
2160 minute summer	FC18	Infiltration		0.0				0.0
2160 minute summer	FC19	20.000	S3	0.4	0.416	0.063	0.0517	
2160 minute summer	FC19	Infiltration		0.0				0.0
2160 minute summer	FC20	21.000	J18	0.4	0.851	0.025	0.0176	
2160 minute summer	FC20	Infiltration		0.0				0.0
2160 minute summer	FC21	22.000	J19	0.4	0.417	0.063	0.0599	
2160 minute summer	FC21	Infiltration		0.0				0.0
2160 minute summer	FC22	23.000	S17	0.2	0.216	0.015	0.0373	
2160 minute summer	FC22	Infiltration		0.0				0.0
2160 minute summer	FC23	24.000	J20	0.3	0.609	0.021	0.0359	
2160 minute summer	FC23	Infiltration		0.0				0.0
2160 minute summer	FC24	25.000	J21	0.4	0.693	0.027	0.0363	
2160 minute summer	FC24	Infiltration		0.0				0.0
2160 minute summer	FC25	26.000	J22	0.4	0.828	0.025	0.0370	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC26	1500	186.930	0.480	0.4	4.8393	0.0000	SURCHARGED
2160 minute summer	FC27	1500	186.930	0.430	0.3	0.5436	0.0000	SURCHARGED
2160 minute summer	FC28	1500	186.930	0.430	0.4	0.5625	0.0000	SURCHARGED
2160 minute summer	FC29	1500	186.930	0.430	0.4	0.5625	0.0000	SURCHARGED
2160 minute summer	FC30	1500	186.930	0.180	0.4	0.2355	0.0000	SURCHARGED
2160 minute summer	FC31	1140	186.551	0.101	0.3	0.1270	0.0000	SURCHARGED
2160 minute summer	FC32	1140	186.549	0.099	0.3	0.1251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC25	Infiltration		0.0				0.0
2160 minute summer	FC26	27.000	J23	-0.2	0.631	-0.017	0.0361	
2160 minute summer	FC26	Infiltration		0.0				0.0
2160 minute summer	FC27	28.000	J24	0.3	0.831	0.014	0.0352	
2160 minute summer	FC27	Infiltration		0.0				0.0
2160 minute summer	FC28	29.000	J25	0.4	0.765	0.025	0.0341	
2160 minute summer	FC28	Infiltration		0.0				0.0
2160 minute summer	FC29	30.000	J26	0.4	0.806	0.026	0.0369	
2160 minute summer	FC29	Infiltration		0.0				0.0
2160 minute summer	FC30	31.000	J27	0.4	0.793	0.027	0.0345	
2160 minute summer	FC30	Infiltration		0.0				0.0
2160 minute summer	FC31	33.000	J28	0.3	0.219	0.033	0.0061	
2160 minute summer	FC31	Infiltration		0.0				0.0
2160 minute summer	FC32	34.000	J29	0.3	0.199	0.024	0.0068	
2160 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC33	1140	186.618	0.168	0.4	0.2195	0.0000	SURCHARGED
2160 minute summer	FC34	1140	186.624	0.174	0.4	0.2271	0.0000	SURCHARGED
2160 minute summer	FC35	1140	186.618	0.168	0.4	0.2194	0.0000	SURCHARGED
2160 minute summer	FC36	1140	186.618	0.168	0.4	0.2190	0.0000	SURCHARGED
2160 minute summer	FC37	1140	186.059	0.259	0.5	0.3557	0.0000	SURCHARGED
2160 minute summer	FC38	1140	185.526	0.076	0.3	0.9114	0.0000	OK
2160 minute summer	FC39	1140	185.549	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC40	1140	185.667	0.167	0.4	0.2185	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC33	35.000	S12	0.4	0.779	0.028	0.0021	
2160 minute summer	FC33	Infiltration		0.0				0.0
2160 minute summer	FC34	36.000	J30	0.4	0.436	0.065	0.0044	
2160 minute summer	FC34	Infiltration		0.0				0.0
2160 minute summer	FC35	37.000	J31	0.4	0.784	0.028	0.0026	
2160 minute summer	FC35	Infiltration		0.0				0.0
2160 minute summer	FC36	38.000	J32	0.4	0.822	0.026	0.0024	
2160 minute summer	FC36	Infiltration		0.0				0.0
2160 minute summer	FC37	39.000	J33	0.5	0.601	0.056	0.0054	
2160 minute summer	FC37	Infiltration		0.0				0.0
2160 minute summer	FC38	40.000	J34	0.3	0.629	0.021	0.0019	
2160 minute summer	FC38	Infiltration		0.0				0.0
2160 minute summer	FC39	41.000	J35	0.3	0.727	0.021	0.0018	
2160 minute summer	FC39	Infiltration		0.0				0.0
2160 minute summer	FC40	42.000	J36	0.4	0.965	0.021	0.0021	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC41	1140	185.020	0.170	0.4	0.2219	0.0000	SURCHARGED
2160 minute summer	FC42	1140	184.771	0.171	0.4	0.2236	0.0000	SURCHARGED
2160 minute summer	FC43	1140	184.770	0.170	0.4	0.2220	0.0000	SURCHARGED
2160 minute summer	FC44	2400	184.614	0.014	0.3	0.0174	0.0000	OK
2160 minute summer	FC45	1140	184.699	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC46	1140	184.963	0.263	0.5	0.3606	0.0000	SURCHARGED
2160 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute summer	FC48	1140	184.968	0.168	0.4	0.2193	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC40	Infiltration		0.0				0.0
2160 minute summer	FC41	43.000	J37	0.4	0.633	0.038	0.0032	
2160 minute summer	FC41	Infiltration		0.0				0.0
2160 minute summer	FC42	44.000	J38	0.4	0.552	0.046	0.0209	
2160 minute summer	FC42	Infiltration		0.0				0.0
2160 minute summer	FC43	45.000	J39	0.4	0.626	0.039	0.0183	
2160 minute summer	FC43	Infiltration		0.0				0.0
2160 minute summer	FC44	46.000	J40	0.3	0.587	0.028	0.0186	
2160 minute summer	FC44	Infiltration		0.0				0.0
2160 minute summer	FC45	47.000	S10	0.3	0.677	0.023	0.0195	
2160 minute summer	FC45	Infiltration		0.0				0.0
2160 minute summer	FC46	48.000	S20	0.5	0.445	0.084	0.0067	
2160 minute summer	FC46	Infiltration		0.0				0.0
2160 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0111	
2160 minute summer	FC48	50.000	J42	0.4	0.376	0.029	0.0196	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC49	1140	184.974	0.174	0.4	0.2277	0.0000	SURCHARGED
2160 minute summer	FC50	1140	184.974	0.174	0.4	0.2276	0.0000	SURCHARGED
2160 minute summer	FC51	1140	185.024	0.174	0.4	0.2275	0.0000	SURCHARGED
2160 minute summer	FC52	1140	185.420	0.170	0.4	0.2222	0.0000	SURCHARGED
2160 minute summer	FC53	1140	185.421	0.171	0.4	0.2230	0.0000	SURCHARGED
2160 minute summer	FC54	1140	185.350	0.100	0.3	0.1261	0.0000	OK
2160 minute summer	FC55	1140	185.349	0.099	0.3	0.1251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC48	Infiltration		0.0				0.0
2160 minute summer	FC49	51.000	S21	0.4	0.423	0.067	0.0041	
2160 minute summer	FC49	Infiltration		0.0				0.0
2160 minute summer	FC50	52.000	J43	0.4	0.423	0.067	0.0044	
2160 minute summer	FC50	Infiltration		0.0				0.0
2160 minute summer	FC51	55.000	S22	0.4	0.424	0.068	0.0058	
2160 minute summer	FC51	Infiltration		0.0				0.0
2160 minute summer	FC52	58.000	S23	0.4	0.616	0.040	0.0035	
2160 minute summer	FC52	Infiltration		0.0				0.0
2160 minute summer	FC53	61.000	J50	0.4	0.580	0.043	0.0029	
2160 minute summer	FC53	Infiltration		0.0				0.0
2160 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020	
2160 minute summer	FC54	Infiltration		0.0				0.0
2160 minute summer	FC55	64.000	J53	0.3	0.743	0.020	0.0017	
2160 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC56	1140	185.449	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC57	1140	185.449	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC58	1140	185.449	0.099	0.3	0.1251	0.0000	OK
2160 minute summer	FC59	1140	185.449	0.099	0.3	0.1252	0.0000	OK
2160 minute summer	FC60	1140	185.519	0.169	0.4	0.2208	0.0000	SURCHARGED
2160 minute summer	FC61	1140	185.471	0.171	0.4	0.2235	0.0000	SURCHARGED
2160 minute summer	FC62	1140	185.510	0.260	0.5	0.3573	0.0000	SURCHARGED
2160 minute summer	FC63	1140	185.503	0.103	0.3	0.1306	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC56	53.000	J44	0.3	0.765	0.019	0.0026	
2160 minute summer	FC56	Infiltration		0.0				0.0
2160 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027	
2160 minute summer	FC57	Infiltration		0.0				0.0
2160 minute summer	FC58	56.000	J46	0.3	0.691	0.022	0.0027	
2160 minute summer	FC58	Infiltration		0.0				0.0
2160 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030	
2160 minute summer	FC59	Infiltration		0.0				0.0
2160 minute summer	FC60	59.000	J48	0.4	0.691	0.034	0.0038	
2160 minute summer	FC60	Infiltration		0.0				0.0
2160 minute summer	FC61	60.000	J49	0.4	0.555	0.046	0.0053	
2160 minute summer	FC61	Infiltration		0.0				0.0
2160 minute summer	FC62	63.000	J52	0.5	0.545	0.065	0.0086	
2160 minute summer	FC62	Infiltration		0.0				0.0
2160 minute summer	FC63	65.000	S26	0.3	0.286	0.051	0.0025	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	FC64	1140	185.253	0.103	0.3	0.1306	0.0000	SURCHARGED
2160 minute summer	FC65	1140	185.320	0.170	0.4	0.2222	0.0000	SURCHARGED
2160 minute summer	FC66	1140	185.173	0.173	0.4	0.2260	0.0000	SURCHARGED
2160 minute summer	FC67	1140	184.882	0.082	0.3	0.8411	0.0000	OK
2160 minute summer	FC68	1140	184.651	0.101	0.3	0.1277	0.0000	SURCHARGED
2160 minute summer	J1	1140	188.235	0.035	2.0	0.0533	0.0000	OK
2160 minute summer	J2	1140	188.108	0.051	2.4	0.0582	0.0000	OK
2160 minute summer	J3	1140	188.098	0.048	2.9	0.0542	0.0000	OK
2160 minute summer	J4	1140	188.073	0.034	3.2	0.0380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	FC63	Infiltration		0.0				0.0
2160 minute summer	FC64	66.000	J54	0.3	0.185	0.051	0.0037	
2160 minute summer	FC64	Infiltration		0.0				0.0
2160 minute summer	FC65	67.000	J55	0.4	0.276	0.041	0.0034	
2160 minute summer	FC65	Infiltration		0.0				0.0
2160 minute summer	FC66	68.000	S24	0.4	0.476	0.056	0.0018	
2160 minute summer	FC66	Infiltration		0.0				0.0
2160 minute summer	FC67	69.000	J56	0.3	0.368	0.044	0.0015	
2160 minute summer	FC67	Infiltration		0.0				0.0
2160 minute summer	FC68	70.000	J57	0.3	0.515	0.033	0.0178	
2160 minute summer	FC68	Infiltration		0.0				0.0
2160 minute summer	J1	1.001	J2	2.0	0.838	0.241	0.0120	
2160 minute summer	J2	1.002	J3	2.4	0.471	0.178	0.0053	
2160 minute summer	J3	1.003	J4	2.9	0.750	0.218	0.0076	
2160 minute summer	J4	1.004	J5	3.2	1.148	0.094	0.0098	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J5	1140	187.941	0.031	3.6	0.0352	0.0000	OK
2160 minute summer	J6	1140	187.693	0.043	3.9	0.0489	0.0000	OK
2160 minute summer	J7	1140	187.579	0.054	4.2	0.0613	0.0000	OK
2160 minute summer	J8	1140	187.556	0.035	4.6	0.0392	0.0000	OK
2160 minute summer	J9	1140	187.333	0.058	4.9	0.0653	0.0000	OK
2160 minute summer	J10	1140	187.303	0.033	5.4	0.0375	0.0000	OK
2160 minute summer	J11	1140	187.167	0.046	5.8	0.0523	0.0000	OK
2160 minute summer	J12	1500	186.921	0.112	8.4	0.1263	0.0000	OK
2160 minute summer	J13	1500	186.921	0.294	8.7	0.3322	0.0000	OK
2160 minute summer	J14	1500	186.921	0.299	9.0	0.3378	0.0000	OK
2160 minute summer	J15	1500	186.921	0.304	9.3	0.3434	0.0000	SURCHARGED
2160 minute summer	J16	1500	186.921	0.316	9.6	0.3569	0.0000	SURCHARGED
2160 minute summer	J17	1500	186.921	0.638	9.9	0.7210	0.0000	SURCHARGED
2160 minute summer	J18	1500	186.920	0.795	11.1	0.8996	0.0000	SURCHARGED
2160 minute summer	J19	1500	186.920	0.893	17.8	1.0104	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J5	1.005	J6	3.6	1.059	0.094	0.0194	
2160 minute summer	J6	1.006	J7	3.9	1.021	0.137	0.0075	
2160 minute summer	J7	1.007	J8	4.2	0.764	0.137	0.0063	
2160 minute summer	J8	1.008	J9	4.6	0.785	0.052	0.0503	
2160 minute summer	J9	1.009	J10	4.9	0.856	0.147	0.0070	
2160 minute summer	J10	1.010	J11	5.4	1.146	0.042	0.0116	
2160 minute summer	J11	1.011	S2	5.8	0.606	0.090	0.0522	
2160 minute summer	J12	1.013	J13	8.4	1.098	0.125	0.1912	
2160 minute summer	J13	1.014	J14	8.7	0.485	0.154	0.1331	
2160 minute summer	J14	1.015	J15	9.0	0.565	0.160	0.1349	
2160 minute summer	J15	1.016	J16	9.3	0.761	0.175	0.3610	
2160 minute summer	J16	1.017	J17	9.6	1.060	0.067	0.2366	
2160 minute summer	J17	1.018	S3	9.4	0.879	0.030	0.1328	
2160 minute summer	J18	1.020	J19	17.5	0.793	0.061	0.1049	
2160 minute summer	J19	1.021	S4	11.3	0.618	0.205	0.3096	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J20	1500	186.921	0.890	1.4	1.0065	0.0000	SURCHARGED
2160 minute summer	J21	1500	186.921	0.912	1.7	1.0313	0.0000	SURCHARGED
2160 minute summer	J22	1500	186.921	0.958	2.0	1.0833	0.0000	SURCHARGED
2160 minute summer	J23	1500	186.921	0.979	2.1	1.1069	0.0000	SURCHARGED
2160 minute summer	J24	1500	186.921	1.104	3.1	1.2481	0.0000	FLOOD RISK
2160 minute summer	J25	1500	186.921	1.124	3.3	1.2718	0.0000	FLOOD RISK
2160 minute summer	J26	1500	186.921	1.141	4.4	1.2910	0.0000	FLOOD RISK
2160 minute summer	J27	1500	186.920	1.184	4.9	1.3395	0.0000	SURCHARGED
2160 minute summer	J28	1140	186.390	0.034	1.4	0.0381	0.0000	OK
2160 minute summer	J29	1140	186.310	0.039	1.7	0.0439	0.0000	OK
2160 minute summer	J30	1140	186.204	0.057	3.6	0.0646	0.0000	OK
2160 minute summer	J31	1140	186.102	0.058	4.0	0.0654	0.0000	OK
2160 minute summer	J32	1140	186.067	0.056	4.4	0.0637	0.0000	OK
2160 minute summer	J33	1140	185.572	0.037	6.0	0.0414	0.0000	OK
2160 minute summer	J34	1140	185.194	0.069	7.5	0.0784	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J20	23.002	J21	1.3	0.423	0.099	0.0665	
2160 minute summer	J21	23.003	J22	1.6	0.449	0.121	0.1411	
2160 minute summer	J22	23.004	J23	1.9	0.493	0.139	0.0633	
2160 minute summer	J23	23.005	S18	2.1	0.499	0.155	0.1321	
2160 minute summer	J24	23.007	J25	2.9	0.404	0.097	0.2458	
2160 minute summer	J25	23.008	J26	4.1	0.398	0.134	0.1975	
2160 minute summer	J26	23.009	S19	3.8	0.395	0.123	0.1474	
2160 minute summer	J27	23.011	S4	7.5	0.527	0.252	0.0951	
2160 minute summer	J28	32.001	J29	1.4	0.547	0.236	0.0226	
2160 minute summer	J29	32.002	S12	1.7	0.630	0.286	0.0126	
2160 minute summer	J30	32.004	J31	3.6	0.614	0.271	0.0292	
2160 minute summer	J31	32.005	J32	4.0	0.506	0.133	0.0770	
2160 minute summer	J32	32.006	S13	4.4	0.741	0.146	0.0318	
2160 minute summer	J33	32.008	S14	6.0	0.910	0.058	0.0609	
2160 minute summer	J34	32.010	J35	7.5	0.944	0.193	0.0720	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J35	1140	185.120	0.045	7.8	0.0506	0.0000	OK
2160 minute summer	J36	1140	184.949	0.074	8.2	0.0836	0.0000	OK
2160 minute summer	J37	2400	184.613	0.113	9.7	0.1279	0.0000	OK
2160 minute summer	J38	2400	184.613	0.313	11.3	0.3545	0.0000	SURCHARGED
2160 minute summer	J39	2400	184.613	0.339	11.7	0.3839	0.0000	SURCHARGED
2160 minute summer	J40	2400	184.613	0.348	12.0	0.3937	0.0000	SURCHARGED
2160 minute summer	J41	2220	184.650	0.053	0.5	0.0599	0.0000	OK
2160 minute summer	J42	2220	184.650	0.113	0.9	0.1280	0.0000	SURCHARGED
2160 minute summer	J43	2220	184.650	0.270	2.4	0.3055	0.0000	SURCHARGED
2160 minute summer	J44	2220	184.650	0.280	2.7	0.3167	0.0000	SURCHARGED
2160 minute summer	J45	2220	184.650	0.330	3.0	0.3731	0.0000	SURCHARGED
2160 minute summer	J46	2280	184.651	0.429	4.4	0.4857	0.0000	SURCHARGED
2160 minute summer	J47	2220	184.650	0.443	4.7	0.5011	0.0000	SURCHARGED
2160 minute summer	J48	2220	184.650	0.456	6.2	0.5159	0.0000	SURCHARGED
2160 minute summer	J49	2220	184.650	0.481	6.6	0.5441	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J35	32.011	J36	7.8	0.930	0.087	0.0581	
2160 minute summer	J36	32.012	S15	8.2	0.910	0.272	0.0214	
2160 minute summer	J37	32.014	S16	9.7	1.014	0.177	0.1360	
2160 minute summer	J38	32.016	J39	11.3	0.598	0.210	0.7617	
2160 minute summer	J39	32.017	J40	11.7	0.744	0.215	0.2574	
2160 minute summer	J40	32.018	S10	12.0	0.923	0.121	0.6738	
2160 minute summer	J41	48.002	J42	0.5	0.360	0.084	0.0374	
2160 minute summer	J42	48.003	S21	0.9	0.535	0.152	0.0640	
2160 minute summer	J43	48.005	J44	2.4	0.488	0.172	0.0283	
2160 minute summer	J44	48.006	J45	2.7	0.525	0.202	0.1545	
2160 minute summer	J45	48.007	S22	3.0	0.582	0.221	0.0419	
2160 minute summer	J46	48.009	J47	4.4	0.378	0.143	0.1676	
2160 minute summer	J47	48.010	S23	4.7	0.363	0.156	0.1050	
2160 minute summer	J48	48.012	J49	6.2	0.448	0.207	0.2962	
2160 minute summer	J49	48.013	J50	6.6	0.448	0.215	0.0451	

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	J50	2220	184.650	0.485	7.0	0.5486	0.0000	SURCHARGED
2160 minute summer	J51	2280	184.651	0.502	7.3	0.5683	0.0000	SURCHARGED
2160 minute summer	J52	2220	184.650	0.506	7.8	0.5723	0.0000	SURCHARGED
2160 minute summer	J53	2220	184.650	0.523	8.1	0.5915	0.0000	SURCHARGED
2160 minute summer	J54	1140	185.166	0.037	1.5	0.0415	0.0000	OK
2160 minute summer	J55	1140	185.129	0.035	1.9	0.0400	0.0000	OK
2160 minute summer	J56	2220	184.650	0.643	11.5	0.7272	0.0000	SURCHARGED
2160 minute summer	J57	2220	184.650	0.665	11.7	0.7521	0.0000	SURCHARGED
2160 minute summer	BASIN 1	1500	186.920	1.995	17.3	299.5434	0.0000	FLOOD RISK
2160 minute summer	BASIN 2	1320	184.858	0.558	5.0	56.5419	0.0000	OK
2160 minute summer	BASIN 3	2400	184.613	1.513	19.8	893.0921	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	J50	48.014	J51	7.0	0.472	0.234	0.2018	
2160 minute summer	J51	48.015	J52	7.3	0.496	0.238	0.0451	
2160 minute summer	J52	48.016	J53	7.8	0.571	0.255	0.1938	
2160 minute summer	J53	48.017	S24	8.1	0.663	0.268	0.4079	
2160 minute summer	J54	65.002	J55	1.5	0.590	0.253	0.0093	
2160 minute summer	J55	65.003	S24	1.9	0.786	0.250	0.0190	
2160 minute summer	J56	48.019	J57	11.4	0.524	0.211	0.6398	
2160 minute summer	J57	48.020	S25	11.6	0.547	0.213	0.4307	
2160 minute summer	BASIN 1	1.023	S5	4.9	0.048	0.059	0.9418	
2160 minute summer	BASIN 1	Infiltration		0.1				12.8
2160 minute summer	BASIN 2	1.027	S7	4.9	0.624	0.059	0.1760	
2160 minute summer	BASIN 2	71.000	BH1	0.4	0.485	0.072	0.1829	
2160 minute summer	BASIN 2	Infiltration		0.0				0.0
2160 minute summer	BASIN 3	1.034	BH2	0.6	-0.021	0.004	1.8265	
2160 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute summer	BASIN 4	2220	184.650	1.320	13.8	435.0918	0.0000	SURCHARGED
2160 minute summer	SWALE 1	1500	184.935	0.061	4.9	0.0877	0.0000	OK
2160 minute summer	SWALE 2	2400	184.614	0.239	4.9	0.3414	0.0000	OK
2160 minute summer	SWALE 3	2400	184.612	0.617	19.6	0.8831	0.0000	SURCHARGED
2160 minute summer	BH1	1320	184.857	0.780	0.4	3.0649	0.0000	OK
2160 minute summer	BH2	2400	184.613	1.530	0.6	8.0397	0.0000	OK
2160 minute summer	BH3	2220	184.650	1.331	0.4	7.3543	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	BASIN 4	48.022	BH3	0.4	0.239	0.007	0.3211	
2160 minute summer	BASIN 4	Infiltration		0.0				0.0
2160 minute summer	SWALE 1	1.025	S6	4.9	0.407	0.059	0.4536	
2160 minute summer	SWALE 2	1.029	S8	4.9	0.597	0.059	2.1018	
2160 minute summer	SWALE 3	1.033	BASIN 3	18.1	0.811	0.144	4.7654	
2160 minute summer	BH1	Infiltration		0.1				12.4
2160 minute summer	BH2	Infiltration		0.2				15.4
2160 minute summer	BH3	Infiltration		0.2				23.9

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S1	1140	188.388	0.018	0.6	0.0268	0.0000	OK
2160 minute winter	S2	1140	187.110	0.071	5.8	0.1276	0.0000	OK
2160 minute winter	S3	1560	186.885	0.748	33.8	1.0086	0.0000	SURCHARGED
2160 minute winter	S4	1560	186.884	1.506	18.2	1.9538	0.0000	SURCHARGED
2160 minute winter	S5	1560	186.884	1.974	4.9	2.8246	0.0000	FLOOD RISK
2160 minute winter	S6	1560	184.871	0.063	4.9	0.0908	0.0000	OK
2160 minute winter	S7	1380	184.792	0.033	4.9	0.0471	0.0000	OK
2160 minute winter	S8	2400	184.607	0.276	5.6	0.3956	0.0000	OK
2160 minute winter	S9	2400	184.607	0.482	7.9	0.6892	0.0000	SURCHARGED
2160 minute winter	S10	2400	184.606	0.492	15.6	0.9155	0.0000	SURCHARGED
2160 minute winter	S11	1080	186.424	0.024	0.7	0.0387	0.0000	OK
2160 minute winter	S12	1200	186.219	0.043	2.1	0.0650	0.0000	OK
2160 minute winter	S13	1200	186.023	0.030	3.7	0.0466	0.0000	OK
2160 minute winter	S14	1140	185.227	0.051	4.9	0.0834	0.0000	OK
2160 minute winter	S15	1140	184.909	0.042	6.4	0.0675	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S1	1.000	J1	0.6	0.415	0.069	0.0121	
2160 minute winter	S2	1.012	J12	5.8	0.593	0.194	0.0146	
2160 minute winter	S3	1.019	J18	7.4	0.859	0.139	0.3613	
2160 minute winter	S4	1.022	BASIN 1	13.3	0.670	0.079	1.1778	
2160 minute winter	S5	1.024	SWALE 1	4.9	0.411	0.058	0.2397	
2160 minute winter	S6	1.026	BASIN 2	4.9	0.410	0.056	0.0678	
2160 minute winter	S7	1.028	SWALE 2	4.9	0.616	0.016	0.6307	
2160 minute winter	S8	1.030	S9	5.1	0.640	0.019	1.1858	
2160 minute winter	S9	1.031	S10	6.9	0.599	0.082	0.7372	
2160 minute winter	S10	1.032	SWALE 3	29.1	0.953	0.088	0.4809	
2160 minute winter	S11	32.000	J28	0.7	0.452	0.118	0.0070	
2160 minute winter	S12	32.003	J30	2.1	0.484	0.157	0.0221	
2160 minute winter	S13	32.007	J33	3.7	1.164	0.038	0.0416	
2160 minute winter	S14	32.009	J34	4.9	0.664	0.097	0.0387	
2160 minute winter	S15	32.013	J37	6.4	1.302	0.069	0.0458	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	S16	2400	184.606	0.119	7.5	0.1866	0.0000	OK
2160 minute winter	S17	1560	186.886	0.736	1.0	1.2042	0.0000	FLOOD RISK
2160 minute winter	S18	1560	186.885	1.061	2.4	1.6050	0.0000	FLOOD RISK
2160 minute winter	S19	1560	186.885	1.119	7.3	1.6466	0.0000	SURCHARGED
2160 minute winter	S20	1140	184.660	0.018	0.4	0.0204	0.0000	OK
2160 minute winter	S21	2160	184.652	0.243	1.5	0.3269	0.0000	SURCHARGED
2160 minute winter	S22	2160	184.652	0.421	3.0	0.5520	0.0000	SURCHARGED
2160 minute winter	S23	2160	184.652	0.454	4.2	0.5918	0.0000	SURCHARGED
2160 minute winter	S24	2160	184.652	0.635	8.1	0.8469	0.0000	SURCHARGED
2160 minute winter	S25	2160	184.652	0.682	9.0	0.9600	0.0000	SURCHARGED
2160 minute winter	S26	1080	185.396	0.019	0.8	0.0285	0.0000	OK
2160 minute winter	FC1	1200	188.353	0.103	0.3	0.1348	0.0000	SURCHARGED
2160 minute winter	FC2	1200	188.254	0.104	0.3	0.1357	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	S16	32.015	J38	7.5	0.824	0.024	0.1114	
2160 minute winter	S17	23.001	J20	0.9	0.534	0.153	0.0560	
2160 minute winter	S18	23.006	J24	3.1	0.376	0.096	0.0729	
2160 minute winter	S19	23.010	J27	4.6	0.445	0.153	0.3541	
2160 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0110	
2160 minute winter	S21	48.004	J43	1.5	0.418	0.112	0.0898	
2160 minute winter	S22	48.008	J46	3.0	0.385	0.095	0.0967	
2160 minute winter	S23	48.011	J48	4.2	0.428	0.136	0.0447	
2160 minute winter	S24	48.018	J56	8.1	0.474	0.151	0.2989	
2160 minute winter	S25	48.021	BASIN 4	9.0	0.626	0.169	0.2710	
2160 minute winter	S26	65.001	J54	0.8	0.551	0.077	0.0125	
2160 minute winter	FC1	2.000	J1	0.3	0.243	0.048	0.0065	
2160 minute winter	FC1	Infiltration		0.0				0.0
2160 minute winter	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
2160 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC3	1140	188.373	0.173	0.4	0.2380	0.0000	SURCHARGED
2160 minute winter	FC4	1140	188.251	0.051	0.2	0.0640	0.0000	OK
2160 minute winter	FC5	1200	188.104	0.104	0.3	0.1357	0.0000	SURCHARGED
2160 minute winter	FC6	1080	187.900	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC7	1140	187.801	0.051	0.2	0.0643	0.0000	OK
2160 minute winter	FC8	1200	187.851	0.101	0.3	0.1315	0.0000	SURCHARGED
2160 minute winter	FC9	1140	187.522	0.052	0.2	0.0656	0.0000	OK
2160 minute winter	FC10	1140	187.643	0.173	0.4	0.2375	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC3	4.000	J3	0.4	0.443	0.064	0.0084	
2160 minute winter	FC3	Infiltration		0.0				0.0
2160 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2160 minute winter	FC4	Infiltration		0.0				0.0
2160 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
2160 minute winter	FC5	Infiltration		0.0				0.0
2160 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2160 minute winter	FC6	Infiltration		0.0				0.0
2160 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2160 minute winter	FC7	Infiltration		0.0				0.0
2160 minute winter	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
2160 minute winter	FC8	Infiltration		0.0				0.0
2160 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2160 minute winter	FC9	Infiltration		0.0				0.0
2160 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC11	1200	187.424	0.104	0.3	0.1356	0.0000	SURCHARGED
2160 minute winter	FC12	1200	187.334	0.104	0.3	0.1356	0.0000	SURCHARGED
2160 minute winter	FC13	1200	187.104	0.104	0.3	0.1355	0.0000	SURCHARGED
2160 minute winter	FC14	1200	186.994	0.094	0.3	1.1978	0.0000	OK
2160 minute winter	FC15	1080	187.250	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC16	1140	186.952	0.052	0.2	0.0651	0.0000	OK
2160 minute winter	FC17	1080	187.050	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC10	Infiltration		0.0				0.0
2160 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
2160 minute winter	FC11	Infiltration		0.0				0.0
2160 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
2160 minute winter	FC12	Infiltration		0.0				0.0
2160 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
2160 minute winter	FC13	Infiltration		0.0				0.0
2160 minute winter	FC14	15.000	J13	0.3	0.387	0.048	0.0192	
2160 minute winter	FC14	Infiltration		0.0				0.0
2160 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0125	
2160 minute winter	FC15	Infiltration		0.0				0.0
2160 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0227	
2160 minute winter	FC16	Infiltration		0.0				0.0
2160 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0166	
2160 minute winter	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC18	1560	186.894	0.344	0.2	0.4348	0.0000	SURCHARGED
2160 minute winter	FC19	1560	186.894	0.494	0.3	0.6459	0.0000	SURCHARGED
2160 minute winter	FC20	1200	187.049	0.099	0.3	0.1296	0.0000	OK
2160 minute winter	FC21	1560	186.894	0.594	0.3	0.7764	0.0000	SURCHARGED
2160 minute winter	FC22	1620	186.895	0.445	0.3	4.3124	0.0000	SURCHARGED
2160 minute winter	FC23	1560	186.895	0.595	0.2	0.7513	0.0000	SURCHARGED
2160 minute winter	FC24	1560	186.895	0.595	0.3	0.7773	0.0000	SURCHARGED
2160 minute winter	FC25	1560	186.895	0.345	0.3	0.4504	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC18	19.000	J17	0.9	0.347	0.152	0.0548	
2160 minute winter	FC18	Infiltration		0.0				0.0
2160 minute winter	FC19	20.000	S3	0.9	0.391	0.160	0.0517	
2160 minute winter	FC19	Infiltration		0.0				0.0
2160 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0176	
2160 minute winter	FC20	Infiltration		0.0				0.0
2160 minute winter	FC21	22.000	J19	0.5	0.383	0.084	0.0599	
2160 minute winter	FC21	Infiltration		0.0				0.0
2160 minute winter	FC22	23.000	S17	0.2	0.203	0.013	0.0373	
2160 minute winter	FC22	Infiltration		0.0				0.0
2160 minute winter	FC23	24.000	J20	0.2	0.609	0.015	0.0359	
2160 minute winter	FC23	Infiltration		0.0				0.0
2160 minute winter	FC24	25.000	J21	0.3	0.693	0.022	0.0363	
2160 minute winter	FC24	Infiltration		0.0				0.0
2160 minute winter	FC25	26.000	J22	0.3	0.761	0.019	0.0370	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC26	1620	186.894	0.444	0.3	4.4802	0.0000	SURCHARGED
2160 minute winter	FC27	1560	186.894	0.394	0.2	0.4981	0.0000	SURCHARGED
2160 minute winter	FC28	1560	186.894	0.394	0.3	0.5153	0.0000	SURCHARGED
2160 minute winter	FC29	1560	186.894	0.394	0.3	0.5153	0.0000	SURCHARGED
2160 minute winter	FC30	1560	186.894	0.144	0.3	0.1883	0.0000	SURCHARGED
2160 minute winter	FC31	1080	186.500	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC32	1080	186.500	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC25	Infiltration		0.0				0.0
2160 minute winter	FC26	27.000	J23	0.2	0.591	0.015	0.0361	
2160 minute winter	FC26	Infiltration		0.0				0.0
2160 minute winter	FC27	28.000	J24	0.2	0.831	0.009	0.0352	
2160 minute winter	FC27	Infiltration		0.0				0.0
2160 minute winter	FC28	29.000	J25	0.3	0.765	0.019	0.0341	
2160 minute winter	FC28	Infiltration		0.0				0.0
2160 minute winter	FC29	30.000	J26	0.3	0.744	0.020	0.0369	
2160 minute winter	FC29	Infiltration		0.0				0.0
2160 minute winter	FC30	31.000	J27	1.0	0.729	0.069	0.0345	
2160 minute winter	FC30	Infiltration		0.0				0.0
2160 minute winter	FC31	33.000	J28	0.2	0.215	0.022	0.0044	
2160 minute winter	FC31	Infiltration		0.0				0.0
2160 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0049	
2160 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC33	1200	186.549	0.099	0.3	0.1296	0.0000	OK
2160 minute winter	FC34	1200	186.554	0.103	0.3	0.1353	0.0000	SURCHARGED
2160 minute winter	FC35	1200	186.549	0.099	0.3	0.1296	0.0000	OK
2160 minute winter	FC36	1200	186.549	0.099	0.3	0.1296	0.0000	OK
2160 minute winter	FC37	1140	185.971	0.171	0.4	0.2344	0.0000	SURCHARGED
2160 minute winter	FC38	1260	185.500	0.050	0.2	0.5979	0.0000	OK
2160 minute winter	FC39	1080	185.500	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC40	1200	185.599	0.099	0.3	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
2160 minute winter	FC33	Infiltration		0.0				0.0
2160 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
2160 minute winter	FC34	Infiltration		0.0				0.0
2160 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
2160 minute winter	FC35	Infiltration		0.0				0.0
2160 minute winter	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
2160 minute winter	FC36	Infiltration		0.0				0.0
2160 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0046	
2160 minute winter	FC37	Infiltration		0.0				0.0
2160 minute winter	FC38	40.000	J34	0.2	0.584	0.016	0.0016	
2160 minute winter	FC38	Infiltration		0.0				0.0
2160 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2160 minute winter	FC39	Infiltration		0.0				0.0
2160 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC41	1200	184.950	0.100	0.3	0.1307	0.0000	SURCHARGED
2160 minute winter	FC42	1200	184.701	0.101	0.3	0.1323	0.0000	SURCHARGED
2160 minute winter	FC43	1200	184.700	0.100	0.3	0.1309	0.0000	SURCHARGED
2160 minute winter	FC44	1020	184.610	0.010	0.2	0.0123	0.0000	OK
2160 minute winter	FC45	1080	184.650	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC46	1140	184.874	0.174	0.4	0.2387	0.0000	SURCHARGED
2160 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2160 minute winter	FC48	1200	184.899	0.099	0.3	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC40	Infiltration		0.0				0.0
2160 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026	
2160 minute winter	FC41	Infiltration		0.0				0.0
2160 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0198	
2160 minute winter	FC42	Infiltration		0.0				0.0
2160 minute winter	FC43	45.000	J39	0.3	0.575	0.029	0.0174	
2160 minute winter	FC43	Infiltration		0.0				0.0
2160 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0177	
2160 minute winter	FC44	Infiltration		0.0				0.0
2160 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0185	
2160 minute winter	FC45	Infiltration		0.0				0.0
2160 minute winter	FC46	48.000	S20	0.4	0.418	0.067	0.0057	
2160 minute winter	FC46	Infiltration		0.0				0.0
2160 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0116	
2160 minute winter	FC48	50.000	J42	0.3	0.360	0.021	0.0196	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC49	1200	184.904	0.104	0.3	0.1357	0.0000	SURCHARGED
2160 minute winter	FC50	1200	184.904	0.104	0.3	0.1357	0.0000	SURCHARGED
2160 minute winter	FC51	1200	184.954	0.104	0.3	0.1356	0.0000	SURCHARGED
2160 minute winter	FC52	1200	185.350	0.100	0.3	0.1310	0.0000	SURCHARGED
2160 minute winter	FC53	1200	185.351	0.101	0.3	0.1317	0.0000	SURCHARGED
2160 minute winter	FC54	1080	185.300	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC55	1080	185.300	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC48	Infiltration		0.0				0.0
2160 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
2160 minute winter	FC49	Infiltration		0.0				0.0
2160 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
2160 minute winter	FC50	Infiltration		0.0				0.0
2160 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
2160 minute winter	FC51	Infiltration		0.0				0.0
2160 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
2160 minute winter	FC52	Infiltration		0.0				0.0
2160 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
2160 minute winter	FC53	Infiltration		0.0				0.0
2160 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2160 minute winter	FC54	Infiltration		0.0				0.0
2160 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2160 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC56	1080	185.400	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC57	1080	185.400	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC58	1080	185.400	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC59	1080	185.400	0.050	0.2	0.0634	0.0000	OK
2160 minute winter	FC60	1200	185.449	0.099	0.3	0.1298	0.0000	OK
2160 minute winter	FC61	1200	185.401	0.101	0.3	0.1322	0.0000	SURCHARGED
2160 minute winter	FC62	1140	185.422	0.172	0.4	0.2358	0.0000	SURCHARGED
2160 minute winter	FC63	1140	185.452	0.052	0.2	0.0654	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2160 minute winter	FC56	Infiltration		0.0				0.0
2160 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2160 minute winter	FC57	Infiltration		0.0				0.0
2160 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2160 minute winter	FC58	Infiltration		0.0				0.0
2160 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2160 minute winter	FC59	Infiltration		0.0				0.0
2160 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
2160 minute winter	FC60	Infiltration		0.0				0.0
2160 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
2160 minute winter	FC61	Infiltration		0.0				0.0
2160 minute winter	FC62	63.000	J52	0.4	0.511	0.052	0.0073	
2160 minute winter	FC62	Infiltration		0.0				0.0
2160 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0019	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	FC64	1140	185.202	0.052	0.2	0.0654	0.0000	OK
2160 minute winter	FC65	1200	185.250	0.100	0.3	0.1311	0.0000	SURCHARGED
2160 minute winter	FC66	1200	185.103	0.103	0.3	0.1343	0.0000	SURCHARGED
2160 minute winter	FC67	1260	184.852	0.052	0.2	0.5352	0.0000	OK
2160 minute winter	FC68	2160	184.652	0.102	0.2	0.1286	0.0000	SURCHARGED
2160 minute winter	J1	1140	188.230	0.030	1.5	0.0456	0.0000	OK
2160 minute winter	J2	1140	188.100	0.044	1.8	0.0499	0.0000	OK
2160 minute winter	J3	1140	188.092	0.042	2.2	0.0470	0.0000	OK
2160 minute winter	J4	1140	188.068	0.029	2.4	0.0326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	FC63	Infiltration		0.0				0.0
2160 minute winter	FC64	66.000	J54	0.2	0.177	0.034	0.0027	
2160 minute winter	FC64	Infiltration		0.0				0.0
2160 minute winter	FC65	67.000	J55	0.3	0.275	0.031	0.0026	
2160 minute winter	FC65	Infiltration		0.0				0.0
2160 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
2160 minute winter	FC66	Infiltration		0.0				0.0
2160 minute winter	FC67	69.000	J56	0.2	0.340	0.034	0.0012	
2160 minute winter	FC67	Infiltration		0.0				0.0
2160 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0178	
2160 minute winter	FC68	Infiltration		0.0				0.0
2160 minute winter	J1	1.001	J2	1.5	0.777	0.181	0.0097	
2160 minute winter	J2	1.002	J3	1.8	0.437	0.134	0.0043	
2160 minute winter	J3	1.003	J4	2.2	0.700	0.166	0.0062	
2160 minute winter	J4	1.004	J5	2.4	1.063	0.070	0.0080	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J5	1140	187.937	0.027	2.7	0.0306	0.0000	OK
2160 minute winter	J6	1140	187.687	0.037	2.9	0.0415	0.0000	OK
2160 minute winter	J7	1140	187.571	0.046	3.1	0.0523	0.0000	OK
2160 minute winter	J8	1140	187.551	0.030	3.5	0.0339	0.0000	OK
2160 minute winter	J9	1140	187.325	0.049	3.6	0.0559	0.0000	OK
2160 minute winter	J10	1140	187.298	0.028	4.0	0.0319	0.0000	OK
2160 minute winter	J11	1140	187.160	0.039	4.3	0.0445	0.0000	OK
2160 minute winter	J12	1560	186.885	0.076	6.1	0.0855	0.0000	OK
2160 minute winter	J13	1560	186.885	0.258	6.5	0.2916	0.0000	OK
2160 minute winter	J14	1560	186.885	0.263	6.6	0.2973	0.0000	OK
2160 minute winter	J15	1560	186.885	0.268	6.8	0.3029	0.0000	OK
2160 minute winter	J16	1560	186.885	0.280	7.0	0.3164	0.0000	OK
2160 minute winter	J17	1560	186.885	0.602	7.2	0.6805	0.0000	SURCHARGED
2160 minute winter	J18	1560	186.885	0.760	25.4	0.8591	0.0000	SURCHARGED
2160 minute winter	J19	1560	186.885	0.857	28.3	0.9698	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J5	1.005	J6	2.7	0.990	0.071	0.0156	
2160 minute winter	J6	1.006	J7	2.9	0.949	0.102	0.0060	
2160 minute winter	J7	1.007	J8	3.2	0.719	0.104	0.0051	
2160 minute winter	J8	1.008	J9	3.4	0.721	0.038	0.0405	
2160 minute winter	J9	1.009	J10	3.6	0.789	0.108	0.0056	
2160 minute winter	J10	1.010	J11	4.0	1.075	0.031	0.0092	
2160 minute winter	J11	1.011	S2	4.3	0.569	0.067	0.0414	
2160 minute winter	J12	1.013	J13	6.3	1.009	0.094	0.1497	
2160 minute winter	J13	1.014	J14	6.4	0.447	0.112	0.1231	
2160 minute winter	J14	1.015	J15	6.6	0.516	0.117	0.1263	
2160 minute winter	J15	1.016	J16	6.8	0.699	0.127	0.3454	
2160 minute winter	J16	1.017	J17	7.0	0.977	0.049	0.2332	
2160 minute winter	J17	1.018	S3	32.7	0.864	0.105	0.1328	
2160 minute winter	J18	1.020	J19	28.0	0.780	0.098	0.1049	
2160 minute winter	J19	1.021	S4	7.9	0.604	0.143	0.3096	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J20	1560	186.885	0.854	1.1	0.9662	0.0000	SURCHARGED
2160 minute winter	J21	1560	186.885	0.876	1.3	0.9910	0.0000	SURCHARGED
2160 minute winter	J22	1560	186.885	0.922	1.6	1.0429	0.0000	SURCHARGED
2160 minute winter	J23	1560	186.885	0.943	1.7	1.0665	0.0000	SURCHARGED
2160 minute winter	J24	1560	186.885	1.068	3.3	1.2077	0.0000	FLOOD RISK
2160 minute winter	J25	1560	186.885	1.089	3.1	1.2314	0.0000	SURCHARGED
2160 minute winter	J26	1560	186.885	1.106	3.1	1.2505	0.0000	SURCHARGED
2160 minute winter	J27	1560	186.885	1.148	7.7	1.2989	0.0000	SURCHARGED
2160 minute winter	J28	1080	186.383	0.027	0.9	0.0300	0.0000	OK
2160 minute winter	J29	1080	186.302	0.031	1.1	0.0346	0.0000	OK
2160 minute winter	J30	1200	186.193	0.046	2.4	0.0517	0.0000	OK
2160 minute winter	J31	1140	186.091	0.047	2.7	0.0533	0.0000	OK
2160 minute winter	J32	1200	186.058	0.047	3.0	0.0530	0.0000	OK
2160 minute winter	J33	1140	185.566	0.030	4.1	0.0344	0.0000	OK
2160 minute winter	J34	1140	185.182	0.057	5.1	0.0648	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J20	23.002	J21	1.1	0.405	0.078	0.0665	
2160 minute winter	J21	23.003	J22	1.3	0.425	0.094	0.1411	
2160 minute winter	J22	23.004	J23	1.5	0.447	0.111	0.0633	
2160 minute winter	J23	23.005	S18	1.6	0.500	0.118	0.1321	
2160 minute winter	J24	23.007	J25	2.8	0.383	0.093	0.2458	
2160 minute winter	J25	23.008	J26	2.8	0.381	0.092	0.1975	
2160 minute winter	J26	23.009	S19	6.5	0.380	0.214	0.1474	
2160 minute winter	J27	23.011	S4	14.1	0.507	0.473	0.0951	
2160 minute winter	J28	32.001	J29	0.9	0.489	0.152	0.0163	
2160 minute winter	J29	32.002	S12	1.1	0.562	0.185	0.0091	
2160 minute winter	J30	32.004	J31	2.4	0.552	0.181	0.0216	
2160 minute winter	J31	32.005	J32	2.7	0.450	0.090	0.0584	
2160 minute winter	J32	32.006	S13	3.0	0.664	0.100	0.0243	
2160 minute winter	J33	32.008	S14	4.1	0.833	0.039	0.0455	
2160 minute winter	J34	32.010	J35	5.1	0.844	0.132	0.0551	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J35	1140	185.112	0.037	5.3	0.0420	0.0000	OK
2160 minute winter	J36	1140	184.936	0.061	5.6	0.0692	0.0000	OK
2160 minute winter	J37	2400	184.606	0.106	6.7	0.1201	0.0000	OK
2160 minute winter	J38	2400	184.606	0.306	7.8	0.3465	0.0000	SURCHARGED
2160 minute winter	J39	2400	184.607	0.333	8.1	0.3765	0.0000	SURCHARGED
2160 minute winter	J40	2400	184.607	0.342	8.3	0.3863	0.0000	SURCHARGED
2160 minute winter	J41	2160	184.652	0.055	0.4	0.0618	0.0000	OK
2160 minute winter	J42	2160	184.652	0.115	0.7	0.1297	0.0000	SURCHARGED
2160 minute winter	J43	2160	184.652	0.272	1.8	0.3073	0.0000	SURCHARGED
2160 minute winter	J44	2160	184.652	0.282	2.0	0.3187	0.0000	SURCHARGED
2160 minute winter	J45	2160	184.652	0.332	2.2	0.3752	0.0000	SURCHARGED
2160 minute winter	J46	2160	184.652	0.430	3.2	0.4861	0.0000	SURCHARGED
2160 minute winter	J47	2160	184.652	0.445	3.4	0.5031	0.0000	SURCHARGED
2160 minute winter	J48	2220	184.653	0.459	4.5	0.5189	0.0000	SURCHARGED
2160 minute winter	J49	2160	184.652	0.483	4.8	0.5461	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J35	32.011	J36	5.3	0.829	0.059	0.0446	
2160 minute winter	J36	32.012	S15	5.6	0.820	0.187	0.0163	
2160 minute winter	J37	32.014	S16	6.7	0.924	0.121	0.1254	
2160 minute winter	J38	32.016	J39	7.8	0.540	0.144	0.7617	
2160 minute winter	J39	32.017	J40	8.1	0.675	0.148	0.2574	
2160 minute winter	J40	32.018	S10	8.3	0.834	0.083	0.6738	
2160 minute winter	J41	48.002	J42	0.4	0.342	0.067	0.0379	
2160 minute winter	J42	48.003	S21	0.7	0.499	0.119	0.0640	
2160 minute winter	J43	48.005	J44	1.8	0.460	0.129	0.0283	
2160 minute winter	J44	48.006	J45	2.0	0.490	0.150	0.1545	
2160 minute winter	J45	48.007	S22	2.2	0.536	0.162	0.0419	
2160 minute winter	J46	48.009	J47	3.2	0.369	0.104	0.1676	
2160 minute winter	J47	48.010	S23	3.4	0.347	0.113	0.1050	
2160 minute winter	J48	48.012	J49	4.5	0.426	0.150	0.2962	
2160 minute winter	J49	48.013	J50	4.8	0.423	0.157	0.0451	

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	J50	2220	184.653	0.488	5.1	0.5515	0.0000	SURCHARGED
2160 minute winter	J51	2160	184.652	0.504	5.3	0.5699	0.0000	SURCHARGED
2160 minute winter	J52	2160	184.652	0.508	5.7	0.5744	0.0000	SURCHARGED
2160 minute winter	J53	2160	184.652	0.525	5.9	0.5936	0.0000	SURCHARGED
2160 minute winter	J54	1140	185.158	0.029	1.0	0.0332	0.0000	OK
2160 minute winter	J55	1200	185.123	0.029	1.3	0.0327	0.0000	OK
2160 minute winter	J56	2160	184.652	0.645	8.3	0.7293	0.0000	SURCHARGED
2160 minute winter	J57	2160	184.652	0.667	8.4	0.7542	0.0000	SURCHARGED
2160 minute winter	BASIN 1	1560	186.884	1.959	13.7	292.2549	0.0000	FLOOD RISK
2160 minute winter	BASIN 2	1380	184.857	0.557	5.0	56.5055	0.0000	OK
2160 minute winter	BASIN 3	2400	184.606	1.506	14.9	889.5411	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	J50	48.014	J51	5.1	0.443	0.171	0.2018	
2160 minute winter	J51	48.015	J52	5.3	0.460	0.173	0.0451	
2160 minute winter	J52	48.016	J53	5.7	0.529	0.187	0.1938	
2160 minute winter	J53	48.017	S24	5.9	0.608	0.196	0.4079	
2160 minute winter	J54	65.002	J55	1.0	0.531	0.169	0.0069	
2160 minute winter	J55	65.003	S24	1.3	0.710	0.171	0.0144	
2160 minute winter	J56	48.019	J57	8.2	0.491	0.152	0.6398	
2160 minute winter	J57	48.020	S25	8.4	0.510	0.154	0.4307	
2160 minute winter	BASIN 1	1.023	S5	4.9	0.075	0.058	0.9418	
2160 minute winter	BASIN 1	Infiltration		0.1				12.6
2160 minute winter	BASIN 2	1.027	S7	4.9	0.622	0.059	0.1747	
2160 minute winter	BASIN 2	71.000	BH1	0.8	0.394	0.129	0.1829	
2160 minute winter	BASIN 2	Infiltration		0.0				0.0
2160 minute winter	BASIN 3	1.034	BH2	0.8	0.024	0.006	1.8265	
2160 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2160 minute winter	BASIN 4	2160	184.652	1.322	9.9	435.8106	0.0000	SURCHARGED
2160 minute winter	SWALE 1	1560	184.935	0.061	4.9	0.0873	0.0000	OK
2160 minute winter	SWALE 2	2400	184.607	0.232	4.9	0.3316	0.0000	OK
2160 minute winter	SWALE 3	2400	184.607	0.612	29.1	0.8759	0.0000	SURCHARGED
2160 minute winter	BH1	1380	184.857	0.780	0.8	3.0640	0.0000	OK
2160 minute winter	BH2	2400	184.606	1.523	0.8	8.0301	0.0000	OK
2160 minute winter	BH3	2160	184.652	1.333	0.4	7.3564	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	BASIN 4	48.022	BH3	0.4	0.292	0.007	0.3211	
2160 minute winter	BASIN 4	Infiltration		0.0				0.0
2160 minute winter	SWALE 1	1.025	S6	4.9	0.406	0.059	0.4505	
2160 minute winter	SWALE 2	1.029	S8	4.9	0.594	0.059	2.0402	
2160 minute winter	SWALE 3	1.033	BASIN 3	13.8	0.752	0.111	4.7654	
2160 minute winter	BH1	Infiltration		0.1				12.3
2160 minute winter	BH2	Infiltration		0.2				15.4
2160 minute winter	BH3	Infiltration		0.2				23.6

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S1	1500	188.389	0.019	0.7	0.0289	0.0000	OK
2880 minute summer	S2	1500	187.113	0.074	6.3	0.1331	0.0000	OK
2880 minute summer	S3	1920	186.835	0.698	24.5	0.9414	0.0000	SURCHARGED
2880 minute summer	S4	1920	186.835	1.457	12.9	1.8893	0.0000	SURCHARGED
2880 minute summer	S5	1920	186.834	1.924	4.8	2.7534	0.0000	FLOOD RISK
2880 minute summer	S6	1920	184.871	0.063	4.8	0.0902	0.0000	OK
2880 minute summer	S7	3120	184.794	0.035	4.8	0.0503	0.0000	OK
2880 minute summer	S8	3120	184.794	0.464	4.8	0.6639	0.0000	SURCHARGED
2880 minute summer	S9	3120	184.794	0.669	9.5	0.9572	0.0000	SURCHARGED
2880 minute summer	S10	3120	184.794	0.681	15.0	1.2657	0.0000	SURCHARGED
2880 minute summer	S11	1500	186.427	0.027	0.9	0.0443	0.0000	OK
2880 minute summer	S12	1500	186.223	0.047	2.5	0.0717	0.0000	OK
2880 minute summer	S13	1500	186.026	0.033	4.3	0.0502	0.0000	OK
2880 minute summer	S14	1500	185.231	0.056	5.7	0.0907	0.0000	OK
2880 minute summer	S15	1500	184.912	0.045	7.4	0.0728	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S1	1.000	J1	0.7	0.438	0.080	0.0133	
2880 minute summer	S2	1.012	J12	6.3	0.607	0.211	0.0155	
2880 minute summer	S3	1.019	J18	8.3	0.867	0.156	0.3613	
2880 minute summer	S4	1.022	BASIN 1	13.8	0.670	0.082	1.1778	
2880 minute summer	S5	1.024	SWALE 1	4.8	0.410	0.057	0.2375	
2880 minute summer	S6	1.026	BASIN 2	4.8	0.409	0.055	0.0672	
2880 minute summer	S7	1.028	SWALE 2	4.8	0.613	0.016	0.9647	
2880 minute summer	S8	1.030	S9	9.5	0.638	0.036	1.3252	
2880 minute summer	S9	1.031	S10	6.5	0.595	0.077	0.7372	
2880 minute summer	S10	1.032	SWALE 3	31.4	0.971	0.095	0.4809	
2880 minute summer	S11	32.000	J28	0.9	0.490	0.151	0.0083	
2880 minute summer	S12	32.003	J30	2.5	0.508	0.187	0.0250	
2880 minute summer	S13	32.007	J33	4.3	1.214	0.044	0.0461	
2880 minute summer	S14	32.009	J34	5.7	0.692	0.112	0.0432	
2880 minute summer	S15	32.013	J37	7.4	1.357	0.080	0.1842	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	S16	3120	184.794	0.307	8.7	0.4796	0.0000	SURCHARGED
2880 minute summer	S17	1920	186.836	0.686	1.1	1.1222	0.0000	SURCHARGED
2880 minute summer	S18	1920	186.835	1.011	2.6	1.5296	0.0000	SURCHARGED
2880 minute summer	S19	1920	186.835	1.069	4.0	1.5733	0.0000	SURCHARGED
2880 minute summer	S20	2940	184.670	0.028	0.4	0.0315	0.0000	OK
2880 minute summer	S21	2940	184.670	0.261	1.6	0.3520	0.0000	SURCHARGED
2880 minute summer	S22	2940	184.670	0.439	3.2	0.5762	0.0000	SURCHARGED
2880 minute summer	S23	3060	184.675	0.477	4.5	0.6225	0.0000	SURCHARGED
2880 minute summer	S24	2940	184.670	0.653	8.6	0.8713	0.0000	SURCHARGED
2880 minute summer	S25	2940	184.670	0.700	9.7	0.9858	0.0000	SURCHARGED
2880 minute summer	S26	1500	185.397	0.020	0.9	0.0302	0.0000	OK
2880 minute summer	FC1	1560	188.353	0.103	0.3	0.1348	0.0000	SURCHARGED
2880 minute summer	FC2	1560	188.254	0.104	0.3	0.1357	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	S16	32.015	J38	8.7	0.853	0.027	0.1625	
2880 minute summer	S17	23.001	J20	1.0	0.549	0.170	0.0560	
2880 minute summer	S18	23.006	J24	2.5	0.376	0.077	0.0729	
2880 minute summer	S19	23.010	J27	4.4	0.429	0.148	0.3541	
2880 minute summer	S20	48.001	J41	0.4	0.424	0.067	0.0183	
2880 minute summer	S21	48.004	J43	1.6	0.426	0.120	0.0898	
2880 minute summer	S22	48.008	J46	3.2	0.388	0.102	0.0967	
2880 minute summer	S23	48.011	J48	4.5	0.434	0.146	0.0447	
2880 minute summer	S24	48.018	J56	8.6	0.482	0.160	0.2989	
2880 minute summer	S25	48.021	BASIN 4	9.7	0.638	0.181	0.2710	
2880 minute summer	S26	65.001	J54	0.9	0.574	0.087	0.0135	
2880 minute summer	FC1	2.000	J1	0.3	0.226	0.048	0.0070	
2880 minute summer	FC1	Infiltration		0.0				0.0
2880 minute summer	FC2	3.000	J2	0.3	0.391	0.050	0.0035	
2880 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC3	1560	188.374	0.174	0.4	0.2391	0.0000	SURCHARGED
2880 minute summer	FC4	1500	188.251	0.051	0.2	0.0640	0.0000	OK
2880 minute summer	FC5	1560	188.104	0.104	0.3	0.1357	0.0000	SURCHARGED
2880 minute summer	FC6	1440	187.900	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC7	1500	187.801	0.051	0.2	0.0643	0.0000	OK
2880 minute summer	FC8	1560	187.851	0.101	0.3	0.1315	0.0000	SURCHARGED
2880 minute summer	FC9	1500	187.522	0.052	0.2	0.0656	0.0000	OK
2880 minute summer	FC10	1560	187.644	0.174	0.4	0.2385	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC3	4.000	J3	0.4	0.443	0.064	0.0085	
2880 minute summer	FC3	Infiltration		0.0				0.0
2880 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2880 minute summer	FC4	Infiltration		0.0				0.0
2880 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032	
2880 minute summer	FC5	Infiltration		0.0				0.0
2880 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2880 minute summer	FC6	Infiltration		0.0				0.0
2880 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2880 minute summer	FC7	Infiltration		0.0				0.0
2880 minute summer	FC8	9.000	J8	0.3	0.544	0.031	0.0023	
2880 minute summer	FC8	Infiltration		0.0				0.0
2880 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2880 minute summer	FC9	Infiltration		0.0				0.0
2880 minute summer	FC10	11.000	J10	0.4	0.460	0.060	0.0054	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC11	1560	187.424	0.104	0.3	0.1356	0.0000	SURCHARGED
2880 minute summer	FC12	1560	187.334	0.104	0.3	0.1356	0.0000	SURCHARGED
2880 minute summer	FC13	1560	187.104	0.104	0.3	0.1355	0.0000	SURCHARGED
2880 minute summer	FC14	1560	186.993	0.093	0.3	1.1910	0.0000	OK
2880 minute summer	FC15	1440	187.250	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC16	1500	186.952	0.052	0.2	0.0651	0.0000	OK
2880 minute summer	FC17	1440	187.050	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC10	Infiltration		0.0				0.0
2880 minute summer	FC11	12.000	J11	0.3	0.392	0.051	0.0059	
2880 minute summer	FC11	Infiltration		0.0				0.0
2880 minute summer	FC12	13.000	S2	0.3	0.392	0.051	0.0053	
2880 minute summer	FC12	Infiltration		0.0				0.0
2880 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052	
2880 minute summer	FC13	Infiltration		0.0				0.0
2880 minute summer	FC14	15.000	J13	0.3	0.386	0.048	0.0055	
2880 minute summer	FC14	Infiltration		0.0				0.0
2880 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0018	
2880 minute summer	FC15	Infiltration		0.0				0.0
2880 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0049	
2880 minute summer	FC16	Infiltration		0.0				0.0
2880 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0053	
2880 minute summer	FC17	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC18	1920	186.845	0.295	0.2	0.3722	0.0000	SURCHARGED
2880 minute summer	FC19	1920	186.845	0.445	0.3	0.5812	0.0000	SURCHARGED
2880 minute summer	FC20	1560	187.049	0.099	0.3	0.1296	0.0000	OK
2880 minute summer	FC21	1920	186.845	0.545	0.3	0.7117	0.0000	SURCHARGED
2880 minute summer	FC22	1920	186.844	0.394	0.3	3.8228	0.0000	SURCHARGED
2880 minute summer	FC23	1920	186.845	0.545	0.2	0.6885	0.0000	SURCHARGED
2880 minute summer	FC24	1920	186.845	0.545	0.3	0.7124	0.0000	SURCHARGED
2880 minute summer	FC25	1920	186.845	0.295	0.3	0.3856	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0548	
2880 minute summer	FC18	Infiltration		0.0				0.0
2880 minute summer	FC19	20.000	S3	0.4	0.391	0.070	0.0517	
2880 minute summer	FC19	Infiltration		0.0				0.0
2880 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0176	
2880 minute summer	FC20	Infiltration		0.0				0.0
2880 minute summer	FC21	22.000	J19	0.3	0.391	0.051	0.0599	
2880 minute summer	FC21	Infiltration		0.0				0.0
2880 minute summer	FC22	23.000	S17	0.2	0.216	0.013	0.0373	
2880 minute summer	FC22	Infiltration		0.0				0.0
2880 minute summer	FC23	24.000	J20	0.2	0.609	0.015	0.0359	
2880 minute summer	FC23	Infiltration		0.0				0.0
2880 minute summer	FC24	25.000	J21	0.3	0.693	0.022	0.0363	
2880 minute summer	FC24	Infiltration		0.0				0.0
2880 minute summer	FC25	26.000	J22	0.3	0.775	0.019	0.0370	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC26	1920	186.844	0.394	0.3	3.9709	0.0000	SURCHARGED
2880 minute summer	FC27	1920	186.845	0.345	0.2	0.4354	0.0000	SURCHARGED
2880 minute summer	FC28	1920	186.845	0.345	0.3	0.4505	0.0000	SURCHARGED
2880 minute summer	FC29	1920	186.845	0.345	0.3	0.4505	0.0000	SURCHARGED
2880 minute summer	FC30	1560	186.849	0.099	0.3	0.1296	0.0000	OK
2880 minute summer	FC31	1440	186.500	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC32	1440	186.500	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC25	Infiltration		0.0				0.0
2880 minute summer	FC26	27.000	J23	0.2	0.602	0.015	0.0361	
2880 minute summer	FC26	Infiltration		0.0				0.0
2880 minute summer	FC27	28.000	J24	0.2	0.831	0.009	0.0352	
2880 minute summer	FC27	Infiltration		0.0				0.0
2880 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0341	
2880 minute summer	FC28	Infiltration		0.0				0.0
2880 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0369	
2880 minute summer	FC29	Infiltration		0.0				0.0
2880 minute summer	FC30	31.000	J27	0.3	0.729	0.021	0.0328	
2880 minute summer	FC30	Infiltration		0.0				0.0
2880 minute summer	FC31	33.000	J28	0.2	0.215	0.022	0.0050	
2880 minute summer	FC31	Infiltration		0.0				0.0
2880 minute summer	FC32	34.000	J29	0.2	0.194	0.016	0.0055	
2880 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC33	1560	186.549	0.099	0.3	0.1296	0.0000	OK
2880 minute summer	FC34	1560	186.554	0.103	0.3	0.1353	0.0000	SURCHARGED
2880 minute summer	FC35	1560	186.549	0.099	0.3	0.1296	0.0000	OK
2880 minute summer	FC36	1560	186.549	0.099	0.3	0.1296	0.0000	OK
2880 minute summer	FC37	1560	185.972	0.171	0.4	0.2354	0.0000	SURCHARGED
2880 minute summer	FC38	1620	185.500	0.050	0.2	0.5979	0.0000	OK
2880 minute summer	FC39	1440	185.500	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC40	1560	185.599	0.099	0.3	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017	
2880 minute summer	FC33	Infiltration		0.0				0.0
2880 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036	
2880 minute summer	FC34	Infiltration		0.0				0.0
2880 minute summer	FC35	37.000	J31	0.3	0.721	0.021	0.0021	
2880 minute summer	FC35	Infiltration		0.0				0.0
2880 minute summer	FC36	38.000	J32	0.3	0.755	0.020	0.0020	
2880 minute summer	FC36	Infiltration		0.0				0.0
2880 minute summer	FC37	39.000	J33	0.4	0.565	0.045	0.0047	
2880 minute summer	FC37	Infiltration		0.0				0.0
2880 minute summer	FC38	40.000	J34	0.2	0.584	0.016	0.0016	
2880 minute summer	FC38	Infiltration		0.0				0.0
2880 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2880 minute summer	FC39	Infiltration		0.0				0.0
2880 minute summer	FC40	42.000	J36	0.3	0.889	0.016	0.0017	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC41	1560	184.950	0.100	0.3	0.1307	0.0000	SURCHARGED
2880 minute summer	FC42	3120	184.794	0.194	0.3	0.2533	0.0000	SURCHARGED
2880 minute summer	FC43	3120	184.794	0.194	0.3	0.2533	0.0000	SURCHARGED
2880 minute summer	FC44	3120	184.794	0.194	0.2	0.2448	0.0000	SURCHARGED
2880 minute summer	FC45	3120	184.794	0.194	0.2	0.2448	0.0000	SURCHARGED
2880 minute summer	FC46	1560	184.875	0.175	0.4	0.2398	0.0000	SURCHARGED
2880 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute summer	FC48	1560	184.899	0.099	0.3	0.1296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC40	Infiltration		0.0				0.0
2880 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0192	
2880 minute summer	FC41	Infiltration		0.0				0.0
2880 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0386	
2880 minute summer	FC42	Infiltration		0.0				0.0
2880 minute summer	FC43	45.000	J39	0.3	0.575	0.029	0.0339	
2880 minute summer	FC43	Infiltration		0.0				0.0
2880 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0344	
2880 minute summer	FC44	Infiltration		0.0				0.0
2880 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0361	
2880 minute summer	FC45	Infiltration		0.0				0.0
2880 minute summer	FC46	48.000	S20	0.4	0.419	0.067	0.0057	
2880 minute summer	FC46	Infiltration		0.0				0.0
2880 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0162	
2880 minute summer	FC48	50.000	J42	0.3	0.341	0.021	0.0196	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC49	1560	184.904	0.104	0.3	0.1357	0.0000	SURCHARGED
2880 minute summer	FC50	1560	184.904	0.104	0.3	0.1357	0.0000	SURCHARGED
2880 minute summer	FC51	1560	184.954	0.104	0.3	0.1356	0.0000	SURCHARGED
2880 minute summer	FC52	1560	185.350	0.100	0.3	0.1310	0.0000	SURCHARGED
2880 minute summer	FC53	1560	185.351	0.101	0.3	0.1317	0.0000	SURCHARGED
2880 minute summer	FC54	1440	185.300	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC55	1440	185.300	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC48	Infiltration		0.0				0.0
2880 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034	
2880 minute summer	FC49	Infiltration		0.0				0.0
2880 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036	
2880 minute summer	FC50	Infiltration		0.0				0.0
2880 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047	
2880 minute summer	FC51	Infiltration		0.0				0.0
2880 minute summer	FC52	58.000	S23	0.3	0.566	0.030	0.0029	
2880 minute summer	FC52	Infiltration		0.0				0.0
2880 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024	
2880 minute summer	FC53	Infiltration		0.0				0.0
2880 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2880 minute summer	FC54	Infiltration		0.0				0.0
2880 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2880 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC56	1440	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC57	1440	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC58	1440	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC59	1440	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute summer	FC60	1560	185.449	0.099	0.3	0.1298	0.0000	OK
2880 minute summer	FC61	1560	185.401	0.101	0.3	0.1322	0.0000	SURCHARGED
2880 minute summer	FC62	1560	185.423	0.172	0.4	0.2368	0.0000	SURCHARGED
2880 minute summer	FC63	1500	185.452	0.052	0.2	0.0654	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2880 minute summer	FC56	Infiltration		0.0				0.0
2880 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2880 minute summer	FC57	Infiltration		0.0				0.0
2880 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2880 minute summer	FC58	Infiltration		0.0				0.0
2880 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2880 minute summer	FC59	Infiltration		0.0				0.0
2880 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031	
2880 minute summer	FC60	Infiltration		0.0				0.0
2880 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043	
2880 minute summer	FC61	Infiltration		0.0				0.0
2880 minute summer	FC62	63.000	J52	0.4	0.512	0.052	0.0073	
2880 minute summer	FC62	Infiltration		0.0				0.0
2880 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0020	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	FC64	1500	185.202	0.052	0.2	0.0654	0.0000	OK
2880 minute summer	FC65	1560	185.250	0.100	0.3	0.1311	0.0000	SURCHARGED
2880 minute summer	FC66	1560	185.103	0.103	0.3	0.1343	0.0000	SURCHARGED
2880 minute summer	FC67	1620	184.852	0.052	0.2	0.5352	0.0000	OK
2880 minute summer	FC68	2940	184.670	0.120	0.2	0.1518	0.0000	SURCHARGED
2880 minute summer	J1	1500	188.232	0.032	1.7	0.0488	0.0000	OK
2880 minute summer	J2	1500	188.103	0.047	2.0	0.0526	0.0000	OK
2880 minute summer	J3	1500	188.094	0.043	2.4	0.0491	0.0000	OK
2880 minute summer	J4	1500	188.069	0.030	2.6	0.0340	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	FC63	Infiltration		0.0				0.0
2880 minute summer	FC64	66.000	J54	0.2	0.177	0.034	0.0029	
2880 minute summer	FC64	Infiltration		0.0				0.0
2880 minute summer	FC65	67.000	J55	0.3	0.276	0.031	0.0028	
2880 minute summer	FC65	Infiltration		0.0				0.0
2880 minute summer	FC66	68.000	S24	0.3	0.440	0.042	0.0014	
2880 minute summer	FC66	Infiltration		0.0				0.0
2880 minute summer	FC67	69.000	J56	0.2	0.340	0.034	0.0012	
2880 minute summer	FC67	Infiltration		0.0				0.0
2880 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0178	
2880 minute summer	FC68	Infiltration		0.0				0.0
2880 minute summer	J1	1.001	J2	1.7	0.803	0.205	0.0106	
2880 minute summer	J2	1.002	J3	2.0	0.451	0.149	0.0046	
2880 minute summer	J3	1.003	J4	2.4	0.718	0.181	0.0066	
2880 minute summer	J4	1.004	J5	2.6	1.089	0.076	0.0084	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J5	1500	187.938	0.028	2.9	0.0317	0.0000	OK
2880 minute summer	J6	1500	187.688	0.038	3.1	0.0430	0.0000	OK
2880 minute summer	J7	1500	187.573	0.048	3.3	0.0540	0.0000	OK
2880 minute summer	J8	1440	187.552	0.031	3.7	0.0348	0.0000	OK
2880 minute summer	J9	1440	187.326	0.051	3.8	0.0574	0.0000	OK
2880 minute summer	J10	1440	187.299	0.029	4.2	0.0328	0.0000	OK
2880 minute summer	J11	1500	187.161	0.040	4.5	0.0454	0.0000	OK
2880 minute summer	J12	1500	186.860	0.051	6.6	0.0576	0.0000	OK
2880 minute summer	J13	1920	186.835	0.208	6.9	0.2354	0.0000	OK
2880 minute summer	J14	1920	186.835	0.213	7.1	0.2410	0.0000	OK
2880 minute summer	J15	1920	186.835	0.218	7.3	0.2466	0.0000	OK
2880 minute summer	J16	1920	186.835	0.230	7.5	0.2601	0.0000	OK
2880 minute summer	J17	1920	186.835	0.552	7.7	0.6242	0.0000	SURCHARGED
2880 minute summer	J18	1920	186.835	0.710	8.6	0.8028	0.0000	SURCHARGED
2880 minute summer	J19	1920	186.835	0.808	15.0	0.9136	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J5	1.005	J6	2.9	1.011	0.076	0.0164	
2880 minute summer	J6	1.006	J7	3.1	0.965	0.109	0.0063	
2880 minute summer	J7	1.007	J8	3.4	0.746	0.112	0.0053	
2880 minute summer	J8	1.008	J9	3.6	0.737	0.040	0.0421	
2880 minute summer	J9	1.009	J10	3.8	0.801	0.114	0.0058	
2880 minute summer	J10	1.010	J11	4.2	1.092	0.033	0.0095	
2880 minute summer	J11	1.011	S2	4.5	0.569	0.070	0.0435	
2880 minute summer	J12	1.013	J13	6.6	1.031	0.098	0.0879	
2880 minute summer	J13	1.014	J14	6.9	0.457	0.121	0.1002	
2880 minute summer	J14	1.015	J15	7.1	0.528	0.125	0.1038	
2880 minute summer	J15	1.016	J16	7.3	0.713	0.136	0.2891	
2880 minute summer	J16	1.017	J17	7.5	0.993	0.052	0.2135	
2880 minute summer	J17	1.018	S3	23.3	0.876	0.075	0.1328	
2880 minute summer	J18	1.020	J19	14.7	0.787	0.051	0.1049	
2880 minute summer	J19	1.021	S4	10.2	0.611	0.185	0.3096	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J20	1920	186.835	0.804	1.2	0.9097	0.0000	SURCHARGED
2880 minute summer	J21	1920	186.835	0.826	1.5	0.9345	0.0000	SURCHARGED
2880 minute summer	J22	1920	186.835	0.872	1.7	0.9864	0.0000	SURCHARGED
2880 minute summer	J23	1920	186.835	0.893	1.9	1.0101	0.0000	SURCHARGED
2880 minute summer	J24	1920	186.835	1.018	2.7	1.1513	0.0000	FLOOD RISK
2880 minute summer	J25	1920	186.835	1.039	2.8	1.1750	0.0000	SURCHARGED
2880 minute summer	J26	1920	186.835	1.056	3.7	1.1942	0.0000	SURCHARGED
2880 minute summer	J27	1920	186.835	1.099	4.7	1.2427	0.0000	SURCHARGED
2880 minute summer	J28	1500	186.386	0.030	1.1	0.0335	0.0000	OK
2880 minute summer	J29	1500	186.305	0.033	1.3	0.0379	0.0000	OK
2880 minute summer	J30	1500	186.197	0.050	2.8	0.0562	0.0000	OK
2880 minute summer	J31	1500	186.095	0.051	3.1	0.0573	0.0000	OK
2880 minute summer	J32	1500	186.061	0.050	3.4	0.0563	0.0000	OK
2880 minute summer	J33	1500	185.568	0.033	4.7	0.0368	0.0000	OK
2880 minute summer	J34	1500	185.187	0.062	5.9	0.0697	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J20	23.002	J21	1.2	0.414	0.087	0.0665	
2880 minute summer	J21	23.003	J22	1.5	0.437	0.109	0.1411	
2880 minute summer	J22	23.004	J23	1.7	0.438	0.128	0.0633	
2880 minute summer	J23	23.005	S18	1.8	0.491	0.134	0.1321	
2880 minute summer	J24	23.007	J25	2.5	0.396	0.084	0.2458	
2880 minute summer	J25	23.008	J26	3.4	0.393	0.113	0.1975	
2880 minute summer	J26	23.009	S19	3.1	0.395	0.102	0.1474	
2880 minute summer	J27	23.011	S4	6.4	0.490	0.216	0.0951	
2880 minute summer	J28	32.001	J29	1.1	0.521	0.186	0.0187	
2880 minute summer	J29	32.002	S12	1.3	0.587	0.219	0.0103	
2880 minute summer	J30	32.004	J31	2.8	0.575	0.211	0.0242	
2880 minute summer	J31	32.005	J32	3.1	0.471	0.103	0.0642	
2880 minute summer	J32	32.006	S13	3.4	0.684	0.113	0.0267	
2880 minute summer	J33	32.008	S14	4.7	0.855	0.045	0.0509	
2880 minute summer	J34	32.010	J35	5.9	0.882	0.153	0.0610	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J35	1500	185.115	0.040	6.1	0.0450	0.0000	OK
2880 minute summer	J36	1500	184.940	0.065	6.4	0.0740	0.0000	OK
2880 minute summer	J37	3120	184.794	0.294	7.7	0.3323	0.0000	OK
2880 minute summer	J38	3120	184.794	0.494	9.0	0.5585	0.0000	SURCHARGED
2880 minute summer	J39	3120	184.794	0.520	9.3	0.5880	0.0000	SURCHARGED
2880 minute summer	J40	3120	184.794	0.529	9.5	0.5981	0.0000	SURCHARGED
2880 minute summer	J41	2940	184.670	0.073	0.4	0.0827	0.0000	OK
2880 minute summer	J42	2940	184.670	0.133	0.7	0.1507	0.0000	SURCHARGED
2880 minute summer	J43	2940	184.670	0.290	1.9	0.3284	0.0000	SURCHARGED
2880 minute summer	J44	2940	184.670	0.300	2.1	0.3397	0.0000	SURCHARGED
2880 minute summer	J45	2940	184.670	0.350	2.3	0.3962	0.0000	SURCHARGED
2880 minute summer	J46	2940	184.670	0.448	3.4	0.5069	0.0000	SURCHARGED
2880 minute summer	J47	2940	184.670	0.463	3.6	0.5240	0.0000	SURCHARGED
2880 minute summer	J48	2940	184.670	0.476	4.8	0.5387	0.0000	SURCHARGED
2880 minute summer	J49	3060	184.673	0.503	5.1	0.5694	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J35	32.011	J36	6.1	0.866	0.068	0.0491	
2880 minute summer	J36	32.012	S15	6.4	0.848	0.213	0.0180	
2880 minute summer	J37	32.014	S16	7.7	0.955	0.139	0.3641	
2880 minute summer	J38	32.016	J39	9.0	0.563	0.166	0.7617	
2880 minute summer	J39	32.017	J40	9.3	0.702	0.170	0.2574	
2880 minute summer	J40	32.018	S10	9.5	0.866	0.095	0.6738	
2880 minute summer	J41	48.002	J42	0.4	0.342	0.067	0.0434	
2880 minute summer	J42	48.003	S21	0.7	0.499	0.119	0.0640	
2880 minute summer	J43	48.005	J44	1.9	0.467	0.136	0.0283	
2880 minute summer	J44	48.006	J45	2.1	0.497	0.157	0.1545	
2880 minute summer	J45	48.007	S22	2.3	0.543	0.170	0.0419	
2880 minute summer	J46	48.009	J47	3.4	0.371	0.110	0.1676	
2880 minute summer	J47	48.010	S23	3.6	0.348	0.119	0.1050	
2880 minute summer	J48	48.012	J49	4.8	0.433	0.160	0.2962	
2880 minute summer	J49	48.013	J50	5.1	0.429	0.166	0.0451	

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	J50	2940	184.670	0.505	5.4	0.5715	0.0000	SURCHARGED
2880 minute summer	J51	3060	184.679	0.531	5.6	0.6001	0.0000	SURCHARGED
2880 minute summer	J52	2940	184.670	0.526	6.0	0.5952	0.0000	SURCHARGED
2880 minute summer	J53	3060	184.671	0.544	6.2	0.6156	0.0000	SURCHARGED
2880 minute summer	J54	1500	185.160	0.031	1.1	0.0350	0.0000	OK
2880 minute summer	J55	1500	185.124	0.030	1.4	0.0340	0.0000	OK
2880 minute summer	J56	2940	184.670	0.663	8.8	0.7501	0.0000	SURCHARGED
2880 minute summer	J57	2940	184.670	0.685	9.0	0.7749	0.0000	SURCHARGED
2880 minute summer	BASIN 1	1920	186.834	1.909	14.2	282.2636	0.0000	FLOOD RISK
2880 minute summer	BASIN 2	1920	184.857	0.557	4.9	56.4580	0.0000	OK
2880 minute summer	BASIN 3	3120	184.794	1.694	16.4	990.5243	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	J50	48.014	J51	5.4	0.449	0.181	0.2018	
2880 minute summer	J51	48.015	J52	5.6	0.466	0.183	0.0451	
2880 minute summer	J52	48.016	J53	6.0	0.536	0.197	0.1938	
2880 minute summer	J53	48.017	S24	6.2	0.617	0.206	0.4079	
2880 minute summer	J54	65.002	J55	1.1	0.545	0.186	0.0073	
2880 minute summer	J55	65.003	S24	1.4	0.725	0.184	0.0152	
2880 minute summer	J56	48.019	J57	8.8	0.498	0.162	0.6398	
2880 minute summer	J57	48.020	S25	9.0	0.517	0.164	0.4307	
2880 minute summer	BASIN 1	1.023	S5	4.8	0.057	0.058	0.9418	
2880 minute summer	BASIN 1	Infiltration		0.1				14.9
2880 minute summer	BASIN 2	1.027	S7	4.8	0.619	0.058	0.1729	
2880 minute summer	BASIN 2	71.000	BH1	0.3	0.486	0.051	0.1829	
2880 minute summer	BASIN 2	Infiltration		0.0				0.0
2880 minute summer	BASIN 3	1.034	BH2	2.8	0.321	0.023	1.8265	
2880 minute summer	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute summer. 3120 minute analysis at 60 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute summer	BASIN 4	2940	184.670	1.340	10.8	442.7919	0.0000	SURCHARGED
2880 minute summer	SWALE 1	1920	184.935	0.061	4.8	0.0867	0.0000	OK
2880 minute summer	SWALE 2	3120	184.794	0.419	4.8	0.5996	0.0000	SURCHARGED
2880 minute summer	SWALE 3	3120	184.794	0.799	31.4	1.1431	0.0000	SURCHARGED
2880 minute summer	BH1	1920	184.857	0.780	0.3	3.0628	0.0000	OK
2880 minute summer	BH2	3120	184.794	1.711	2.8	8.2981	0.0000	OK
2880 minute summer	BH3	2940	184.670	1.351	0.3	7.3771	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	BASIN 4	48.022	BH3	0.3	0.224	0.006	0.3211	
2880 minute summer	BASIN 4	Infiltration		0.0				0.0
2880 minute summer	SWALE 1	1.025	S6	4.8	0.405	0.058	0.4463	
2880 minute summer	SWALE 2	1.029	S8	4.8	0.591	0.058	2.8384	
2880 minute summer	SWALE 3	1.033	BASIN 3	15.0	0.770	0.120	4.7654	
2880 minute summer	BH1	Infiltration		0.1				16.3
2880 minute summer	BH2	Infiltration		0.2				19.9
2880 minute summer	BH3	Infiltration		0.2				31.4

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S1	1500	188.386	0.016	0.5	0.0245	0.0000	OK
2880 minute winter	S2	1500	187.102	0.063	4.6	0.1129	0.0000	OK
2880 minute winter	S3	2040	186.766	0.629	17.4	0.8487	0.0000	SURCHARGED
2880 minute winter	S4	2040	186.766	1.388	12.2	1.8002	0.0000	SURCHARGED
2880 minute winter	S5	2040	186.765	1.855	4.7	2.6551	0.0000	FLOOD RISK
2880 minute winter	S6	2040	184.871	0.062	4.7	0.0894	0.0000	OK
2880 minute winter	S7	3120	184.849	0.090	4.7	0.1294	0.0000	OK
2880 minute winter	S8	3120	184.849	0.519	4.7	0.7432	0.0000	SURCHARGED
2880 minute winter	S9	3120	184.849	0.724	4.7	1.0365	0.0000	SURCHARGED
2880 minute winter	S10	3120	184.849	0.736	12.0	1.3687	0.0000	SURCHARGED
2880 minute winter	S11	1440	186.422	0.022	0.6	0.0356	0.0000	OK
2880 minute winter	S12	1500	186.215	0.039	1.8	0.0597	0.0000	OK
2880 minute winter	S13	1500	186.020	0.027	3.0	0.0421	0.0000	OK
2880 minute winter	S14	1560	185.221	0.046	4.0	0.0746	0.0000	OK
2880 minute winter	S15	1560	184.905	0.038	5.3	0.0613	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0103	
2880 minute winter	S2	1.012	J12	4.6	0.558	0.154	0.0123	
2880 minute winter	S3	1.019	J18	9.1	0.826	0.172	0.3613	
2880 minute winter	S4	1.022	BASIN 1	9.9	0.670	0.059	1.1778	
2880 minute winter	S5	1.024	SWALE 1	4.7	0.408	0.056	0.2342	
2880 minute winter	S6	1.026	BASIN 2	4.7	0.406	0.054	0.0664	
2880 minute winter	S7	1.028	SWALE 2	4.7	0.609	0.015	1.0920	
2880 minute winter	S8	1.030	S9	4.7	0.628	0.018	1.3252	
2880 minute winter	S9	1.031	S10	5.8	0.569	0.069	0.7372	
2880 minute winter	S10	1.032	SWALE 3	19.5	0.925	0.059	0.4809	
2880 minute winter	S11	32.000	J28	0.6	0.431	0.101	0.0063	
2880 minute winter	S12	32.003	J30	1.8	0.471	0.135	0.0194	
2880 minute winter	S13	32.007	J33	3.0	1.090	0.031	0.0358	
2880 minute winter	S14	32.009	J34	4.0	0.629	0.079	0.0334	
2880 minute winter	S15	32.013	J37	5.3	1.236	0.057	0.1857	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	S16	3120	184.849	0.362	6.2	0.5664	0.0000	SURCHARGED
2880 minute winter	S17	2040	186.767	0.617	0.8	1.0097	0.0000	SURCHARGED
2880 minute winter	S18	2040	186.766	0.942	2.0	1.4256	0.0000	SURCHARGED
2880 minute winter	S19	2040	186.766	1.000	2.9	1.4721	0.0000	SURCHARGED
2880 minute winter	S20	2820	184.714	0.072	0.3	0.0817	0.0000	OK
2880 minute winter	S21	2820	184.714	0.305	1.1	0.4109	0.0000	SURCHARGED
2880 minute winter	S22	2820	184.714	0.483	2.3	0.6339	0.0000	SURCHARGED
2880 minute winter	S23	3060	184.716	0.518	3.3	0.6752	0.0000	SURCHARGED
2880 minute winter	S24	2820	184.714	0.697	6.4	0.9301	0.0000	SURCHARGED
2880 minute winter	S25	2820	184.714	0.744	7.3	1.0479	0.0000	SURCHARGED
2880 minute winter	S26	1500	185.395	0.018	0.7	0.0267	0.0000	OK
2880 minute winter	FC1	1380	188.302	0.052	0.2	0.0673	0.0000	OK
2880 minute winter	FC2	1380	188.202	0.052	0.2	0.0680	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	S16	32.015	J38	6.2	0.787	0.019	0.1625	
2880 minute winter	S17	23.001	J20	0.7	0.509	0.126	0.0560	
2880 minute winter	S18	23.006	J24	1.8	0.366	0.057	0.0729	
2880 minute winter	S19	23.010	J27	2.8	0.429	0.092	0.3541	
2880 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0321	
2880 minute winter	S21	48.004	J43	1.1	0.394	0.083	0.0898	
2880 minute winter	S22	48.008	J46	2.3	0.372	0.073	0.0967	
2880 minute winter	S23	48.011	J48	3.3	0.415	0.107	0.0447	
2880 minute winter	S24	48.018	J56	6.4	0.449	0.120	0.2989	
2880 minute winter	S25	48.021	BASIN 4	7.2	0.585	0.135	0.2710	
2880 minute winter	S26	65.001	J54	0.7	0.525	0.068	0.0115	
2880 minute winter	FC1	2.000	J1	0.2	0.226	0.032	0.0053	
2880 minute winter	FC1	Infiltration		0.0				0.0
2880 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
2880 minute winter	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC3	1560	188.303	0.103	0.3	0.1418	0.0000	SURCHARGED
2880 minute winter	FC4	1560	188.251	0.051	0.2	0.0640	0.0000	OK
2880 minute winter	FC5	1380	188.052	0.052	0.2	0.0680	0.0000	OK
2880 minute winter	FC6	1500	187.900	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC7	1560	187.801	0.051	0.2	0.0643	0.0000	OK
2880 minute winter	FC8	1380	187.800	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC9	1560	187.522	0.052	0.2	0.0656	0.0000	OK
2880 minute winter	FC10	1560	187.573	0.103	0.3	0.1413	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
2880 minute winter	FC3	Infiltration		0.0				0.0
2880 minute winter	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
2880 minute winter	FC4	Infiltration		0.0				0.0
2880 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
2880 minute winter	FC5	Infiltration		0.0				0.0
2880 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
2880 minute winter	FC6	Infiltration		0.0				0.0
2880 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
2880 minute winter	FC7	Infiltration		0.0				0.0
2880 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
2880 minute winter	FC8	Infiltration		0.0				0.0
2880 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
2880 minute winter	FC9	Infiltration		0.0				0.0
2880 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC11	1380	187.372	0.052	0.2	0.0679	0.0000	OK
2880 minute winter	FC12	1380	187.282	0.052	0.2	0.0679	0.0000	OK
2880 minute winter	FC13	1380	187.052	0.052	0.2	0.0679	0.0000	OK
2880 minute winter	FC14	1740	186.952	0.052	0.2	0.6623	0.0000	OK
2880 minute winter	FC15	1500	187.250	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC16	1560	186.952	0.052	0.2	0.0651	0.0000	OK
2880 minute winter	FC17	1500	187.050	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC10	Infiltration		0.0				0.0
2880 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
2880 minute winter	FC11	Infiltration		0.0				0.0
2880 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
2880 minute winter	FC12	Infiltration		0.0				0.0
2880 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
2880 minute winter	FC13	Infiltration		0.0				0.0
2880 minute winter	FC14	15.000	J13	0.2	0.348	0.034	0.0043	
2880 minute winter	FC14	Infiltration		0.0				0.0
2880 minute winter	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
2880 minute winter	FC15	Infiltration		0.0				0.0
2880 minute winter	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
2880 minute winter	FC16	Infiltration		0.0				0.0
2880 minute winter	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
2880 minute winter	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC18	2040	186.776	0.226	0.2	0.2854	0.0000	SURCHARGED
2880 minute winter	FC19	2040	186.776	0.376	0.2	0.4913	0.0000	SURCHARGED
2880 minute winter	FC20	1380	187.000	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC21	2040	186.776	0.476	0.2	0.6218	0.0000	SURCHARGED
2880 minute winter	FC22	2100	186.776	0.326	0.2	3.1575	0.0000	SURCHARGED
2880 minute winter	FC23	2040	186.776	0.476	0.2	0.6016	0.0000	SURCHARGED
2880 minute winter	FC24	2040	186.776	0.476	0.2	0.6225	0.0000	SURCHARGED
2880 minute winter	FC25	2040	186.776	0.226	0.2	0.2956	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0548	
2880 minute winter	FC18	Infiltration		0.0				0.0
2880 minute winter	FC19	20.000	S3	0.4	0.347	0.065	0.0517	
2880 minute winter	FC19	Infiltration		0.0				0.0
2880 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0173	
2880 minute winter	FC20	Infiltration		0.0				0.0
2880 minute winter	FC21	22.000	J19	0.2	0.347	0.041	0.0599	
2880 minute winter	FC21	Infiltration		0.0				0.0
2880 minute winter	FC22	23.000	S17	0.2	0.216	0.013	0.0373	
2880 minute winter	FC22	Infiltration		0.0				0.0
2880 minute winter	FC23	24.000	J20	0.2	0.597	0.015	0.0359	
2880 minute winter	FC23	Infiltration		0.0				0.0
2880 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0363	
2880 minute winter	FC24	Infiltration		0.0				0.0
2880 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0370	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC26	2100	186.775	0.325	0.2	3.2800	0.0000	SURCHARGED
2880 minute winter	FC27	2040	186.776	0.276	0.2	0.3485	0.0000	SURCHARGED
2880 minute winter	FC28	2040	186.776	0.276	0.2	0.3606	0.0000	SURCHARGED
2880 minute winter	FC29	2040	186.776	0.276	0.2	0.3605	0.0000	SURCHARGED
2880 minute winter	FC30	1380	186.800	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC31	1500	186.500	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC32	1500	186.500	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC25	Infiltration		0.0				0.0
2880 minute winter	FC26	27.000	J23	0.2	0.591	0.015	0.0361	
2880 minute winter	FC26	Infiltration		0.0				0.0
2880 minute winter	FC27	28.000	J24	0.2	0.688	0.009	0.0352	
2880 minute winter	FC27	Infiltration		0.0				0.0
2880 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0341	
2880 minute winter	FC28	Infiltration		0.0				0.0
2880 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0369	
2880 minute winter	FC29	Infiltration		0.0				0.0
2880 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0190	
2880 minute winter	FC30	Infiltration		0.0				0.0
2880 minute winter	FC31	33.000	J28	0.2	0.216	0.022	0.0041	
2880 minute winter	FC31	Infiltration		0.0				0.0
2880 minute winter	FC32	34.000	J29	0.2	0.194	0.016	0.0046	
2880 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC33	1380	186.500	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC34	1380	186.502	0.052	0.2	0.0676	0.0000	OK
2880 minute winter	FC35	1380	186.500	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC36	1380	186.500	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC37	1560	185.901	0.101	0.3	0.1386	0.0000	SURCHARGED
2880 minute winter	FC38	1560	185.499	0.048	0.2	0.5819	0.0000	OK
2880 minute winter	FC39	1500	185.500	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC40	1380	185.550	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
2880 minute winter	FC33	Infiltration		0.0				0.0
2880 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
2880 minute winter	FC34	Infiltration		0.0				0.0
2880 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
2880 minute winter	FC35	Infiltration		0.0				0.0
2880 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
2880 minute winter	FC36	Infiltration		0.0				0.0
2880 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
2880 minute winter	FC37	Infiltration		0.0				0.0
2880 minute winter	FC38	40.000	J34	0.2	0.581	0.016	0.0016	
2880 minute winter	FC38	Infiltration		0.0				0.0
2880 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
2880 minute winter	FC39	Infiltration		0.0				0.0
2880 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC41	1380	184.900	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC42	3120	184.849	0.249	0.2	0.3259	0.0000	SURCHARGED
2880 minute winter	FC43	3120	184.849	0.249	0.2	0.3258	0.0000	SURCHARGED
2880 minute winter	FC44	3120	184.849	0.249	0.2	0.3149	0.0000	SURCHARGED
2880 minute winter	FC45	3120	184.849	0.249	0.2	0.3148	0.0000	SURCHARGED
2880 minute winter	FC46	1560	184.804	0.104	0.3	0.1424	0.0000	SURCHARGED
2880 minute winter	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
2880 minute winter	FC48	1380	184.850	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC40	Infiltration		0.0				0.0
2880 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0197	
2880 minute winter	FC41	Infiltration		0.0				0.0
2880 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0386	
2880 minute winter	FC42	Infiltration		0.0				0.0
2880 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0339	
2880 minute winter	FC43	Infiltration		0.0				0.0
2880 minute winter	FC44	46.000	J40	0.2	0.521	0.019	0.0344	
2880 minute winter	FC44	Infiltration		0.0				0.0
2880 minute winter	FC45	47.000	S10	0.2	0.602	0.015	0.0361	
2880 minute winter	FC45	Infiltration		0.0				0.0
2880 minute winter	FC46	48.000	S20	0.3	0.387	0.051	0.0202	
2880 minute winter	FC46	Infiltration		0.0				0.0
2880 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0207	
2880 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0200	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC49	1380	184.852	0.052	0.2	0.0680	0.0000	OK
2880 minute winter	FC50	1380	184.852	0.052	0.2	0.0680	0.0000	OK
2880 minute winter	FC51	1380	184.902	0.052	0.2	0.0679	0.0000	OK
2880 minute winter	FC52	1380	185.300	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC53	1380	185.300	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC54	1500	185.300	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC55	1500	185.300	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC48	Infiltration		0.0				0.0
2880 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
2880 minute winter	FC49	Infiltration		0.0				0.0
2880 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
2880 minute winter	FC50	Infiltration		0.0				0.0
2880 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
2880 minute winter	FC51	Infiltration		0.0				0.0
2880 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
2880 minute winter	FC52	Infiltration		0.0				0.0
2880 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
2880 minute winter	FC53	Infiltration		0.0				0.0
2880 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
2880 minute winter	FC54	Infiltration		0.0				0.0
2880 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
2880 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC56	1500	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC57	1500	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC58	1500	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC59	1500	185.400	0.050	0.2	0.0634	0.0000	OK
2880 minute winter	FC60	1380	185.400	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC61	1380	185.350	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC62	1560	185.352	0.102	0.3	0.1398	0.0000	SURCHARGED
2880 minute winter	FC63	1560	185.452	0.052	0.2	0.0654	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
2880 minute winter	FC56	Infiltration		0.0				0.0
2880 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
2880 minute winter	FC57	Infiltration		0.0				0.0
2880 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
2880 minute winter	FC58	Infiltration		0.0				0.0
2880 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
2880 minute winter	FC59	Infiltration		0.0				0.0
2880 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
2880 minute winter	FC60	Infiltration		0.0				0.0
2880 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
2880 minute winter	FC61	Infiltration		0.0				0.0
2880 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
2880 minute winter	FC62	Infiltration		0.0				0.0
2880 minute winter	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	FC64	1560	185.202	0.052	0.2	0.0654	0.0000	OK
2880 minute winter	FC65	1380	185.200	0.050	0.2	0.0656	0.0000	OK
2880 minute winter	FC66	1380	185.051	0.051	0.2	0.0668	0.0000	OK
2880 minute winter	FC67	1560	184.851	0.051	0.2	0.5225	0.0000	OK
2880 minute winter	FC68	2820	184.714	0.164	0.2	0.2075	0.0000	SURCHARGED
2880 minute winter	J1	1500	188.227	0.027	1.2	0.0404	0.0000	OK
2880 minute winter	J2	1500	188.095	0.039	1.4	0.0435	0.0000	OK
2880 minute winter	J3	1500	188.087	0.037	1.7	0.0414	0.0000	OK
2880 minute winter	J4	1500	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	FC63	Infiltration		0.0				0.0
2880 minute winter	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
2880 minute winter	FC64	Infiltration		0.0				0.0
2880 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0023	
2880 minute winter	FC65	Infiltration		0.0				0.0
2880 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
2880 minute winter	FC66	Infiltration		0.0				0.0
2880 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012	
2880 minute winter	FC67	Infiltration		0.0				0.0
2880 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0178	
2880 minute winter	FC68	Infiltration		0.0				0.0
2880 minute winter	J1	1.001	J2	1.2	0.732	0.145	0.0082	
2880 minute winter	J2	1.002	J3	1.4	0.407	0.104	0.0036	
2880 minute winter	J3	1.003	J4	1.7	0.646	0.128	0.0052	
2880 minute winter	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J5	1500	187.934	0.024	2.1	0.0271	0.0000	OK
2880 minute winter	J6	1500	187.682	0.032	2.3	0.0365	0.0000	OK
2880 minute winter	J7	1440	187.567	0.041	2.5	0.0469	0.0000	OK
2880 minute winter	J8	1500	187.548	0.027	2.8	0.0304	0.0000	OK
2880 minute winter	J9	1500	187.319	0.044	2.9	0.0498	0.0000	OK
2880 minute winter	J10	1500	187.295	0.025	3.2	0.0284	0.0000	OK
2880 minute winter	J11	1500	187.156	0.035	3.4	0.0396	0.0000	OK
2880 minute winter	J12	1500	186.852	0.043	4.8	0.0487	0.0000	OK
2880 minute winter	J13	2040	186.767	0.140	5.0	0.1579	0.0000	OK
2880 minute winter	J14	2040	186.767	0.144	5.2	0.1634	0.0000	OK
2880 minute winter	J15	2040	186.766	0.149	5.4	0.1689	0.0000	OK
2880 minute winter	J16	2040	186.766	0.161	5.6	0.1823	0.0000	OK
2880 minute winter	J17	2040	186.766	0.483	7.6	0.5465	0.0000	SURCHARGED
2880 minute winter	J18	2040	186.766	0.641	9.3	0.7251	0.0000	SURCHARGED
2880 minute winter	J19	2040	186.766	0.739	22.4	0.8358	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J5	1.005	J6	2.1	0.922	0.055	0.0130	
2880 minute winter	J6	1.006	J7	2.3	0.895	0.081	0.0051	
2880 minute winter	J7	1.007	J8	2.6	0.694	0.085	0.0043	
2880 minute winter	J8	1.008	J9	2.7	0.677	0.030	0.0344	
2880 minute winter	J9	1.009	J10	2.9	0.750	0.086	0.0047	
2880 minute winter	J10	1.010	J11	3.2	1.020	0.025	0.0077	
2880 minute winter	J11	1.011	S2	3.4	0.534	0.053	0.0349	
2880 minute winter	J12	1.013	J13	4.8	0.945	0.072	0.0392	
2880 minute winter	J13	1.014	J14	5.0	0.416	0.088	0.0623	
2880 minute winter	J14	1.015	J15	5.2	0.479	0.092	0.0657	
2880 minute winter	J15	1.016	J16	5.4	0.656	0.101	0.1886	
2880 minute winter	J16	1.017	J17	5.6	0.921	0.039	0.1561	
2880 minute winter	J17	1.018	S3	16.6	0.829	0.053	0.1328	
2880 minute winter	J18	1.020	J19	22.2	0.742	0.077	0.1049	
2880 minute winter	J19	1.021	S4	7.9	0.552	0.142	0.3096	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J20	2040	186.767	0.736	0.9	0.8319	0.0000	SURCHARGED
2880 minute winter	J21	2040	186.767	0.758	1.1	0.8568	0.0000	SURCHARGED
2880 minute winter	J22	2040	186.767	0.803	1.2	0.9087	0.0000	SURCHARGED
2880 minute winter	J23	2040	186.766	0.824	1.3	0.9324	0.0000	SURCHARGED
2880 minute winter	J24	2040	186.766	0.949	2.0	1.0736	0.0000	SURCHARGED
2880 minute winter	J25	2040	186.766	0.970	2.2	1.0973	0.0000	SURCHARGED
2880 minute winter	J26	2040	186.766	0.987	4.6	1.1165	0.0000	SURCHARGED
2880 minute winter	J27	2040	186.766	1.030	3.0	1.1649	0.0000	SURCHARGED
2880 minute winter	J28	1500	186.381	0.025	0.8	0.0282	0.0000	OK
2880 minute winter	J29	1500	186.300	0.029	1.0	0.0328	0.0000	OK
2880 minute winter	J30	1500	186.189	0.041	2.0	0.0469	0.0000	OK
2880 minute winter	J31	1500	186.086	0.042	2.2	0.0480	0.0000	OK
2880 minute winter	J32	1500	186.053	0.042	2.4	0.0477	0.0000	OK
2880 minute winter	J33	1500	185.563	0.027	3.3	0.0311	0.0000	OK
2880 minute winter	J34	1560	185.177	0.052	4.2	0.0589	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J20	23.002	J21	0.9	0.374	0.066	0.0665	
2880 minute winter	J21	23.003	J22	1.0	0.400	0.075	0.1411	
2880 minute winter	J22	23.004	J23	1.2	0.442	0.088	0.0633	
2880 minute winter	J23	23.005	S18	1.4	0.463	0.103	0.1321	
2880 minute winter	J24	23.007	J25	2.0	0.372	0.068	0.2458	
2880 minute winter	J25	23.008	J26	4.4	0.371	0.147	0.1975	
2880 minute winter	J26	23.009	S19	2.3	0.373	0.074	0.1474	
2880 minute winter	J27	23.011	S4	9.9	0.490	0.331	0.0951	
2880 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150	
2880 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085	
2880 minute winter	J30	32.004	J31	2.0	0.525	0.151	0.0190	
2880 minute winter	J31	32.005	J32	2.2	0.427	0.073	0.0503	
2880 minute winter	J32	32.006	S13	2.4	0.618	0.080	0.0209	
2880 minute winter	J33	32.008	S14	3.3	0.784	0.032	0.0389	
2880 minute winter	J34	32.010	J35	4.2	0.795	0.109	0.0482	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J35	1560	185.109	0.034	4.4	0.0384	0.0000	OK
2880 minute winter	J36	1560	184.931	0.056	4.6	0.0629	0.0000	OK
2880 minute winter	J37	3120	184.849	0.349	5.5	0.3950	0.0000	SURCHARGED
2880 minute winter	J38	3120	184.849	0.549	6.4	0.6213	0.0000	SURCHARGED
2880 minute winter	J39	3120	184.849	0.575	6.6	0.6507	0.0000	SURCHARGED
2880 minute winter	J40	3120	184.849	0.584	6.8	0.6608	0.0000	SURCHARGED
2880 minute winter	J41	2820	184.714	0.117	0.3	0.1326	0.0000	SURCHARGED
2880 minute winter	J42	2820	184.714	0.177	0.5	0.2004	0.0000	SURCHARGED
2880 minute winter	J43	2820	184.714	0.334	1.3	0.3779	0.0000	SURCHARGED
2880 minute winter	J44	2820	184.714	0.344	1.5	0.3892	0.0000	SURCHARGED
2880 minute winter	J45	2820	184.714	0.394	1.7	0.4458	0.0000	SURCHARGED
2880 minute winter	J46	2820	184.714	0.492	2.5	0.5567	0.0000	SURCHARGED
2880 minute winter	J47	2820	184.714	0.507	2.7	0.5736	0.0000	SURCHARGED
2880 minute winter	J48	2820	184.714	0.520	3.5	0.5883	0.0000	SURCHARGED
2880 minute winter	J49	3060	184.717	0.548	3.7	0.6196	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J35	32.011	J36	4.4	0.787	0.049	0.0390	
2880 minute winter	J36	32.012	S15	4.6	0.772	0.153	0.0142	
2880 minute winter	J37	32.014	S16	5.5	0.867	0.100	0.3651	
2880 minute winter	J38	32.016	J39	6.4	0.511	0.118	0.7617	
2880 minute winter	J39	32.017	J40	6.6	0.635	0.121	0.2574	
2880 minute winter	J40	32.018	S10	6.8	0.789	0.068	0.6738	
2880 minute winter	J41	48.002	J42	0.3	0.322	0.051	0.0486	
2880 minute winter	J42	48.003	S21	0.5	0.454	0.085	0.0640	
2880 minute winter	J43	48.005	J44	1.3	0.431	0.093	0.0283	
2880 minute winter	J44	48.006	J45	1.5	0.452	0.112	0.1545	
2880 minute winter	J45	48.007	S22	1.7	0.500	0.125	0.0419	
2880 minute winter	J46	48.009	J47	2.5	0.358	0.081	0.1676	
2880 minute winter	J47	48.010	S23	2.7	0.340	0.090	0.1050	
2880 minute winter	J48	48.012	J49	3.5	0.411	0.117	0.2962	
2880 minute winter	J49	48.013	J50	3.7	0.405	0.121	0.0451	

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	J50	2820	184.714	0.549	3.9	0.6212	0.0000	SURCHARGED
2880 minute winter	J51	3060	184.722	0.574	4.1	0.6496	0.0000	SURCHARGED
2880 minute winter	J52	2820	184.714	0.570	4.4	0.6449	0.0000	SURCHARGED
2880 minute winter	J53	2820	184.714	0.587	4.6	0.6642	0.0000	SURCHARGED
2880 minute winter	J54	1500	185.157	0.028	0.9	0.0314	0.0000	OK
2880 minute winter	J55	1500	185.121	0.026	1.1	0.0299	0.0000	OK
2880 minute winter	J56	2820	184.714	0.707	6.6	0.7999	0.0000	SURCHARGED
2880 minute winter	J57	2820	184.714	0.729	6.8	0.8247	0.0000	SURCHARGED
2880 minute winter	BASIN 1	2040	186.766	1.841	10.2	268.6570	0.0000	FLOOD RISK
2880 minute winter	BASIN 2	2040	184.856	0.556	4.8	56.3990	0.0000	OK
2880 minute winter	BASIN 3	3120	184.849	1.749	12.9	1021.0180	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	J50	48.014	J51	3.9	0.417	0.131	0.2018	
2880 minute winter	J51	48.015	J52	4.1	0.433	0.134	0.0451	
2880 minute winter	J52	48.016	J53	4.4	0.493	0.144	0.1938	
2880 minute winter	J53	48.017	S24	4.6	0.569	0.153	0.4079	
2880 minute winter	J54	65.002	J55	0.9	0.526	0.152	0.0062	
2880 minute winter	J55	65.003	S24	1.1	0.678	0.145	0.0127	
2880 minute winter	J56	48.019	J57	6.6	0.462	0.121	0.6398	
2880 minute winter	J57	48.020	S25	6.8	0.476	0.124	0.4307	
2880 minute winter	BASIN 1	1.023	S5	4.7	0.096	0.057	0.9418	
2880 minute winter	BASIN 1	Infiltration		0.1				16.1
2880 minute winter	BASIN 2	1.027	S7	4.7	0.615	0.057	0.3356	
2880 minute winter	BASIN 2	71.000	BH1	0.3	0.386	0.057	0.1829	
2880 minute winter	BASIN 2	Infiltration		0.0				0.0
2880 minute winter	BASIN 3	1.034	BH2	0.4	0.007	0.003	1.8265	
2880 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 2880 minute winter. 3120 minute analysis at 60 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
2880 minute winter	BASIN 4	2820	184.714	1.384	8.0	459.7366	0.0000	SURCHARGED
2880 minute winter	SWALE 1	2040	184.934	0.060	4.7	0.0859	0.0000	OK
2880 minute winter	SWALE 2	3120	184.850	0.475	4.7	0.6791	0.0000	SURCHARGED
2880 minute winter	SWALE 3	3120	184.849	0.854	19.5	1.2224	0.0000	SURCHARGED
2880 minute winter	BH1	2040	184.856	0.779	0.3	3.0613	0.0000	OK
2880 minute winter	BH2	3120	184.849	1.766	0.4	8.3775	0.0000	OK
2880 minute winter	BH3	2820	184.714	1.395	0.4	7.4270	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	BASIN 4	48.022	BH3	0.4	0.269	0.007	0.3211	
2880 minute winter	BASIN 4	Infiltration		0.0				0.0
2880 minute winter	SWALE 1	1.025	S6	4.7	0.403	0.057	0.4403	
2880 minute winter	SWALE 2	1.029	S8	4.7	0.588	0.057	2.8384	
2880 minute winter	SWALE 3	1.033	BASIN 3	12.0	0.723	0.096	4.7654	
2880 minute winter	BH1	Infiltration		0.1				16.0
2880 minute winter	BH2	Infiltration		0.2				20.6
2880 minute winter	BH3	Infiltration		0.2				30.7

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S1	2160	188.386	0.016	0.5	0.0245	0.0000	OK
4320 minute summer	S2	2160	187.103	0.064	4.7	0.1141	0.0000	OK
4320 minute summer	S3	2700	186.693	0.556	27.4	0.7496	0.0000	SURCHARGED
4320 minute summer	S4	2640	186.692	1.314	10.7	1.7040	0.0000	SURCHARGED
4320 minute summer	S5	2760	186.691	1.781	4.6	2.5482	0.0000	SURCHARGED
4320 minute summer	S6	4560	185.028	0.220	4.6	0.3144	0.0000	OK
4320 minute summer	S7	4560	185.028	0.268	4.6	0.3842	0.0000	OK
4320 minute summer	S8	4560	185.028	0.698	4.6	0.9982	0.0000	SURCHARGED
4320 minute summer	S9	4560	185.028	0.902	5.0	1.2914	0.0000	SURCHARGED
4320 minute summer	S10	4560	185.027	0.914	12.5	1.6999	0.0000	SURCHARGED
4320 minute summer	S11	2220	186.424	0.024	0.7	0.0387	0.0000	OK
4320 minute summer	S12	2220	186.218	0.042	2.0	0.0633	0.0000	OK
4320 minute summer	S13	2220	186.022	0.029	3.3	0.0441	0.0000	OK
4320 minute summer	S14	2220	185.224	0.049	4.4	0.0786	0.0000	OK
4320 minute summer	S15	4560	185.027	0.160	5.8	0.2591	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S1	1.000	J1	0.5	0.404	0.057	0.0103	
4320 minute summer	S2	1.012	J12	4.7	0.561	0.157	0.0125	
4320 minute summer	S3	1.019	J18	6.6	0.913	0.124	0.3613	
4320 minute summer	S4	1.022	BASIN 1	10.9	0.670	0.065	1.1778	
4320 minute summer	S5	1.024	SWALE 1	4.6	0.405	0.055	0.7330	
4320 minute summer	S6	1.026	BASIN 2	4.6	0.403	0.053	0.3961	
4320 minute summer	S7	1.028	SWALE 2	4.6	0.605	0.015	1.6270	
4320 minute summer	S8	1.030	S9	4.6	0.615	0.018	1.3252	
4320 minute summer	S9	1.031	S10	6.6	0.548	0.079	0.7372	
4320 minute summer	S10	1.032	SWALE 3	20.1	0.932	0.061	0.4809	
4320 minute summer	S11	32.000	J28	0.7	0.452	0.118	0.0070	
4320 minute summer	S12	32.003	J30	2.0	0.485	0.150	0.0210	
4320 minute summer	S13	32.007	J33	3.3	1.125	0.034	0.0382	
4320 minute summer	S14	32.009	J34	4.4	0.645	0.087	0.0358	
4320 minute summer	S15	32.013	J37	5.8	1.267	0.063	0.3269	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	S16	4560	185.027	0.540	6.8	0.8444	0.0000	SURCHARGED
4320 minute summer	S17	2760	186.692	0.542	0.9	0.8874	0.0000	SURCHARGED
4320 minute summer	S18	2760	186.692	0.868	2.1	1.3126	0.0000	SURCHARGED
4320 minute summer	S19	2760	186.691	0.925	3.2	1.3620	0.0000	SURCHARGED
4320 minute summer	S20	4080	184.692	0.050	0.3	0.0570	0.0000	OK
4320 minute summer	S21	4140	184.693	0.284	1.2	0.3821	0.0000	SURCHARGED
4320 minute summer	S22	4140	184.693	0.462	2.5	0.6057	0.0000	SURCHARGED
4320 minute summer	S23	4140	184.693	0.495	3.6	0.6450	0.0000	SURCHARGED
4320 minute summer	S24	4140	184.693	0.676	6.7	0.9012	0.0000	SURCHARGED
4320 minute summer	S25	4140	184.693	0.723	7.5	1.0173	0.0000	SURCHARGED
4320 minute summer	S26	2220	185.395	0.018	0.7	0.0267	0.0000	OK
4320 minute summer	FC1	2160	188.302	0.052	0.2	0.0673	0.0000	OK
4320 minute summer	FC2	2160	188.202	0.052	0.2	0.0680	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	S16	32.015	J38	6.8	0.809	0.021	0.1625	
4320 minute summer	S17	23.001	J20	0.9	0.509	0.149	0.0560	
4320 minute summer	S18	23.006	J24	2.1	0.364	0.065	0.0729	
4320 minute summer	S19	23.010	J27	3.6	0.429	0.121	0.3541	
4320 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0269	
4320 minute summer	S21	48.004	J43	1.2	0.401	0.090	0.0898	
4320 minute summer	S22	48.008	J46	2.5	0.374	0.080	0.0967	
4320 minute summer	S23	48.011	J48	3.6	0.423	0.117	0.0447	
4320 minute summer	S24	48.018	J56	6.7	0.453	0.125	0.2989	
4320 minute summer	S25	48.021	BASIN 4	7.5	0.585	0.141	0.2710	
4320 minute summer	S26	65.001	J54	0.7	0.525	0.068	0.0115	
4320 minute summer	FC1	2.000	J1	0.2	0.212	0.032	0.0053	
4320 minute summer	FC1	Infiltration		0.0				0.0
4320 minute summer	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
4320 minute summer	FC2	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC3	2280	188.303	0.103	0.3	0.1418	0.0000	SURCHARGED
4320 minute summer	FC4	2280	188.251	0.051	0.2	0.0640	0.0000	OK
4320 minute summer	FC5	2160	188.052	0.052	0.2	0.0680	0.0000	OK
4320 minute summer	FC6	2220	187.900	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC7	2280	187.801	0.051	0.2	0.0643	0.0000	OK
4320 minute summer	FC8	2160	187.800	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC9	2280	187.522	0.052	0.2	0.0656	0.0000	OK
4320 minute summer	FC10	2280	187.573	0.103	0.3	0.1413	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC3	4.000	J3	0.3	0.408	0.048	0.0069	
4320 minute summer	FC3	Infiltration		0.0				0.0
4320 minute summer	FC4	5.000	J4	0.2	0.407	0.027	0.0036	
4320 minute summer	FC4	Infiltration		0.0				0.0
4320 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
4320 minute summer	FC5	Infiltration		0.0				0.0
4320 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032	
4320 minute summer	FC6	Infiltration		0.0				0.0
4320 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037	
4320 minute summer	FC7	Infiltration		0.0				0.0
4320 minute summer	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
4320 minute summer	FC8	Infiltration		0.0				0.0
4320 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041	
4320 minute summer	FC9	Infiltration		0.0				0.0
4320 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC11	2160	187.372	0.052	0.2	0.0679	0.0000	OK
4320 minute summer	FC12	2160	187.282	0.052	0.2	0.0679	0.0000	OK
4320 minute summer	FC13	2160	187.052	0.052	0.2	0.0679	0.0000	OK
4320 minute summer	FC14	2400	186.952	0.052	0.2	0.6607	0.0000	OK
4320 minute summer	FC15	2220	187.250	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC16	2280	186.952	0.052	0.2	0.0651	0.0000	OK
4320 minute summer	FC17	2220	187.050	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC10	Infiltration		0.0				0.0
4320 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
4320 minute summer	FC11	Infiltration		0.0				0.0
4320 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
4320 minute summer	FC12	Infiltration		0.0				0.0
4320 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
4320 minute summer	FC13	Infiltration		0.0				0.0
4320 minute summer	FC14	15.000	J13	0.2	0.348	0.034	0.0043	
4320 minute summer	FC14	Infiltration		0.0				0.0
4320 minute summer	FC15	16.000	J14	0.2	0.730	0.012	0.0013	
4320 minute summer	FC15	Infiltration		0.0				0.0
4320 minute summer	FC16	17.000	J15	0.2	0.364	0.032	0.0042	
4320 minute summer	FC16	Infiltration		0.0				0.0
4320 minute summer	FC17	18.000	J16	0.2	0.575	0.016	0.0017	
4320 minute summer	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC18	2760	186.701	0.151	0.2	0.1911	0.0000	SURCHARGED
4320 minute summer	FC19	2760	186.701	0.301	0.2	0.3938	0.0000	SURCHARGED
4320 minute summer	FC20	2160	187.000	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC21	2760	186.701	0.401	0.2	0.5243	0.0000	SURCHARGED
4320 minute summer	FC22	2760	186.702	0.252	0.2	2.4391	0.0000	SURCHARGED
4320 minute summer	FC23	2760	186.702	0.402	0.2	0.5074	0.0000	SURCHARGED
4320 minute summer	FC24	2760	186.702	0.402	0.2	0.5251	0.0000	SURCHARGED
4320 minute summer	FC25	2760	186.702	0.152	0.2	0.1982	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC18	19.000	J17	0.2	0.347	0.039	0.0548	
4320 minute summer	FC18	Infiltration		0.0				0.0
4320 minute summer	FC19	20.000	S3	0.4	0.347	0.070	0.0517	
4320 minute summer	FC19	Infiltration		0.0				0.0
4320 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0070	
4320 minute summer	FC20	Infiltration		0.0				0.0
4320 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0599	
4320 minute summer	FC21	Infiltration		0.0				0.0
4320 minute summer	FC22	23.000	S17	0.2	0.216	0.013	0.0373	
4320 minute summer	FC22	Infiltration		0.0				0.0
4320 minute summer	FC23	24.000	J20	0.2	0.597	0.015	0.0359	
4320 minute summer	FC23	Infiltration		0.0				0.0
4320 minute summer	FC24	25.000	J21	0.2	0.627	0.014	0.0363	
4320 minute summer	FC24	Infiltration		0.0				0.0
4320 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0370	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC26	2760	186.701	0.251	0.2	2.5325	0.0000	SURCHARGED
4320 minute summer	FC27	2760	186.701	0.201	0.2	0.2543	0.0000	SURCHARGED
4320 minute summer	FC28	2760	186.701	0.201	0.2	0.2631	0.0000	SURCHARGED
4320 minute summer	FC29	2760	186.701	0.201	0.2	0.2631	0.0000	SURCHARGED
4320 minute summer	FC30	2160	186.800	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC31	2220	186.500	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC32	2220	186.500	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC25	Infiltration		0.0				0.0
4320 minute summer	FC26	27.000	J23	0.2	0.591	0.015	0.0361	
4320 minute summer	FC26	Infiltration		0.0				0.0
4320 minute summer	FC27	28.000	J24	0.2	0.688	0.011	0.0352	
4320 minute summer	FC27	Infiltration		0.0				0.0
4320 minute summer	FC28	29.000	J25	0.2	0.691	0.014	0.0341	
4320 minute summer	FC28	Infiltration		0.0				0.0
4320 minute summer	FC29	30.000	J26	0.2	0.672	0.014	0.0369	
4320 minute summer	FC29	Infiltration		0.0				0.0
4320 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0177	
4320 minute summer	FC30	Infiltration		0.0				0.0
4320 minute summer	FC31	33.000	J28	0.2	0.215	0.022	0.0044	
4320 minute summer	FC31	Infiltration		0.0				0.0
4320 minute summer	FC32	34.000	J29	0.2	0.194	0.016	0.0049	
4320 minute summer	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC33	2160	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC34	2160	186.502	0.052	0.2	0.0676	0.0000	OK
4320 minute summer	FC35	2160	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC36	2160	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC37	2280	185.901	0.101	0.3	0.1386	0.0000	SURCHARGED
4320 minute summer	FC38	2280	185.499	0.048	0.2	0.5819	0.0000	OK
4320 minute summer	FC39	2220	185.500	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC40	2160	185.550	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
4320 minute summer	FC33	Infiltration		0.0				0.0
4320 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
4320 minute summer	FC34	Infiltration		0.0				0.0
4320 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
4320 minute summer	FC35	Infiltration		0.0				0.0
4320 minute summer	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
4320 minute summer	FC36	Infiltration		0.0				0.0
4320 minute summer	FC37	39.000	J33	0.3	0.519	0.034	0.0038	
4320 minute summer	FC37	Infiltration		0.0				0.0
4320 minute summer	FC38	40.000	J34	0.2	0.581	0.016	0.0016	
4320 minute summer	FC38	Infiltration		0.0				0.0
4320 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014	
4320 minute summer	FC39	Infiltration		0.0				0.0
4320 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0044	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC41	4560	185.028	0.177	0.2	0.2319	0.0000	SURCHARGED
4320 minute summer	FC42	4560	185.028	0.428	0.2	0.5590	0.0000	SURCHARGED
4320 minute summer	FC43	4560	185.027	0.427	0.2	0.5583	0.0000	SURCHARGED
4320 minute summer	FC44	4560	185.028	0.428	0.2	0.5406	0.0000	SURCHARGED
4320 minute summer	FC45	4560	185.027	0.427	0.2	0.5397	0.0000	SURCHARGED
4320 minute summer	FC46	2280	184.804	0.104	0.3	0.1424	0.0000	SURCHARGED
4320 minute summer	FC47	60	184.750	0.000	0.0	0.0000	0.0000	OK
4320 minute summer	FC48	2160	184.850	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC40	Infiltration		0.0				0.0
4320 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0394	
4320 minute summer	FC41	Infiltration		0.0				0.0
4320 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0386	
4320 minute summer	FC42	Infiltration		0.0				0.0
4320 minute summer	FC43	45.000	J39	0.2	0.510	0.019	0.0339	
4320 minute summer	FC43	Infiltration		0.0				0.0
4320 minute summer	FC44	46.000	J40	0.2	0.521	0.019	0.0344	
4320 minute summer	FC44	Infiltration		0.0				0.0
4320 minute summer	FC45	47.000	S10	0.2	0.602	0.015	0.0361	
4320 minute summer	FC45	Infiltration		0.0				0.0
4320 minute summer	FC46	48.000	S20	0.3	0.387	0.051	0.0119	
4320 minute summer	FC46	Infiltration		0.0				0.0
4320 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0204	
4320 minute summer	FC48	50.000	J42	0.2	0.320	0.014	0.0196	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC49	2160	184.852	0.052	0.2	0.0680	0.0000	OK
4320 minute summer	FC50	2160	184.852	0.052	0.2	0.0680	0.0000	OK
4320 minute summer	FC51	2160	184.902	0.052	0.2	0.0679	0.0000	OK
4320 minute summer	FC52	2160	185.300	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC53	2160	185.300	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC54	2220	185.300	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC55	2220	185.300	0.050	0.2	0.0634	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC48	Infiltration		0.0				0.0
4320 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
4320 minute summer	FC49	Infiltration		0.0				0.0
4320 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
4320 minute summer	FC50	Infiltration		0.0				0.0
4320 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
4320 minute summer	FC51	Infiltration		0.0				0.0
4320 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
4320 minute summer	FC52	Infiltration		0.0				0.0
4320 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
4320 minute summer	FC53	Infiltration		0.0				0.0
4320 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015	
4320 minute summer	FC54	Infiltration		0.0				0.0
4320 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013	
4320 minute summer	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC56	2220	185.400	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC57	2220	185.400	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC58	2220	185.400	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC59	2220	185.400	0.050	0.2	0.0634	0.0000	OK
4320 minute summer	FC60	2160	185.400	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC61	2160	185.350	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC62	2280	185.352	0.102	0.3	0.1398	0.0000	SURCHARGED
4320 minute summer	FC63	2280	185.452	0.052	0.2	0.0654	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019	
4320 minute summer	FC56	Infiltration		0.0				0.0
4320 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020	
4320 minute summer	FC57	Infiltration		0.0				0.0
4320 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020	
4320 minute summer	FC58	Infiltration		0.0				0.0
4320 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023	
4320 minute summer	FC59	Infiltration		0.0				0.0
4320 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
4320 minute summer	FC60	Infiltration		0.0				0.0
4320 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
4320 minute summer	FC61	Infiltration		0.0				0.0
4320 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060	
4320 minute summer	FC62	Infiltration		0.0				0.0
4320 minute summer	FC63	65.000	S26	0.2	0.269	0.034	0.0018	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	FC64	2280	185.202	0.052	0.2	0.0654	0.0000	OK
4320 minute summer	FC65	2160	185.200	0.050	0.2	0.0656	0.0000	OK
4320 minute summer	FC66	2160	185.051	0.051	0.2	0.0668	0.0000	OK
4320 minute summer	FC67	2280	184.851	0.051	0.2	0.5225	0.0000	OK
4320 minute summer	FC68	4140	184.693	0.143	0.2	0.1800	0.0000	SURCHARGED
4320 minute summer	J1	2160	188.227	0.027	1.2	0.0404	0.0000	OK
4320 minute summer	J2	2220	188.095	0.039	1.4	0.0435	0.0000	OK
4320 minute summer	J3	2220	188.087	0.037	1.7	0.0414	0.0000	OK
4320 minute summer	J4	2220	188.065	0.026	1.9	0.0289	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	FC63	Infiltration		0.0				0.0
4320 minute summer	FC64	66.000	J54	0.2	0.178	0.034	0.0026	
4320 minute summer	FC64	Infiltration		0.0				0.0
4320 minute summer	FC65	67.000	J55	0.2	0.276	0.021	0.0023	
4320 minute summer	FC65	Infiltration		0.0				0.0
4320 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
4320 minute summer	FC66	Infiltration		0.0				0.0
4320 minute summer	FC67	69.000	J56	0.2	0.339	0.033	0.0012	
4320 minute summer	FC67	Infiltration		0.0				0.0
4320 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0178	
4320 minute summer	FC68	Infiltration		0.0				0.0
4320 minute summer	J1	1.001	J2	1.2	0.732	0.145	0.0082	
4320 minute summer	J2	1.002	J3	1.4	0.407	0.104	0.0036	
4320 minute summer	J3	1.003	J4	1.7	0.647	0.128	0.0052	
4320 minute summer	J4	1.004	J5	1.9	1.003	0.056	0.0067	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J5	2220	187.934	0.024	2.1	0.0271	0.0000	OK
4320 minute summer	J6	2220	187.682	0.032	2.3	0.0365	0.0000	OK
4320 minute summer	J7	2280	187.567	0.042	2.5	0.0470	0.0000	OK
4320 minute summer	J8	2160	187.548	0.027	2.8	0.0304	0.0000	OK
4320 minute summer	J9	2220	187.319	0.044	2.9	0.0497	0.0000	OK
4320 minute summer	J10	2220	187.295	0.025	3.2	0.0284	0.0000	OK
4320 minute summer	J11	2280	187.156	0.035	3.4	0.0396	0.0000	OK
4320 minute summer	J12	2160	186.853	0.044	4.9	0.0493	0.0000	OK
4320 minute summer	J13	2220	186.698	0.071	5.1	0.0798	0.0000	OK
4320 minute summer	J14	2700	186.693	0.071	5.3	0.0805	0.0000	OK
4320 minute summer	J15	2760	186.692	0.075	5.5	0.0850	0.0000	OK
4320 minute summer	J16	2760	186.692	0.086	5.7	0.0978	0.0000	OK
4320 minute summer	J17	2700	186.693	0.410	5.9	0.4634	0.0000	SURCHARGED
4320 minute summer	J18	2700	186.691	0.566	6.8	0.6406	0.0000	SURCHARGED
4320 minute summer	J19	2760	186.691	0.664	11.2	0.7513	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J5	1.005	J6	2.1	0.922	0.055	0.0130	
4320 minute summer	J6	1.006	J7	2.3	0.895	0.081	0.0051	
4320 minute summer	J7	1.007	J8	2.6	0.682	0.084	0.0043	
4320 minute summer	J8	1.008	J9	2.7	0.678	0.030	0.0343	
4320 minute summer	J9	1.009	J10	2.9	0.767	0.088	0.0047	
4320 minute summer	J10	1.010	J11	3.2	1.020	0.025	0.0077	
4320 minute summer	J11	1.011	S2	3.4	0.534	0.053	0.0353	
4320 minute summer	J12	1.013	J13	4.9	0.950	0.073	0.0334	
4320 minute summer	J13	1.014	J14	5.1	0.418	0.090	0.0232	
4320 minute summer	J14	1.015	J15	5.3	0.482	0.094	0.0254	
4320 minute summer	J15	1.016	J16	5.5	0.659	0.103	0.0784	
4320 minute summer	J16	1.017	J17	5.7	0.926	0.040	0.0829	
4320 minute summer	J17	1.018	S3	26.6	0.846	0.085	0.1328	
4320 minute summer	J18	1.020	J19	11.0	0.758	0.038	0.1049	
4320 minute summer	J19	1.021	S4	6.9	0.578	0.125	0.3096	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J20	2760	186.692	0.661	1.1	0.7475	0.0000	SURCHARGED
4320 minute summer	J21	2760	186.692	0.683	1.2	0.7723	0.0000	SURCHARGED
4320 minute summer	J22	2760	186.692	0.729	1.3	0.8241	0.0000	SURCHARGED
4320 minute summer	J23	2760	186.692	0.750	1.5	0.8479	0.0000	SURCHARGED
4320 minute summer	J24	2760	186.692	0.875	2.3	0.9891	0.0000	SURCHARGED
4320 minute summer	J25	2700	186.692	0.896	2.4	1.0132	0.0000	SURCHARGED
4320 minute summer	J26	2700	186.692	0.913	2.6	1.0325	0.0000	SURCHARGED
4320 minute summer	J27	2640	186.694	0.958	5.6	1.0839	0.0000	SURCHARGED
4320 minute summer	J28	2220	186.383	0.027	0.9	0.0300	0.0000	OK
4320 minute summer	J29	2220	186.302	0.031	1.1	0.0346	0.0000	OK
4320 minute summer	J30	2220	186.191	0.044	2.2	0.0493	0.0000	OK
4320 minute summer	J31	2220	186.088	0.044	2.4	0.0502	0.0000	OK
4320 minute summer	J32	2220	186.055	0.044	2.6	0.0496	0.0000	OK
4320 minute summer	J33	2220	185.564	0.029	3.6	0.0324	0.0000	OK
4320 minute summer	J34	2220	185.179	0.054	4.6	0.0616	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J20	23.002	J21	1.0	0.396	0.074	0.0665	
4320 minute summer	J21	23.003	J22	1.1	0.399	0.085	0.1411	
4320 minute summer	J22	23.004	J23	1.3	0.431	0.095	0.0633	
4320 minute summer	J23	23.005	S18	1.4	0.474	0.107	0.1321	
4320 minute summer	J24	23.007	J25	2.2	0.372	0.073	0.2458	
4320 minute summer	J25	23.008	J26	2.4	0.371	0.079	0.1975	
4320 minute summer	J26	23.009	S19	2.5	0.373	0.082	0.1474	
4320 minute summer	J27	23.011	S4	3.3	0.490	0.110	0.0951	
4320 minute summer	J28	32.001	J29	0.9	0.489	0.152	0.0163	
4320 minute summer	J29	32.002	S12	1.1	0.562	0.185	0.0091	
4320 minute summer	J30	32.004	J31	2.2	0.539	0.166	0.0203	
4320 minute summer	J31	32.005	J32	2.4	0.439	0.080	0.0533	
4320 minute summer	J32	32.006	S13	2.6	0.629	0.086	0.0222	
4320 minute summer	J33	32.008	S14	3.6	0.798	0.035	0.0417	
4320 minute summer	J34	32.010	J35	4.6	0.818	0.119	0.0513	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J35	2220	185.110	0.035	4.8	0.0400	0.0000	OK
4320 minute summer	J36	4560	185.027	0.152	5.0	0.1724	0.0000	OK
4320 minute summer	J37	4560	185.027	0.527	6.0	0.5964	0.0000	SURCHARGED
4320 minute summer	J38	4560	185.028	0.728	7.0	0.8229	0.0000	SURCHARGED
4320 minute summer	J39	4560	185.028	0.754	7.2	0.8522	0.0000	SURCHARGED
4320 minute summer	J40	4560	185.028	0.763	7.4	0.8624	0.0000	SURCHARGED
4320 minute summer	J41	4140	184.692	0.095	0.3	0.1079	0.0000	OK
4320 minute summer	J42	4140	184.692	0.155	0.5	0.1758	0.0000	SURCHARGED
4320 minute summer	J43	4140	184.693	0.313	1.4	0.3536	0.0000	SURCHARGED
4320 minute summer	J44	4140	184.693	0.323	1.6	0.3649	0.0000	SURCHARGED
4320 minute summer	J45	4140	184.693	0.373	1.8	0.4215	0.0000	SURCHARGED
4320 minute summer	J46	4140	184.693	0.471	2.7	0.5323	0.0000	SURCHARGED
4320 minute summer	J47	4140	184.693	0.486	2.9	0.5493	0.0000	SURCHARGED
4320 minute summer	J48	4140	184.693	0.499	3.8	0.5640	0.0000	SURCHARGED
4320 minute summer	J49	4140	184.693	0.524	4.0	0.5922	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J35	32.011	J36	4.8	0.808	0.054	0.0983	
4320 minute summer	J36	32.012	S15	5.0	0.789	0.166	0.0698	
4320 minute summer	J37	32.014	S16	6.0	0.891	0.109	0.3651	
4320 minute summer	J38	32.016	J39	7.0	0.525	0.129	0.7617	
4320 minute summer	J39	32.017	J40	7.2	0.652	0.131	0.2574	
4320 minute summer	J40	32.018	S10	7.4	0.807	0.074	0.6738	
4320 minute summer	J41	48.002	J42	0.3	0.322	0.051	0.0482	
4320 minute summer	J42	48.003	S21	0.5	0.454	0.085	0.0640	
4320 minute summer	J43	48.005	J44	1.4	0.431	0.100	0.0283	
4320 minute summer	J44	48.006	J45	1.6	0.460	0.120	0.1545	
4320 minute summer	J45	48.007	S22	1.8	0.508	0.133	0.0419	
4320 minute summer	J46	48.009	J47	2.7	0.361	0.088	0.1676	
4320 minute summer	J47	48.010	S23	2.9	0.341	0.096	0.1050	
4320 minute summer	J48	48.012	J49	3.8	0.419	0.127	0.2962	
4320 minute summer	J49	48.013	J50	4.0	0.413	0.131	0.0451	

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Results for 100 year +45% CC +10% A 4320 minute summer. 4560 minute analysis at 60 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	J50	4140	184.693	0.528	4.2	0.5967	0.0000	SURCHARGED
4320 minute summer	J51	4140	184.693	0.545	4.4	0.6159	0.0000	SURCHARGED
4320 minute summer	J52	4140	184.693	0.549	4.7	0.6204	0.0000	SURCHARGED
4320 minute summer	J53	4140	184.693	0.566	4.9	0.6397	0.0000	SURCHARGED
4320 minute summer	J54	2220	185.157	0.028	0.9	0.0314	0.0000	OK
4320 minute summer	J55	2220	185.121	0.026	1.1	0.0299	0.0000	OK
4320 minute summer	J56	4140	184.693	0.686	6.9	0.7753	0.0000	SURCHARGED
4320 minute summer	J57	4140	184.693	0.708	7.1	0.8002	0.0000	SURCHARGED
4320 minute summer	BASIN 1	2760	186.691	1.766	11.2	254.1291	0.0000	SURCHARGED
4320 minute summer	BASIN 2	4560	185.028	0.728	4.7	77.2236	0.0000	OK
4320 minute summer	BASIN 3	4560	185.028	1.928	13.6	1120.8820	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	J50	48.014	J51	4.2	0.425	0.141	0.2018	
4320 minute summer	J51	48.015	J52	4.4	0.441	0.144	0.0451	
4320 minute summer	J52	48.016	J53	4.7	0.502	0.154	0.1938	
4320 minute summer	J53	48.017	S24	4.9	0.578	0.162	0.4079	
4320 minute summer	J54	65.002	J55	0.9	0.526	0.152	0.0062	
4320 minute summer	J55	65.003	S24	1.1	0.678	0.145	0.0127	
4320 minute summer	J56	48.019	J57	6.9	0.464	0.126	0.6398	
4320 minute summer	J57	48.020	S25	7.0	0.476	0.129	0.4307	
4320 minute summer	BASIN 1	1.023	S5	4.6	0.097	0.056	0.9418	
4320 minute summer	BASIN 1	Infiltration		0.1				19.7
4320 minute summer	BASIN 2	1.027	S7	4.6	0.611	0.056	1.6908	
4320 minute summer	BASIN 2	71.000	BH1	0.3	0.396	0.056	0.1829	
4320 minute summer	BASIN 2	Infiltration		0.0				0.0
4320 minute summer	BASIN 3	1.034	BH2	0.4	0.111	0.004	1.8265	
4320 minute summer	BASIN 3	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute summer	BASIN 4	4140	184.693	1.363	8.4	451.3725	0.0000	SURCHARGED
4320 minute summer	SWALE 1	4560	185.028	0.154	4.6	0.2202	0.0000	OK
4320 minute summer	SWALE 2	4560	185.028	0.653	4.6	0.9338	0.0000	SURCHARGED
4320 minute summer	SWALE 3	4560	185.027	1.032	20.1	1.4773	0.0000	FLOOD RISK
4320 minute summer	BH1	4560	185.028	0.951	0.3	3.5579	0.0000	OK
4320 minute summer	BH2	4560	185.028	1.945	0.4	8.6327	0.0000	OK
4320 minute summer	BH3	4140	184.693	1.374	0.3	7.4024	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	BASIN 4	48.022	BH3	0.3	0.195	0.005	0.3211	
4320 minute summer	BASIN 4	Infiltration		0.0				0.0
4320 minute summer	SWALE 1	1.025	S6	4.6	0.400	0.056	2.0669	
4320 minute summer	SWALE 2	1.029	S8	4.6	0.584	0.056	2.8384	
4320 minute summer	SWALE 3	1.033	BASIN 3	12.5	0.731	0.100	4.7654	
4320 minute summer	BH1	Infiltration		0.1				24.0
4320 minute summer	BH2	Infiltration		0.2				29.2
4320 minute summer	BH3	Infiltration		0.2				44.1

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S1	1860	188.383	0.013	0.3	0.0192	0.0000	OK
4320 minute winter	S2	2160	187.092	0.053	3.3	0.0950	0.0000	OK
4320 minute winter	S3	2940	186.581	0.444	6.7	0.5987	0.0000	SURCHARGED
4320 minute winter	S4	2940	186.581	1.203	14.5	1.5598	0.0000	SURCHARGED
4320 minute winter	S5	2940	186.580	1.670	4.5	2.3900	0.0000	SURCHARGED
4320 minute winter	S6	4560	185.063	0.255	4.5	0.3643	0.0000	OK
4320 minute winter	S7	4560	185.063	0.304	4.5	0.4344	0.0000	OK
4320 minute winter	S8	4560	185.063	0.732	4.5	1.0482	0.0000	SURCHARGED
4320 minute winter	S9	4560	185.063	0.937	8.1	1.3415	0.0000	SURCHARGED
4320 minute winter	S10	4560	185.063	0.950	16.7	1.7652	0.0000	SURCHARGED
4320 minute winter	S11	1920	186.418	0.018	0.4	0.0289	0.0000	OK
4320 minute winter	S12	2220	186.208	0.032	1.2	0.0480	0.0000	OK
4320 minute winter	S13	2280	186.017	0.024	2.2	0.0362	0.0000	OK
4320 minute winter	S14	2160	185.214	0.039	2.9	0.0627	0.0000	OK
4320 minute winter	S15	4560	185.063	0.195	3.8	0.3159	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S1	1.000	J1	0.3	0.355	0.034	0.0075	
4320 minute winter	S2	1.012	J12	3.3	0.511	0.111	0.0097	
4320 minute winter	S3	1.019	J18	11.1	0.809	0.209	0.3613	
4320 minute winter	S4	1.022	BASIN 1	7.8	0.670	0.046	1.1778	
4320 minute winter	S5	1.024	SWALE 1	4.5	0.402	0.053	0.9907	
4320 minute winter	S6	1.026	BASIN 2	4.5	0.399	0.051	0.4676	
4320 minute winter	S7	1.028	SWALE 2	4.5	0.601	0.015	1.7202	
4320 minute winter	S8	1.030	S9	4.4	0.601	0.017	1.3252	
4320 minute winter	S9	1.031	S10	8.6	0.532	0.102	0.7372	
4320 minute winter	S10	1.032	SWALE 3	29.2	0.882	0.089	0.4809	
4320 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046	
4320 minute winter	S12	32.003	J30	1.2	0.419	0.090	0.0146	
4320 minute winter	S13	32.007	J33	2.2	0.997	0.022	0.0287	
4320 minute winter	S14	32.009	J34	2.9	0.579	0.057	0.0263	
4320 minute winter	S15	32.013	J37	3.8	1.125	0.041	0.3567	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	S16	4560	185.063	0.575	4.5	0.8995	0.0000	SURCHARGED
4320 minute winter	S17	2940	186.582	0.431	0.6	0.7063	0.0000	SURCHARGED
4320 minute winter	S18	2940	186.581	0.757	1.6	1.1452	0.0000	SURCHARGED
4320 minute winter	S19	2940	186.581	0.815	2.5	1.1993	0.0000	SURCHARGED
4320 minute winter	S20	4140	184.764	0.122	0.2	0.1382	0.0000	SURCHARGED
4320 minute winter	S21	4140	184.764	0.355	0.9	0.4784	0.0000	SURCHARGED
4320 minute winter	S22	4140	184.764	0.533	1.8	0.6995	0.0000	SURCHARGED
4320 minute winter	S23	4140	184.764	0.566	2.5	0.7382	0.0000	SURCHARGED
4320 minute winter	S24	4140	184.764	0.747	4.9	0.9966	0.0000	SURCHARGED
4320 minute winter	S25	4140	184.764	0.794	5.5	1.1181	0.0000	SURCHARGED
4320 minute winter	S26	2280	185.392	0.015	0.5	0.0227	0.0000	OK
4320 minute winter	FC1	2220	188.302	0.052	0.2	0.0673	0.0000	OK
4320 minute winter	FC2	2220	188.202	0.052	0.2	0.0680	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	S16	32.015	J38	4.5	0.716	0.014	0.1625	
4320 minute winter	S17	23.001	J20	0.6	0.479	0.101	0.0560	
4320 minute winter	S18	23.006	J24	1.5	0.340	0.048	0.0729	
4320 minute winter	S19	23.010	J27	2.4	0.403	0.080	0.3541	
4320 minute winter	S20	48.001	J41	0.2	0.347	0.034	0.0362	
4320 minute winter	S21	48.004	J43	0.9	0.371	0.068	0.0898	
4320 minute winter	S22	48.008	J46	1.8	0.362	0.057	0.0967	
4320 minute winter	S23	48.011	J48	2.5	0.389	0.081	0.0447	
4320 minute winter	S24	48.018	J56	4.9	0.424	0.092	0.2989	
4320 minute winter	S25	48.021	BASIN 4	5.5	0.528	0.102	0.2710	
4320 minute winter	S26	65.001	J54	0.5	0.495	0.048	0.0087	
4320 minute winter	FC1	2.000	J1	0.2	0.227	0.032	0.0043	
4320 minute winter	FC1	Infiltration		0.0				0.0
4320 minute winter	FC2	3.000	J2	0.2	0.347	0.034	0.0026	
4320 minute winter	FC2	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC3	1980	188.252	0.052	0.2	0.0708	0.0000	OK
4320 minute winter	FC4	1680	188.222	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC5	2220	188.052	0.052	0.2	0.0680	0.0000	OK
4320 minute winter	FC6	1740	187.872	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC7	1620	187.772	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC8	2220	187.800	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC9	1440	187.492	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC10	1920	187.521	0.051	0.2	0.0704	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC3	4.000	J3	0.2	0.361	0.032	0.0052	
4320 minute winter	FC3	Infiltration		0.0				0.0
4320 minute winter	FC4	5.000	J4	0.1	0.331	0.013	0.0022	
4320 minute winter	FC4	Infiltration		0.0				0.0
4320 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024	
4320 minute winter	FC5	Infiltration		0.0				0.0
4320 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020	
4320 minute winter	FC6	Infiltration		0.0				0.0
4320 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023	
4320 minute winter	FC7	Infiltration		0.0				0.0
4320 minute winter	FC8	9.000	J8	0.2	0.483	0.021	0.0017	
4320 minute winter	FC8	Infiltration		0.0				0.0
4320 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025	
4320 minute winter	FC9	Infiltration		0.0				0.0
4320 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC11	2220	187.372	0.052	0.2	0.0679	0.0000	OK
4320 minute winter	FC12	2220	187.282	0.052	0.2	0.0679	0.0000	OK
4320 minute winter	FC13	2220	187.052	0.052	0.2	0.0679	0.0000	OK
4320 minute winter	FC14	2340	186.951	0.051	0.2	0.6544	0.0000	OK
4320 minute winter	FC15	1500	187.222	0.022	0.1	0.0277	0.0000	OK
4320 minute winter	FC16	1800	186.922	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC17	2220	187.022	0.022	0.1	0.0278	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC10	Infiltration		0.0				0.0
4320 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045	
4320 minute winter	FC11	Infiltration		0.0				0.0
4320 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040	
4320 minute winter	FC12	Infiltration		0.0				0.0
4320 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039	
4320 minute winter	FC13	Infiltration		0.0				0.0
4320 minute winter	FC14	15.000	J13	0.2	0.348	0.033	0.0043	
4320 minute winter	FC14	Infiltration		0.0				0.0
4320 minute winter	FC15	16.000	J14	0.1	0.591	0.006	0.0008	
4320 minute winter	FC15	Infiltration		0.0				0.0
4320 minute winter	FC16	17.000	J15	0.1	0.297	0.016	0.0026	
4320 minute winter	FC16	Infiltration		0.0				0.0
4320 minute winter	FC17	18.000	J16	0.1	0.465	0.008	0.0010	
4320 minute winter	FC17	Infiltration		0.0				0.0

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC18	2940	186.591	0.041	0.1	0.0513	0.0000	OK
4320 minute winter	FC19	2940	186.591	0.191	0.2	0.2491	0.0000	SURCHARGED
4320 minute winter	FC20	2220	187.000	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC21	2940	186.590	0.290	0.2	0.3796	0.0000	SURCHARGED
4320 minute winter	FC22	2940	186.590	0.140	0.1	1.3570	0.0000	SURCHARGED
4320 minute winter	FC23	2940	186.591	0.291	0.1	0.3675	0.0000	SURCHARGED
4320 minute winter	FC24	2940	186.591	0.291	0.2	0.3803	0.0000	SURCHARGED
4320 minute winter	FC25	2220	186.600	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0345	
4320 minute winter	FC18	Infiltration		0.0				0.0
4320 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0517	
4320 minute winter	FC19	Infiltration		0.0				0.0
4320 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013	
4320 minute winter	FC20	Infiltration		0.0				0.0
4320 minute winter	FC21	22.000	J19	0.3	0.347	0.053	0.0599	
4320 minute winter	FC21	Infiltration		0.0				0.0
4320 minute winter	FC22	23.000	S17	0.1	0.216	0.007	0.0373	
4320 minute winter	FC22	Infiltration		0.0				0.0
4320 minute winter	FC23	24.000	J20	0.1	0.492	0.008	0.0359	
4320 minute winter	FC23	Infiltration		0.0				0.0
4320 minute winter	FC24	25.000	J21	0.2	0.627	0.014	0.0363	
4320 minute winter	FC24	Infiltration		0.0				0.0
4320 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0234	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC26	2940	186.590	0.140	0.1	1.4067	0.0000	SURCHARGED
4320 minute winter	FC27	2940	186.591	0.091	0.1	0.1145	0.0000	OK
4320 minute winter	FC28	2940	186.591	0.091	0.2	0.1184	0.0000	OK
4320 minute winter	FC29	2940	186.591	0.091	0.2	0.1184	0.0000	OK
4320 minute winter	FC30	2220	186.800	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC31	2940	186.472	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC32	2940	186.472	0.022	0.1	0.0278	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC25	Infiltration		0.0				0.0
4320 minute winter	FC26	27.000	J23	0.1	0.492	0.009	0.0361	
4320 minute winter	FC26	Infiltration		0.0				0.0
4320 minute winter	FC27	28.000	J24	0.1	0.688	0.005	0.0328	
4320 minute winter	FC27	Infiltration		0.0				0.0
4320 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0318	
4320 minute winter	FC28	Infiltration		0.0				0.0
4320 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0345	
4320 minute winter	FC29	Infiltration		0.0				0.0
4320 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0153	
4320 minute winter	FC30	Infiltration		0.0				0.0
4320 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029	
4320 minute winter	FC31	Infiltration		0.0				0.0
4320 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031	
4320 minute winter	FC32	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC33	2220	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC34	2220	186.502	0.052	0.2	0.0676	0.0000	OK
4320 minute winter	FC35	2220	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC36	2220	186.500	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC37	1920	185.850	0.050	0.2	0.0689	0.0000	OK
4320 minute winter	FC38	2040	185.472	0.022	0.1	0.2641	0.0000	OK
4320 minute winter	FC39	1560	185.472	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC40	2220	185.550	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013	
4320 minute winter	FC33	Infiltration		0.0				0.0
4320 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027	
4320 minute winter	FC34	Infiltration		0.0				0.0
4320 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016	
4320 minute winter	FC35	Infiltration		0.0				0.0
4320 minute winter	FC36	38.000	J32	0.2	0.669	0.013	0.0015	
4320 minute winter	FC36	Infiltration		0.0				0.0
4320 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029	
4320 minute winter	FC37	Infiltration		0.0				0.0
4320 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010	
4320 minute winter	FC38	Infiltration		0.0				0.0
4320 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009	
4320 minute winter	FC39	Infiltration		0.0				0.0
4320 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0131	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC41	4560	185.063	0.213	0.2	0.2779	0.0000	SURCHARGED
4320 minute winter	FC42	4560	185.063	0.463	0.2	0.6045	0.0000	SURCHARGED
4320 minute winter	FC43	4560	185.063	0.462	0.2	0.6044	0.0000	SURCHARGED
4320 minute winter	FC44	4560	185.063	0.463	0.1	0.5844	0.0000	SURCHARGED
4320 minute winter	FC45	4560	185.063	0.463	0.1	0.5843	0.0000	SURCHARGED
4320 minute winter	FC46	4140	184.764	0.064	0.2	0.0882	0.0000	OK
4320 minute winter	FC47	4140	184.764	0.014	0.0	0.0160	0.0000	OK
4320 minute winter	FC48	2220	184.850	0.050	0.2	0.0656	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC40	Infiltration		0.0				0.0
4320 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0394	
4320 minute winter	FC41	Infiltration		0.0				0.0
4320 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0386	
4320 minute winter	FC42	Infiltration		0.0				0.0
4320 minute winter	FC43	45.000	J39	0.2	0.510	0.019	0.0339	
4320 minute winter	FC43	Infiltration		0.0				0.0
4320 minute winter	FC44	46.000	J40	0.1	0.422	0.009	0.0344	
4320 minute winter	FC44	Infiltration		0.0				0.0
4320 minute winter	FC45	47.000	S10	0.1	0.486	0.008	0.0361	
4320 minute winter	FC45	Infiltration		0.0				0.0
4320 minute winter	FC46	48.000	S20	0.2	0.344	0.034	0.0394	
4320 minute winter	FC46	Infiltration		0.0				0.0
4320 minute winter	FC47	49.000	J41	0.0	0.006	0.003	0.0225	
4320 minute winter	FC48	50.000	J42	0.2	0.329	0.014	0.0200	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC49	2220	184.852	0.052	0.2	0.0680	0.0000	OK
4320 minute winter	FC50	2220	184.852	0.052	0.2	0.0680	0.0000	OK
4320 minute winter	FC51	2220	184.902	0.052	0.2	0.0679	0.0000	OK
4320 minute winter	FC52	2220	185.300	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC53	2220	185.300	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC54	2940	185.272	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC55	2220	185.272	0.022	0.1	0.0278	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC48	Infiltration		0.0				0.0
4320 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025	
4320 minute winter	FC49	Infiltration		0.0				0.0
4320 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027	
4320 minute winter	FC50	Infiltration		0.0				0.0
4320 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035	
4320 minute winter	FC51	Infiltration		0.0				0.0
4320 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022	
4320 minute winter	FC52	Infiltration		0.0				0.0
4320 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018	
4320 minute winter	FC53	Infiltration		0.0				0.0
4320 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009	
4320 minute winter	FC54	Infiltration		0.0				0.0
4320 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008	
4320 minute winter	FC55	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC56	1500	185.372	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC57	2100	185.372	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC58	2160	185.372	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC59	2280	185.372	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC60	2220	185.400	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC61	2220	185.350	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC62	1920	185.301	0.050	0.2	0.0693	0.0000	OK
4320 minute winter	FC63	2880	185.422	0.022	0.1	0.0278	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012	
4320 minute winter	FC56	Infiltration		0.0				0.0
4320 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013	
4320 minute winter	FC57	Infiltration		0.0				0.0
4320 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013	
4320 minute winter	FC58	Infiltration		0.0				0.0
4320 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014	
4320 minute winter	FC59	Infiltration		0.0				0.0
4320 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023	
4320 minute winter	FC60	Infiltration		0.0				0.0
4320 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033	
4320 minute winter	FC61	Infiltration		0.0				0.0
4320 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045	
4320 minute winter	FC62	Infiltration		0.0				0.0
4320 minute winter	FC63	65.000	S26	0.1	0.232	0.017	0.0013	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	FC64	1800	185.172	0.022	0.1	0.0278	0.0000	OK
4320 minute winter	FC65	2220	185.200	0.050	0.2	0.0656	0.0000	OK
4320 minute winter	FC66	2220	185.051	0.051	0.2	0.0668	0.0000	OK
4320 minute winter	FC67	2880	184.822	0.022	0.1	0.2264	0.0000	OK
4320 minute winter	FC68	4140	184.764	0.214	0.1	0.2704	0.0000	SURCHARGED
4320 minute winter	J1	2160	188.222	0.022	0.8	0.0327	0.0000	OK
4320 minute winter	J2	2160	188.088	0.032	1.0	0.0362	0.0000	OK
4320 minute winter	J3	2280	188.081	0.031	1.2	0.0348	0.0000	OK
4320 minute winter	J4	2280	188.060	0.021	1.3	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	FC63	Infiltration		0.0				0.0
4320 minute winter	FC64	66.000	J54	0.1	0.156	0.017	0.0018	
4320 minute winter	FC64	Infiltration		0.0				0.0
4320 minute winter	FC65	67.000	J55	0.2	0.276	0.021	0.0019	
4320 minute winter	FC65	Infiltration		0.0				0.0
4320 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011	
4320 minute winter	FC66	Infiltration		0.0				0.0
4320 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008	
4320 minute winter	FC67	Infiltration		0.0				0.0
4320 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0178	
4320 minute winter	FC68	Infiltration		0.0				0.0
4320 minute winter	J1	1.001	J2	0.8	0.654	0.096	0.0061	
4320 minute winter	J2	1.002	J3	1.0	0.374	0.074	0.0028	
4320 minute winter	J3	1.003	J4	1.2	0.594	0.090	0.0040	
4320 minute winter	J4	1.004	J5	1.3	0.892	0.038	0.0052	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J5	2280	187.930	0.020	1.5	0.0230	0.0000	OK
4320 minute winter	J6	2280	187.677	0.027	1.6	0.0300	0.0000	OK
4320 minute winter	J7	2220	187.558	0.033	1.7	0.0376	0.0000	OK
4320 minute winter	J8	2220	187.544	0.023	1.9	0.0258	0.0000	OK
4320 minute winter	J9	2100	187.312	0.037	2.0	0.0415	0.0000	OK
4320 minute winter	J10	2340	187.291	0.021	2.2	0.0233	0.0000	OK
4320 minute winter	J11	2220	187.151	0.030	2.4	0.0335	0.0000	OK
4320 minute winter	J12	2220	186.846	0.037	3.5	0.0414	0.0000	OK
4320 minute winter	J13	2340	186.686	0.059	3.7	0.0671	0.0000	OK
4320 minute winter	J14	2340	186.679	0.057	3.8	0.0643	0.0000	OK
4320 minute winter	J15	2340	186.669	0.052	3.9	0.0583	0.0000	OK
4320 minute winter	J16	2340	186.642	0.037	4.0	0.0423	0.0000	OK
4320 minute winter	J17	2940	186.581	0.298	16.1	0.3369	0.0000	OK
4320 minute winter	J18	2940	186.581	0.456	12.5	0.5154	0.0000	SURCHARGED
4320 minute winter	J19	2940	186.581	0.554	20.5	0.6262	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J5	1.005	J6	1.5	0.856	0.039	0.0100	
4320 minute winter	J6	1.006	J7	1.6	0.814	0.056	0.0039	
4320 minute winter	J7	1.007	J8	1.7	0.600	0.055	0.0032	
4320 minute winter	J8	1.008	J9	1.9	0.618	0.021	0.0266	
4320 minute winter	J9	1.009	J10	2.0	0.696	0.061	0.0036	
4320 minute winter	J10	1.010	J11	2.2	0.915	0.017	0.0059	
4320 minute winter	J11	1.011	S2	2.4	0.481	0.037	0.0274	
4320 minute winter	J12	1.013	J13	3.5	0.867	0.052	0.0261	
4320 minute winter	J13	1.014	J14	3.7	0.387	0.065	0.0181	
4320 minute winter	J14	1.015	J15	3.8	0.439	0.067	0.0166	
4320 minute winter	J15	1.016	J16	3.9	0.600	0.073	0.0335	
4320 minute winter	J16	1.017	J17	4.0	0.841	0.028	0.0160	
4320 minute winter	J17	1.018	S3	-12.0	0.760	-0.039	0.1327	
4320 minute winter	J18	1.020	J19	19.9	0.707	0.069	0.1049	
4320 minute winter	J19	1.021	S4	9.0	0.530	0.163	0.3096	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J20	2940	186.581	0.550	0.7	0.6223	0.0000	SURCHARGED
4320 minute winter	J21	2940	186.581	0.572	0.9	0.6472	0.0000	SURCHARGED
4320 minute winter	J22	2940	186.581	0.618	1.1	0.6991	0.0000	SURCHARGED
4320 minute winter	J23	2940	186.581	0.639	1.1	0.7228	0.0000	SURCHARGED
4320 minute winter	J24	2940	186.581	0.764	1.6	0.8639	0.0000	SURCHARGED
4320 minute winter	J25	2940	186.581	0.785	1.8	0.8877	0.0000	SURCHARGED
4320 minute winter	J26	2940	186.581	0.802	3.8	0.9068	0.0000	SURCHARGED
4320 minute winter	J27	2940	186.581	0.845	2.6	0.9553	0.0000	SURCHARGED
4320 minute winter	J28	1920	186.376	0.020	0.5	0.0222	0.0000	OK
4320 minute winter	J29	2040	186.293	0.022	0.6	0.0251	0.0000	OK
4320 minute winter	J30	2280	186.181	0.034	1.4	0.0389	0.0000	OK
4320 minute winter	J31	2280	186.080	0.036	1.6	0.0407	0.0000	OK
4320 minute winter	J32	2280	186.048	0.037	1.8	0.0417	0.0000	OK
4320 minute winter	J33	2160	185.559	0.024	2.4	0.0267	0.0000	OK
4320 minute winter	J34	2160	185.169	0.044	3.0	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J20	23.002	J21	0.7	0.355	0.052	0.0665	
4320 minute winter	J21	23.003	J22	0.9	0.373	0.064	0.1411	
4320 minute winter	J22	23.004	J23	1.0	0.415	0.074	0.0633	
4320 minute winter	J23	23.005	S18	1.1	0.427	0.085	0.1321	
4320 minute winter	J24	23.007	J25	1.6	0.357	0.054	0.2458	
4320 minute winter	J25	23.008	J26	3.6	0.356	0.119	0.1975	
4320 minute winter	J26	23.009	S19	2.0	0.357	0.067	0.1474	
4320 minute winter	J27	23.011	S4	8.8	0.454	0.293	0.0951	
4320 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105	
4320 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059	
4320 minute winter	J30	32.004	J31	1.4	0.476	0.106	0.0146	
4320 minute winter	J31	32.005	J32	1.6	0.385	0.053	0.0405	
4320 minute winter	J32	32.006	S13	1.8	0.568	0.060	0.0170	
4320 minute winter	J33	32.008	S14	2.4	0.725	0.023	0.0306	
4320 minute winter	J34	32.010	J35	3.0	0.722	0.078	0.0380	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J35	2340	185.104	0.029	3.1	0.0325	0.0000	OK
4320 minute winter	J36	4560	185.063	0.188	3.3	0.2121	0.0000	OK
4320 minute winter	J37	4560	185.062	0.562	4.0	0.6361	0.0000	SURCHARGED
4320 minute winter	J38	4560	185.062	0.762	4.7	0.8623	0.0000	SURCHARGED
4320 minute winter	J39	4560	185.063	0.789	4.9	0.8918	0.0000	SURCHARGED
4320 minute winter	J40	4560	185.063	0.798	5.0	0.9020	0.0000	SURCHARGED
4320 minute winter	J41	4140	184.764	0.167	0.2	0.1890	0.0000	SURCHARGED
4320 minute winter	J42	4140	184.764	0.227	0.4	0.2570	0.0000	SURCHARGED
4320 minute winter	J43	4140	184.764	0.384	1.1	0.4344	0.0000	SURCHARGED
4320 minute winter	J44	4140	184.764	0.394	1.2	0.4457	0.0000	SURCHARGED
4320 minute winter	J45	4140	184.764	0.444	1.3	0.5023	0.0000	SURCHARGED
4320 minute winter	J46	4140	184.764	0.542	1.9	0.6131	0.0000	SURCHARGED
4320 minute winter	J47	4140	184.764	0.557	2.0	0.6301	0.0000	SURCHARGED
4320 minute winter	J48	4140	184.764	0.570	2.7	0.6448	0.0000	SURCHARGED
4320 minute winter	J49	4140	184.764	0.595	2.9	0.6731	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J35	32.011	J36	3.1	0.702	0.035	0.1215	
4320 minute winter	J36	32.012	S15	3.3	0.702	0.110	0.0854	
4320 minute winter	J37	32.014	S16	4.0	0.782	0.072	0.3651	
4320 minute winter	J38	32.016	J39	4.7	0.468	0.087	0.7617	
4320 minute winter	J39	32.017	J40	4.9	0.588	0.090	0.2574	
4320 minute winter	J40	32.018	S10	5.0	0.725	0.050	0.6738	
4320 minute winter	J41	48.002	J42	0.2	0.299	0.034	0.0486	
4320 minute winter	J42	48.003	S21	0.4	0.425	0.068	0.0640	
4320 minute winter	J43	48.005	J44	1.1	0.413	0.079	0.0283	
4320 minute winter	J44	48.006	J45	1.2	0.433	0.090	0.1545	
4320 minute winter	J45	48.007	S22	1.3	0.465	0.096	0.0419	
4320 minute winter	J46	48.009	J47	1.9	0.346	0.062	0.1676	
4320 minute winter	J47	48.010	S23	2.0	0.316	0.066	0.1050	
4320 minute winter	J48	48.012	J49	2.7	0.389	0.090	0.2962	
4320 minute winter	J49	48.013	J50	2.9	0.386	0.095	0.0451	

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	J50	4140	184.764	0.599	3.1	0.6777	0.0000	SURCHARGED
4320 minute winter	J51	4140	184.764	0.616	3.2	0.6969	0.0000	SURCHARGED
4320 minute winter	J52	4140	184.764	0.620	3.4	0.7014	0.0000	SURCHARGED
4320 minute winter	J53	4140	184.764	0.637	3.5	0.7206	0.0000	SURCHARGED
4320 minute winter	J54	2160	185.151	0.022	0.6	0.0253	0.0000	OK
4320 minute winter	J55	2160	185.116	0.022	0.8	0.0254	0.0000	OK
4320 minute winter	J56	4140	184.764	0.757	5.0	0.8562	0.0000	SURCHARGED
4320 minute winter	J57	4140	184.764	0.779	5.1	0.8811	0.0000	SURCHARGED
4320 minute winter	BASIN 1	2940	186.580	1.655	8.0	233.1449	0.0000	SURCHARGED
4320 minute winter	BASIN 2	4560	185.063	0.763	4.6	81.6608	0.0000	OK
4320 minute winter	BASIN 3	4560	185.063	1.963	10.5	1140.8170	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	J50	48.014	J51	3.1	0.403	0.104	0.2018	
4320 minute winter	J51	48.015	J52	3.2	0.411	0.104	0.0451	
4320 minute winter	J52	48.016	J53	3.4	0.465	0.112	0.1938	
4320 minute winter	J53	48.017	S24	3.5	0.528	0.116	0.4079	
4320 minute winter	J54	65.002	J55	0.6	0.458	0.101	0.0048	
4320 minute winter	J55	65.003	S24	0.8	0.621	0.105	0.0101	
4320 minute winter	J56	48.019	J57	5.0	0.429	0.092	0.6398	
4320 minute winter	J57	48.020	S25	5.1	0.437	0.093	0.4307	
4320 minute winter	BASIN 1	1.023	S5	4.5	0.097	0.054	0.9418	
4320 minute winter	BASIN 1	Infiltration		0.1				20.7
4320 minute winter	BASIN 2	1.027	S7	4.5	0.604	0.054	1.9464	
4320 minute winter	BASIN 2	71.000	BH1	0.3	0.333	0.059	0.1829	
4320 minute winter	BASIN 2	Infiltration		0.0				0.0
4320 minute winter	BASIN 3	1.034	BH2	0.4	0.110	0.003	1.8265	
4320 minute winter	BASIN 3	Infiltration		0.0				0.0

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Results for 100 year +45% CC +10% A 4320 minute winter. 4560 minute analysis at 60 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
4320 minute winter	BASIN 4	4140	184.764	1.434	6.0	479.0642	0.0000	SURCHARGED
4320 minute winter	SWALE 1	4560	185.063	0.189	4.5	0.2699	0.0000	OK
4320 minute winter	SWALE 2	4560	185.063	0.688	4.5	0.9839	0.0000	SURCHARGED
4320 minute winter	SWALE 3	4560	185.063	1.067	29.2	1.5276	0.0000	FLOOD RISK
4320 minute winter	BH1	4560	185.063	0.986	0.3	3.6592	0.0000	OK
4320 minute winter	BH2	4560	185.063	1.980	0.4	8.6828	0.0000	OK
4320 minute winter	BH3	4140	184.764	1.445	0.3	7.4833	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	BASIN 4	48.022	BH3	0.3	0.235	0.005	0.3211	
4320 minute winter	BASIN 4	Infiltration		0.0				0.0
4320 minute winter	SWALE 1	1.025	S6	4.5	0.397	0.054	2.5478	
4320 minute winter	SWALE 2	1.029	S8	4.5	0.577	0.054	2.8384	
4320 minute winter	SWALE 3	1.033	BASIN 3	9.8	0.684	0.079	4.7654	
4320 minute winter	BH1	Infiltration		0.1				23.4
4320 minute winter	BH2	Infiltration		0.2				30.5
4320 minute winter	BH3	Infiltration		0.2				44.6

Water Quality (TSS)

Node	Treatment	Effectiveness	SuDS Component	Mitigation TSS	Cumulative TSS
FC1	Depth/Area	1.0	Pond	0.700	0.000
FC2	Depth/Area	1.0	Pond	0.700	0.000
FC3	Depth/Area	1.0	Pond	0.700	0.000
FC4	Depth/Area	1.0	Pond	0.700	0.000
FC5	Depth/Area	1.0	Pond	0.700	0.000
FC6	Depth/Area	1.0	Pond	0.700	0.000
FC7	Depth/Area	1.0	Pond	0.700	0.000
FC8	Depth/Area	1.0	Pond	0.700	0.000
FC9	Depth/Area	1.0	Pond	0.700	0.000

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Water Quality (TSS)

Node	Treatment	Effectiveness	SuDS Component	Mitigation TSS	Cumulative TSS
FC10	Depth/Area	1.0	Pond	0.700	0.000
FC11	Depth/Area	1.0	Pond	0.700	0.000
FC12	Depth/Area	1.0	Pond	0.700	0.000
FC13	Depth/Area	1.0	Pond	0.700	0.000
FC14	Depth/Area	1.0	Pond	0.700	0.000
FC15	Depth/Area	1.0	Pond	0.700	0.000
FC16	Depth/Area	1.0	Pond	0.700	0.000
FC17	Depth/Area	1.0	Pond	0.700	0.000
FC18	Depth/Area	1.0	Pond	0.700	0.000
FC19	Depth/Area	1.0	Pond	0.700	0.000
FC20	Depth/Area	1.0	Pond	0.700	0.000
FC21	Depth/Area	1.0	Pond	0.700	0.000
FC22	Depth/Area	1.0	Pond	0.700	0.000
FC23	Depth/Area	1.0	Pond	0.700	0.000
FC24	Depth/Area	1.0	Pond	0.700	0.000
FC25	Depth/Area	1.0	Pond	0.700	0.000
FC26	Depth/Area	1.0	Pond	0.700	0.000
FC27	Depth/Area	1.0	Pond	0.700	0.000
FC28	Depth/Area	1.0	Pond	0.700	0.000
FC29	Depth/Area	1.0	Pond	0.700	0.000
FC30	Depth/Area	1.0	Pond	0.700	0.000
BASIN 1	Depth/Area	1.0	Pond	0.700	0.000
BASIN 2	Depth/Area	1.0	Pond	0.700	0.000
FC31	Depth/Area	1.0	Pond	0.700	0.000
FC32	Depth/Area	1.0	Pond	0.700	0.000
FC33	Depth/Area	1.0	Pond	0.700	0.000
FC34	Depth/Area	1.0	Pond	0.700	0.000
FC35	Depth/Area	1.0	Pond	0.700	0.000
FC36	Depth/Area	1.0	Pond	0.700	0.000
FC37	Depth/Area	1.0	Pond	0.700	0.000
FC38	Depth/Area	1.0	Pond	0.700	0.000
FC39	Depth/Area	1.0	Pond	0.700	0.000
FC40	Depth/Area	1.0	Pond	0.700	0.000

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Water Quality (TSS)

Node	Treatment	Effectiveness	SuDS Component	Mitigation TSS	Cumulative TSS
FC41	Depth/Area	1.0	Pond	0.700	0.000
FC42	Depth/Area	1.0	Pond	0.700	0.000
FC43	Depth/Area	1.0	Pond	0.700	0.000
FC44	Depth/Area	1.0	Pond	0.700	0.000
FC45	Depth/Area	1.0	Pond	0.700	0.000
BASIN 3	Depth/Area	1.0	Pond	0.700	0.000
BH2	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
FC46	Depth/Area	1.0	Pond	0.700	0.000
FC48	Depth/Area	1.0	Pond	0.700	0.000
FC49	Depth/Area	1.0	Pond	0.700	0.000
FC50	Depth/Area	1.0	Pond	0.700	0.000
FC56	Depth/Area	1.0	Pond	0.700	0.000
FC57	Depth/Area	1.0	Pond	0.700	0.000
FC51	Depth/Area	1.0	Pond	0.700	0.000
FC58	Depth/Area	1.0	Pond	0.700	0.000
FC59	Depth/Area	1.0	Pond	0.700	0.000
FC52	Depth/Area	1.0	Pond	0.700	0.000
FC60	Depth/Area	1.0	Pond	0.700	0.000
FC61	Depth/Area	1.0	Pond	0.700	0.000
FC53	Depth/Area	1.0	Pond	0.700	0.000
FC54	Depth/Area	1.0	Pond	0.700	0.000
FC62	Depth/Area	1.0	Pond	0.700	0.000
FC55	Depth/Area	1.0	Pond	0.700	0.000
FC63	Depth/Area	1.0	Pond	0.700	0.000
FC64	Depth/Area	1.0	Pond	0.700	0.000
FC65	Depth/Area	1.0	Pond	0.700	0.000
FC66	Depth/Area	1.0	Pond	0.700	0.000
FC67	Depth/Area	1.0	Pond	0.700	0.000
FC68	Depth/Area	1.0	Pond	0.700	0.000
BASIN 4	Depth/Area	1.0	Pond	0.700	0.000
BH3	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
BH1	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000

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Water Quality (Metals)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Metals	Cumulative Metals
FC1	Depth/Area	1.0	Pond	0.700	0.000
FC2	Depth/Area	1.0	Pond	0.700	0.000
FC3	Depth/Area	1.0	Pond	0.700	0.000
FC4	Depth/Area	1.0	Pond	0.700	0.000
FC5	Depth/Area	1.0	Pond	0.700	0.000
FC6	Depth/Area	1.0	Pond	0.700	0.000
FC7	Depth/Area	1.0	Pond	0.700	0.000
FC8	Depth/Area	1.0	Pond	0.700	0.000
FC9	Depth/Area	1.0	Pond	0.700	0.000
FC10	Depth/Area	1.0	Pond	0.700	0.000
FC11	Depth/Area	1.0	Pond	0.700	0.000
FC12	Depth/Area	1.0	Pond	0.700	0.000
FC13	Depth/Area	1.0	Pond	0.700	0.000
FC14	Depth/Area	1.0	Pond	0.700	0.000
FC15	Depth/Area	1.0	Pond	0.700	0.000
FC16	Depth/Area	1.0	Pond	0.700	0.000
FC17	Depth/Area	1.0	Pond	0.700	0.000
FC18	Depth/Area	1.0	Pond	0.700	0.000
FC19	Depth/Area	1.0	Pond	0.700	0.000
FC20	Depth/Area	1.0	Pond	0.700	0.000
FC21	Depth/Area	1.0	Pond	0.700	0.000
FC22	Depth/Area	1.0	Pond	0.700	0.000
FC23	Depth/Area	1.0	Pond	0.700	0.000
FC24	Depth/Area	1.0	Pond	0.700	0.000
FC25	Depth/Area	1.0	Pond	0.700	0.000
FC26	Depth/Area	1.0	Pond	0.700	0.000
FC27	Depth/Area	1.0	Pond	0.700	0.000
FC28	Depth/Area	1.0	Pond	0.700	0.000
FC29	Depth/Area	1.0	Pond	0.700	0.000
FC30	Depth/Area	1.0	Pond	0.700	0.000
BASIN 1	Depth/Area	1.0	Pond	0.700	0.000
BASIN 2	Depth/Area	1.0	Pond	0.700	0.000
FC31	Depth/Area	1.0	Pond	0.700	0.000

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Water Quality (Metals)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Metals	Cumulative Metals
FC32	Depth/Area	1.0	Pond	0.700	0.000
FC33	Depth/Area	1.0	Pond	0.700	0.000
FC34	Depth/Area	1.0	Pond	0.700	0.000
FC35	Depth/Area	1.0	Pond	0.700	0.000
FC36	Depth/Area	1.0	Pond	0.700	0.000
FC37	Depth/Area	1.0	Pond	0.700	0.000
FC38	Depth/Area	1.0	Pond	0.700	0.000
FC39	Depth/Area	1.0	Pond	0.700	0.000
FC40	Depth/Area	1.0	Pond	0.700	0.000
FC41	Depth/Area	1.0	Pond	0.700	0.000
FC42	Depth/Area	1.0	Pond	0.700	0.000
FC43	Depth/Area	1.0	Pond	0.700	0.000
FC44	Depth/Area	1.0	Pond	0.700	0.000
FC45	Depth/Area	1.0	Pond	0.700	0.000
BASIN 3	Depth/Area	1.0	Pond	0.700	0.000
BH2	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
FC46	Depth/Area	1.0	Pond	0.700	0.000
FC48	Depth/Area	1.0	Pond	0.700	0.000
FC49	Depth/Area	1.0	Pond	0.700	0.000
FC50	Depth/Area	1.0	Pond	0.700	0.000
FC56	Depth/Area	1.0	Pond	0.700	0.000
FC57	Depth/Area	1.0	Pond	0.700	0.000
FC51	Depth/Area	1.0	Pond	0.700	0.000
FC58	Depth/Area	1.0	Pond	0.700	0.000
FC59	Depth/Area	1.0	Pond	0.700	0.000
FC52	Depth/Area	1.0	Pond	0.700	0.000
FC60	Depth/Area	1.0	Pond	0.700	0.000
FC61	Depth/Area	1.0	Pond	0.700	0.000
FC53	Depth/Area	1.0	Pond	0.700	0.000
FC54	Depth/Area	1.0	Pond	0.700	0.000
FC62	Depth/Area	1.0	Pond	0.700	0.000
FC55	Depth/Area	1.0	Pond	0.700	0.000
FC63	Depth/Area	1.0	Pond	0.700	0.000

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Water Quality (Metals)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Metals	Cumulative Metals
FC64	Depth/Area	1.0	Pond	0.700	0.000
FC65	Depth/Area	1.0	Pond	0.700	0.000
FC66	Depth/Area	1.0	Pond	0.700	0.000
FC67	Depth/Area	1.0	Pond	0.700	0.000
FC68	Depth/Area	1.0	Pond	0.700	0.000
BASIN 4	Depth/Area	1.0	Pond	0.700	0.000
BH3	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
BH1	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000

Water Quality (Hydrocarbons)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Hydrocarbons	Cumulative Hydrocarbons
FC1	Depth/Area	1.0	Pond	0.500	0.000
FC2	Depth/Area	1.0	Pond	0.500	0.000
FC3	Depth/Area	1.0	Pond	0.500	0.000
FC4	Depth/Area	1.0	Pond	0.500	0.000
FC5	Depth/Area	1.0	Pond	0.500	0.000
FC6	Depth/Area	1.0	Pond	0.500	0.000
FC7	Depth/Area	1.0	Pond	0.500	0.000
FC8	Depth/Area	1.0	Pond	0.500	0.000
FC9	Depth/Area	1.0	Pond	0.500	0.000
FC10	Depth/Area	1.0	Pond	0.500	0.000
FC11	Depth/Area	1.0	Pond	0.500	0.000
FC12	Depth/Area	1.0	Pond	0.500	0.000
FC13	Depth/Area	1.0	Pond	0.500	0.000
FC14	Depth/Area	1.0	Pond	0.500	0.000
FC15	Depth/Area	1.0	Pond	0.500	0.000
FC16	Depth/Area	1.0	Pond	0.500	0.000
FC17	Depth/Area	1.0	Pond	0.500	0.000
FC18	Depth/Area	1.0	Pond	0.500	0.000
FC19	Depth/Area	1.0	Pond	0.500	0.000
FC20	Depth/Area	1.0	Pond	0.500	0.000

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Water Quality (Hydrocarbons)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Hydrocarbons	Cumulative Hydrocarbons
FC21	Depth/Area	1.0	Pond	0.500	0.000
FC22	Depth/Area	1.0	Pond	0.500	0.000
FC23	Depth/Area	1.0	Pond	0.500	0.000
FC24	Depth/Area	1.0	Pond	0.500	0.000
FC25	Depth/Area	1.0	Pond	0.500	0.000
FC26	Depth/Area	1.0	Pond	0.500	0.000
FC27	Depth/Area	1.0	Pond	0.500	0.000
FC28	Depth/Area	1.0	Pond	0.500	0.000
FC29	Depth/Area	1.0	Pond	0.500	0.000
FC30	Depth/Area	1.0	Pond	0.500	0.000
BASIN 1	Depth/Area	1.0	Pond	0.500	0.000
BASIN 2	Depth/Area	1.0	Pond	0.500	0.000
FC31	Depth/Area	1.0	Pond	0.500	0.000
FC32	Depth/Area	1.0	Pond	0.500	0.000
FC33	Depth/Area	1.0	Pond	0.500	0.000
FC34	Depth/Area	1.0	Pond	0.500	0.000
FC35	Depth/Area	1.0	Pond	0.500	0.000
FC36	Depth/Area	1.0	Pond	0.500	0.000
FC37	Depth/Area	1.0	Pond	0.500	0.000
FC38	Depth/Area	1.0	Pond	0.500	0.000
FC39	Depth/Area	1.0	Pond	0.500	0.000
FC40	Depth/Area	1.0	Pond	0.500	0.000
FC41	Depth/Area	1.0	Pond	0.500	0.000
FC42	Depth/Area	1.0	Pond	0.500	0.000
FC43	Depth/Area	1.0	Pond	0.500	0.000
FC44	Depth/Area	1.0	Pond	0.500	0.000
FC45	Depth/Area	1.0	Pond	0.500	0.000
BASIN 3	Depth/Area	1.0	Pond	0.500	0.000
BH2	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
FC46	Depth/Area	1.0	Pond	0.500	0.000
FC48	Depth/Area	1.0	Pond	0.500	0.000
FC49	Depth/Area	1.0	Pond	0.500	0.000
FC50	Depth/Area	1.0	Pond	0.500	0.000

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Water Quality (Hydrocarbons)

Node	Treatment	Effectiveness	SuDS Component	Mitigation Hydrocarbons	Cumulative Hydrocarbons
FC56	Depth/Area	1.0	Pond	0.500	0.000
FC57	Depth/Area	1.0	Pond	0.500	0.000
FC51	Depth/Area	1.0	Pond	0.500	0.000
FC58	Depth/Area	1.0	Pond	0.500	0.000
FC59	Depth/Area	1.0	Pond	0.500	0.000
FC52	Depth/Area	1.0	Pond	0.500	0.000
FC60	Depth/Area	1.0	Pond	0.500	0.000
FC61	Depth/Area	1.0	Pond	0.500	0.000
FC53	Depth/Area	1.0	Pond	0.500	0.000
FC54	Depth/Area	1.0	Pond	0.500	0.000
FC62	Depth/Area	1.0	Pond	0.500	0.000
FC55	Depth/Area	1.0	Pond	0.500	0.000
FC63	Depth/Area	1.0	Pond	0.500	0.000
FC64	Depth/Area	1.0	Pond	0.500	0.000
FC65	Depth/Area	1.0	Pond	0.500	0.000
FC66	Depth/Area	1.0	Pond	0.500	0.000
FC67	Depth/Area	1.0	Pond	0.500	0.000
FC68	Depth/Area	1.0	Pond	0.500	0.000
BASIN 4	Depth/Area	1.0	Pond	0.500	0.000
BH3	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000
BH1	Deep Bore Soakaway	1.0	Bioretention System	0.800	0.000

Approval Settings

Node Size	✓	Cover Depth	✓	Proportional Velocity	✓
Node Losses	✓	Minimum Cover Depth (m)		Return Period (years)	
Link Size	✓	Maximum Cover Depth (m)	3.000	Minimum Proportional Velocity (m/s)	0.750
Minimum Diameter (mm)	150	Backdrops	✓	Maximum Proportional Velocity (m/s)	3.000
Link Length	✓	Minimum Backdrop Height (m)		Surcharged Depth	✓
Maximum Length (m)	100.000	Maximum Backdrop Height (m)	1.500	Return Period (years)	
Coordinates	✓	Full Bore Velocity	✓	Maximum Surcharged Depth (m)	0.100
Accuracy (m)	1.000	Minimum Full Bore Velocity (m/s)		Flooding	✓
Crossings	✓	Maximum Full Bore Velocity (m/s)	3.000	Return Period (years)	30

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Approval Settings

Time to Half Empty	x	100 year 360 minute (m^3)		First Flush Depth (mm)	5
Discharge Rates	✓	First Flush	✓	Water Quality	✓
Discharge Volume	✓	Return Period (years)	30		

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Adoptable Manhole Type

Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)
374	1200	499	1350	749	1500	900	1800

>900 Link+900 mm

Max Depth (m)	Diameter (mm)	Max Depth (m)	Diameter (mm)
1.500	1050	99.999	1200

Circular Link Type

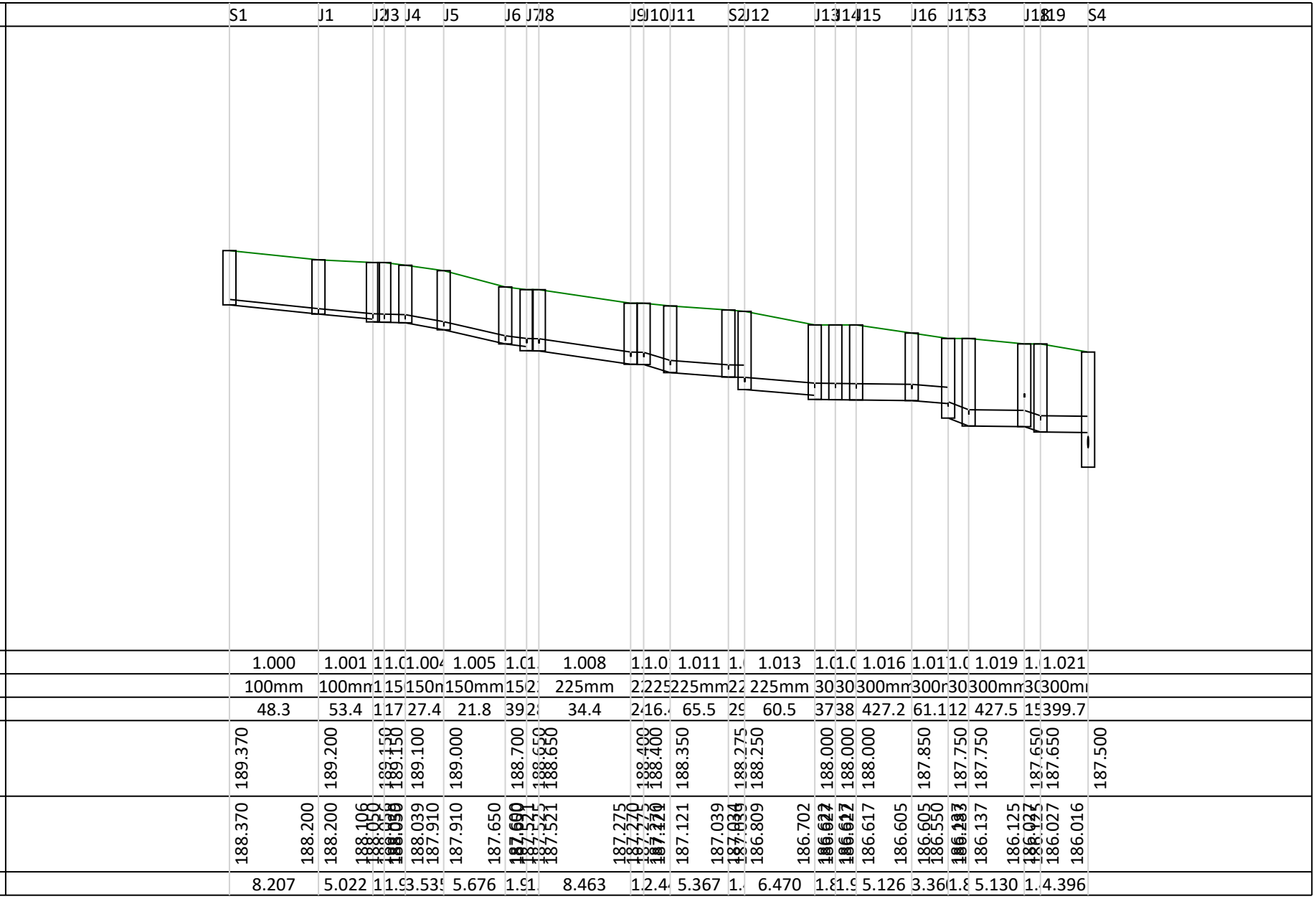
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Shape	Circular	Auto Increment (mm)	75		

Available Diameters (mm)

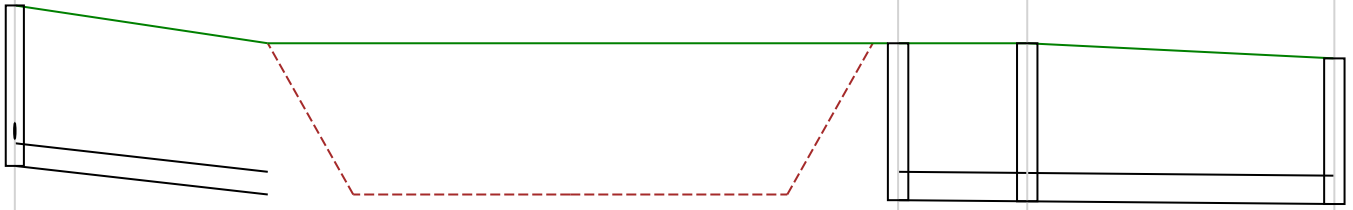
100	150

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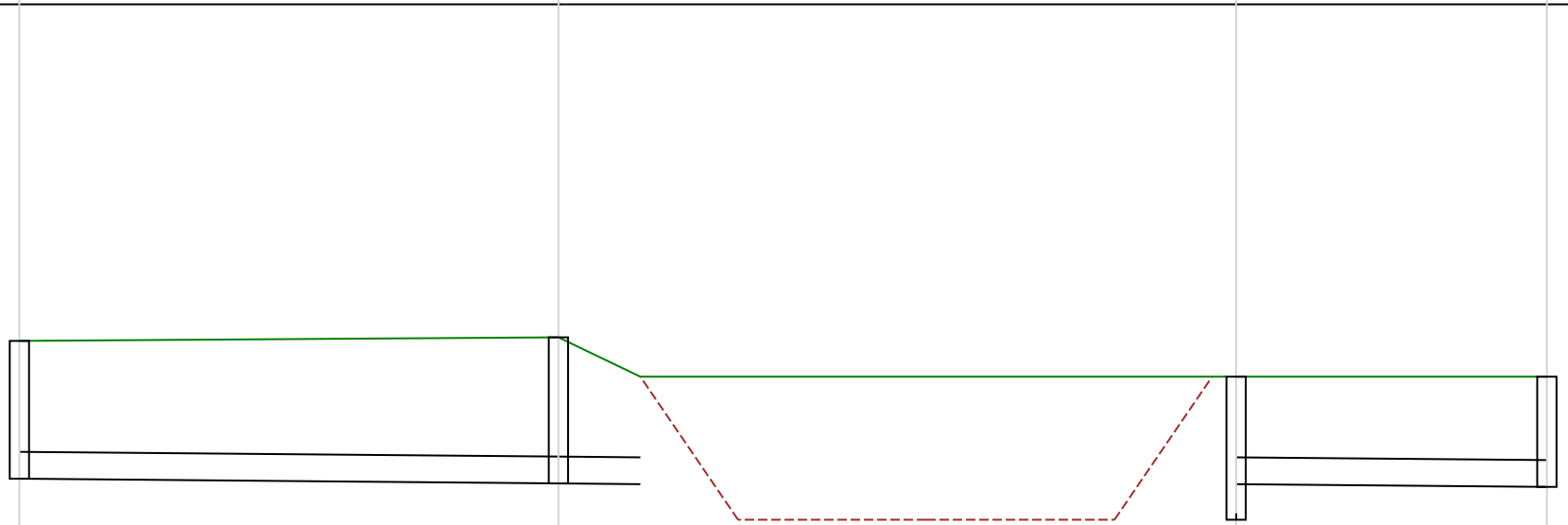
RSPD Roads & Sewers for Planning & Design Ltd	Roads & Sewers For Planning & Design Ltd	File: 6348.pfd Network: Storm Network Luke Shaw 28/09/2026
		Page 1



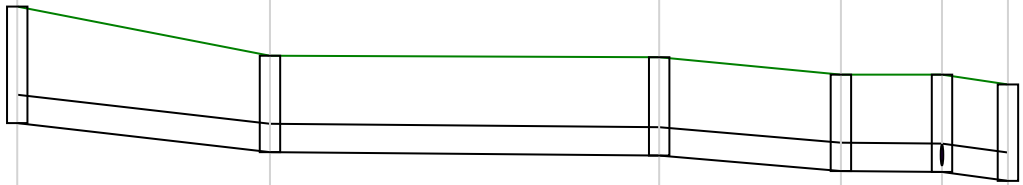
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Node Name	S4		BASIN 1	S5	SWALE 1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000					
Link Name	1.022		1.023	1.024	
Section Type	300mm		375mm	375mm	
Slope (1:X)	44.2		569.3	564.0	
Cover Level (m)	187.500		187.000	187.000	186.800
Invert Level (m)	185.378	185.000	184.925	184.910 184.910	184.874
Length (m)	16.725		8.539	20.305	

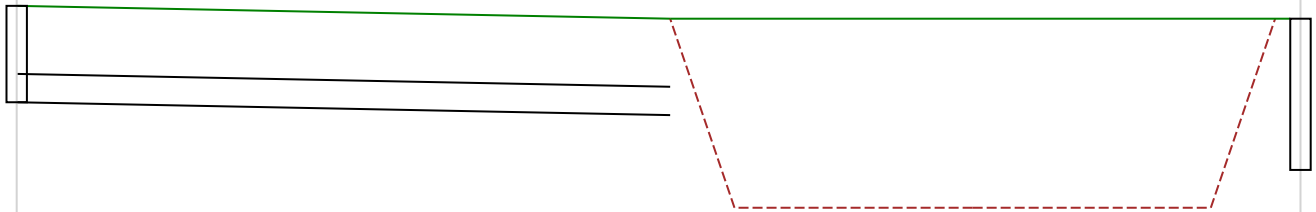
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Node Name	SWALE 1	S6	BASIN 2	S7
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000				
Link Name	1.025	1.026	1.027	
Section Type	375mm	375mm	375mm	
Slope (1:X)	571.3	521.2	572.1	
Cover Level (m)	186.800	186.850	186.300	186.300
Invert Level (m)	184.874	184.808 / 184.808 / 184.797	184.797	184.759
Length (m)	37.707	5.733	21.741	

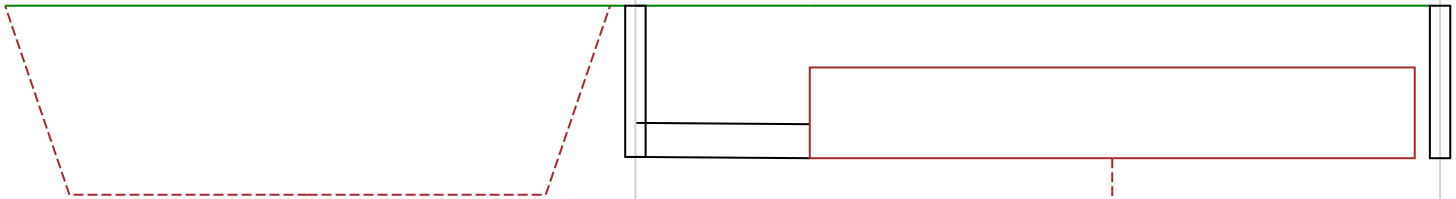
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Node Name	S7	SWALE 2	S8	S9	S10	SWALE 3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000						
Link Name	1.028	1.029	1.030	1.031	1.032	
Section Type	375mm	375mm	375mm	375mm	375mm	
Slope (1:X)	43.5	571.9	58.6	557.0	36.9	
Cover Level (m)	186.300	185.650	185.630	185.400	185.400	185.270
Invert Level (m)	184.759	184.375 / 184.375	184.330 / 184.330	184.125 / 184.125	184.113 / 184.113	183.995
Length (m)	16.710	25.734	12.015	6.684	4.360	

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Node Name	SWALE 3	BASIN 3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 178.000		
Link Name	1.033	
Section Type	375mm	
Slope (1:X)	254.1	
Cover Level (m)	185.270	185.100
Invert Level (m)	183.995	183.825
Length (m)	43.205	

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Node Name		BASIN 3	BH2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 178.000			
Link Name		1.034	
Section Type		450mm	
Slope (1:X)		678.1	
Cover Level (m)		185.100	185.100
Invert Level (m)		183.100	183.083
Length (m)		11.528	

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Node Name		FC1	J1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		2.000	
Section Type		100mr	
Slope (1:X)		95.2	
Cover Level (m)		189.250	189.200
Invert Level (m)		188.250	188.200
Length (m)		4.759	

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Node Name		FC2	J2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		3.000	
Section Type		100mr	
Slope (1:X)		103.1	
Cover Level (m)		189.150	189.150
Invert Level (m)		188.150	188.106
Length (m)		4.536	

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Node Name		FC3	J3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		4.000	
Section Type		100mm	
Slope (1:X)		93.8	
Cover Level (m)		189.200	189.150
Invert Level (m)		188.200	188.100
Length (m)		9.375	

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Node Name		FC4	J4
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		5.000	
Section Type		100mm	
Slope (1:X)		66.2	
Cover Level (m)		189.200	189.100
Invert Level (m)		188.200	188.089
Length (m)		7.350	

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Node Name		FC5	J5
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		6.000	
Section Type		100m	
Slope (1:X)		103.7	
Cover Level (m)		189.000	189.000
Invert Level (m)		188.000	187.960
Length (m)		4.149	

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Node Name		FC6	J6
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		7.000	
Section Type		100mm	
Slope (1:X)		48.9	
Cover Level (m)		188.850	188.700
Invert Level (m)		187.850	187.700
Length (m)		7.336	

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Node Name		FC7	J7
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		8.000	
Section Type		100mm	
Slope (1:X)		72.7	
Cover Level (m)		188.750	188.650
Invert Level (m)		187.750	187.650
Length (m)		7.271	

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Node Name		FC8	J8
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		9.000	
Section Type		100m	
Slope (1:X)		40.2	
Cover Level (m)		188.750	188.650
Invert Level (m)		187.750	187.646
Length (m)		4.185	

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Node Name		FC9	J9
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		10.000	
Section Type		100mm	
Slope (1:X)		103.2	
Cover Level (m)		188.470	188.400
Invert Level (m)		187.470	187.400
Length (m)		7.225	

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Node Name		FC10	J10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		11.000	
Section Type		100mm	
Slope (1:X)		83.2	
Cover Level (m)		188.470	188.400
Invert Level (m)		187.470	187.395
Length (m)		6.240	

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Node Name		FC11	J11
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		12.000	
Section Type		100mm	
Slope (1:X)		104.7	
Cover Level (m)		188.320	188.350
Invert Level (m)		187.320	187.246
Length (m)		7.746	

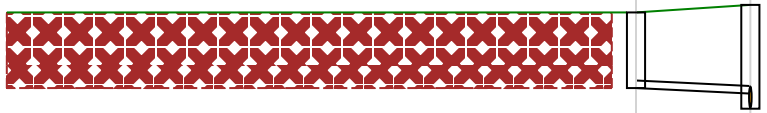
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Node Name		FC12	S2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		13.000	
Section Type		100mm	
Slope (1:X)		104.4	
Cover Level (m)		188.230	188.275
Invert Level (m)		187.230	187.164
Length (m)		6.888	

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Node Name		FC13	J12
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		14.000	
Section Type		100mm	
Slope (1:X)		103.6	
Cover Level (m)		188.000	188.250
Invert Level (m)		187.000	186.934
Length (m)		6.840	

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Node Name		FC14	J13
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		15.000	
Section Type		100mm	
Slope (1:X)		103.6	
Cover Level (m)		187.900	188.000
Invert Level (m)		186.900	186.827
Length (m)		7.561	

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Node Name		FC15	J14
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		16.000	
Section Type		100mr	
Slope (1:X)		12.4	
Cover Level (m)		188.200	188.000
Invert Level (m)		187.200	186.822
Length (m)		4.680	

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Node Name		FC16	J15
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		17.000	
Section Type		100mm	
Slope (1:X)		91.6	
Cover Level (m)		187.900	188.000
Invert Level (m)		186.900	186.817
Length (m)		7.601	

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Node Name		FC17	J16
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		18.000	
Section Type		100mn	
Slope (1:X)		24.7	
Cover Level (m)		188.000	187.850
Invert Level (m)		187.000	186.805
Length (m)		4.821	

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Node Name		FC18	J17
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		19.000	
Section Type		100mm	
Slope (1:X)		104.6	
Cover Level (m)		187.550	187.750
Invert Level (m)		186.550	186.483
Length (m)		7.010	

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Node Name		FC19	S3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		20.000	
Section Type		100mm	
Slope (1:X)		104.9	
Cover Level (m)		187.400	187.750
Invert Level (m)		186.400	186.337
Length (m)		6.609	

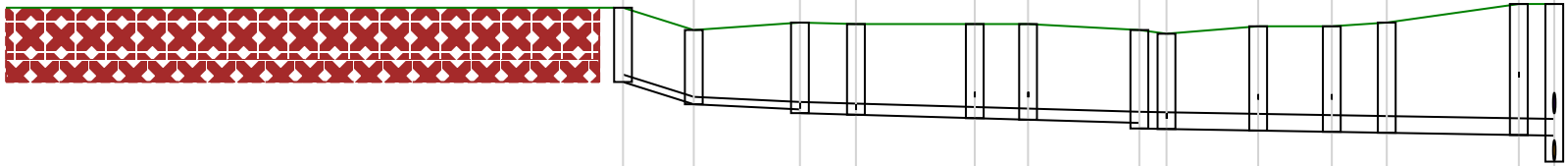
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Node Name		FC20	J18
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		21.00	
Section Type		100m	
Slope (1:X)		14.4	
Cover Level (m)		187.950	187.650
Invert Level (m)		186.950	186.650
Length (m)		4.329	

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Node Name		FC21	J19
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		22.000	
Section Type		100mm	
Slope (1:X)		104.8	
Cover Level (m)		187.300	187.650
Invert Level (m)		186.300	186.227
Length (m)		7.651	

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A4 drawing

Hor Scale 500
Ver Scale 100

Datum (m) 181.000

Node Name	FC22	S17	J20	J21	J22	J23	S18	J24	J25	J26	S19	J27	S4
Link Name	23.000	23.001	23.00	23.003	23.00	23.005	23	23.007	23.008	23.00	23.010	23.	
Section Type	100mm	100mm	150m	150mm	150m	150mm	22	225mm	225mm	225m	225mm	225	
Slope (1:X)	15.9	103.7	171.7	174.2	171.1	174.5	26	294.3	292.0	285.1	296.8	298	
Cover Level (m)	187.450	187.150	187.250	187.230	187.230	187.230	187.150	187.100	187.200	187.200	187.250	187.500	187.500
Invert Level (m)	186.450 / 186.150	186.150 / 186.081	186.031 / 186.009	186.009 / 185.963	185.963 / 185.942	185.942 / 185.899	185.899 / 185.817	185.817 / 185.796	185.796 / 185.779	185.779 / 185.766	185.766 / 185.736	185.736 / 185.726	
Length (m)	4.771	7.157	3.776	8.013	3.593	7.503	1.8	6.181	4.965	3.706	8.903	2.3	

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Node Name		FC23	J20
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		24.000	
Section Type		100mm	
Slope (1:X)		20.9	
Cover Level (m)		187.300	187.250
Invert Level (m)		186.300	186.081
Length (m)		4.588	

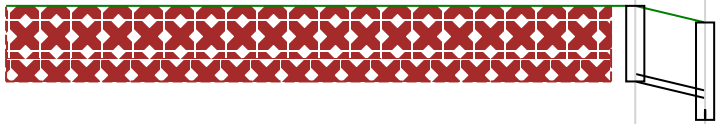
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Node Name		FC24	J21
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		25.000	
Section Type		100mr	
Slope (1:X)		19.3	
Cover Level (m)		187.300	187.230
Invert Level (m)		186.300	186.059
Length (m)		4.644	

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Node Name		FC25	J22
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		26.000	
Section Type		100mr	
Slope (1:X)		14.8	
Cover Level (m)		187.550	187.230
Invert Level (m)		186.550	186.230
Length (m)		4.735	

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Node Name		FC26	J23
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		27.000	
Section Type		100mm	
Slope (1:X)		21.0	
Cover Level (m)		187.450	187.230
Invert Level (m)		186.450	186.230
Length (m)		4.616	

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Node Name		FC27	J24
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		28.000	
Section Type		100mm	
Slope (1:X)		8.1	
Cover Level (m)		187.500	187.100
Invert Level (m)		186.500	185.942
Length (m)		4.497	

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Node Name		FC28	J25
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		29.000	
Section Type		100mm	
Slope (1:X)		14.5	
Cover Level (m)		187.500	187.200
Invert Level (m)		186.500	186.200
Length (m)		4.356	

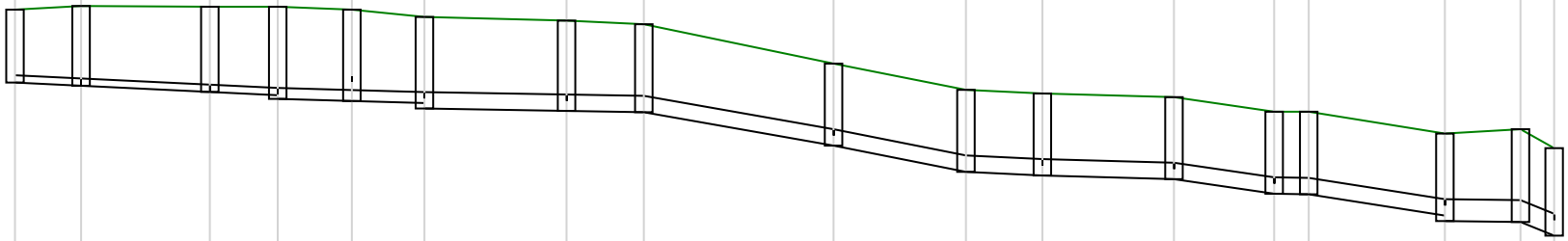
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Node Name		FC29	J26
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		30.000	
Section Type		100mr	
Slope (1:X)		15.7	
Cover Level (m)		187.500	187.200
Invert Level (m)		186.500	186.200
Length (m)		4.721	

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Node Name		FC30	J27
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		31.000	
Section Type		100mm	
Slope (1:X)		17.6	
Cover Level (m)		187.750	187.500
Invert Level (m)		186.750	186.500
Length (m)		4.404	

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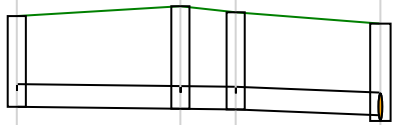
A4 drawing

Hor Scale 500
Ver Scale 100

Datum (m) 180.000

Node Name	S11	J28	J29	S12	J30	J31	J32	S13	J33	S14	J34	J35	J36	S15	J37	S16	J38
Link Name	32.000	32.001	32.002	32.003	32.004	32.005	32.006	32.007	32.008	32.009	32.010	32.011	32.	32.013	32.014	32.	
Section Type	100mr	100mm	100mr	150mm	150mn	225mm	225mm	225mm	225mm	225mm	225mm	225mm	225	225mm	300mm	300	
Slope (1:X)	103.0	103.8	103.4	175.3	177.7	295.2	294.4	28.4	25.2	104.8	180.4	34.4	296	32.0	398.8	12.	
Cover Level (m)	187.400	187.450	187.440	187.440	187.400	187.300	187.250	187.200	186.660	186.300	186.250	186.200	186.000	186.000	185.700	185.760	185.500
Invert Level (m)	186.400	186.356	186.356	186.271	186.271	186.226	186.176	186.147	186.147	186.119	186.044	186.011	186.011	185.993	185.993	185.535	185.535	185.175	185.175	185.125	185.125	185.075	185.075	184.875	184.867	184.867	184.575	184.500	184.487	184.300	
Length (m)	4.533	8.827	4.655	5.083	4.976	9.743	5.299	13.007	9.078	5.240	9.022	6.870	2.3	9.335	5.184	2.3	

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Node Name		J38	J39	J40	S10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000					
Link Name		32.016	32.01	32.018	
Section Type		300mm	300m	300mm	
Slope (1:X)		416.0	406.1	124.3	
Cover Level (m)		185.500	185.630	185.550	185.400
Invert Level (m)		184.300	184.274	184.274 184.265	184.265 184.188
Length (m)		10.817	3.655	9.569	

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Node Name		FC31	J28
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		33.00(	
Section Type		100m	
Slope (1:X)		45.2	
Cover Level (m)		187.450	187.450
Invert Level (m)		186.450	186.356
Length (m)		4.250	

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Node Name		FC32	J29
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		34.00	
Section Type		100m	
Slope (1:X)		23.2	
Cover Level (m)		187.450	187.440
Invert Level (m)		186.450	186.271
Length (m)		4.159	

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Node Name		FC33	S12
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		35.00	
Section Type		100m	
Slope (1:X)		18.4	
Cover Level (m)		187.450	187.440
Invert Level (m)		186.450	186.226
Length (m)		4.130	

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Node Name		FC34	J30
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		36.000	
Section Type		100mm	
Slope (1:X)		95.4	
Cover Level (m)		187.450	187.400
Invert Level (m)		186.450	186.400
Length (m)		4.772	

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Node Name		FC35	J31
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		37.000	
Section Type		100mm	
Slope (1:X)		18.3	
Cover Level (m)		187.450	187.300
Invert Level (m)		186.450	186.169
Length (m)		5.130	

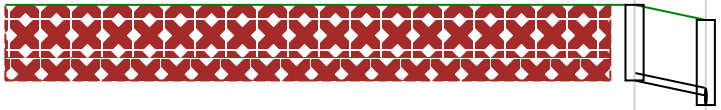
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Node Name		FC36	J32
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		38.000	
Section Type		100mm	
Slope (1:X)		16.0	
Cover Level (m)		187.450	187.250
Invert Level (m)		186.450	186.136
Length (m)		5.014	

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Node Name		FC37	J33
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		39.000	
Section Type		100mm	
Slope (1:X)		46.9	
Cover Level (m)		186.800	186.660
Invert Level (m)		185.800	185.660
Length (m)		6.567	

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Node Name		FC38	J34
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		40.000	
Section Type		100mm	
Slope (1:X)		23.6	
Cover Level (m)		186.450	186.250
Invert Level (m)		185.450	185.250
Length (m)		4.712	

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Node Name		FC39	J35
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		41.000	
Section Type		100mm	
Slope (1:X)		17.7	
Cover Level (m)		186.450	186.200
Invert Level (m)		185.450	185.200
Length (m)		4.437	

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Node Name		FC40	J36
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		42.000	
Section Type		100mm	
Slope (1:X)		10.1	
Cover Level (m)		186.500	186.000
Invert Level (m)		185.500	185.000
Length (m)		5.069	

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Node Name		FC41	J37
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		43.000	
Section Type		100mm	
Slope (1:X)		33.6	
Cover Level (m)		185.850	185.700
Invert Level (m)		184.850	184.700
Length (m)		5.034	

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Node Name		FC42	J38
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		44.000	
Section Type		100mn	
Slope (1:X)		49.4	
Cover Level (m)		185.600	185.500
Invert Level (m)		184.600	184.500
Length (m)		4.938	

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Node Name		FC43	J39
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		45.00(	
Section Type		100m(	
Slope (1:X)		34.4	
Cover Level (m)		185.600	185.630
Invert Level (m)		184.600	184.474
Length (m)		4.335	

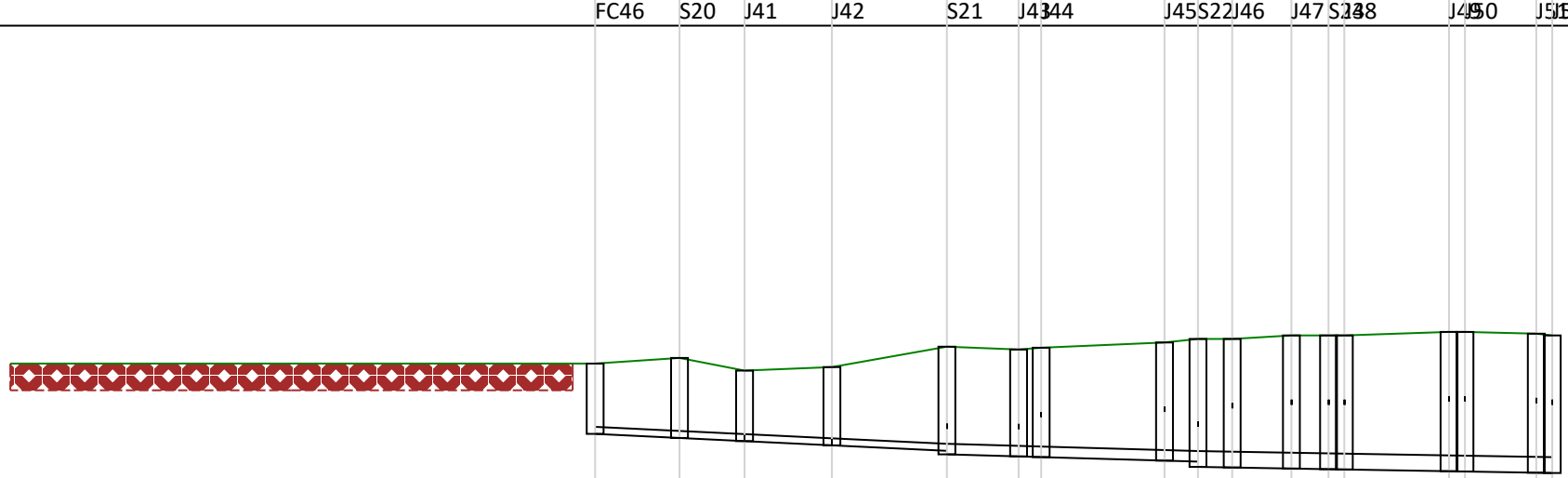
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Node Name		FC44	J40
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		46.000	
Section Type		100mm	
Slope (1:X)		32.5	
Cover Level (m)		185.600	185.550
Invert Level (m)		184.600	184.465
Length (m)		4.393	

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Node Name		FC45	S10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		47.000	
Section Type		100mm	
Slope (1:X)		21.7	
Cover Level (m)		185.600	185.400
Invert Level (m)		184.600	184.388
Length (m)		4.611	

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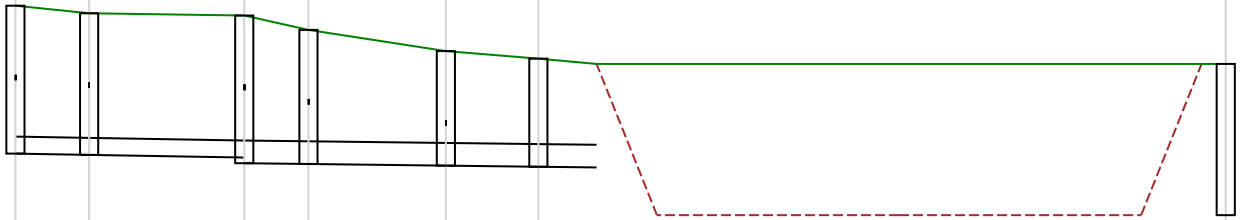
A4 drawing

Hor Scale 500
Ver Scale 100

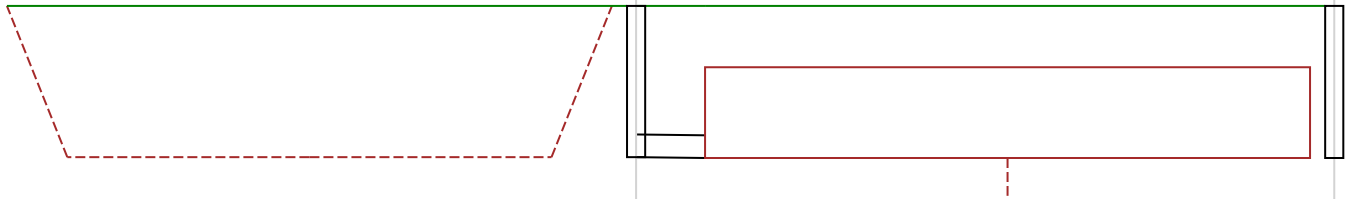
Datum (m) 179.000

Node Name	FC46	S20	J41	J42	S21	J43	J44	J45	S22	J46	J47	S23	J48	J49	J50	J51	J52
Link Name	48.000	48.001	48.002	48.003	48.004	48	48.006	48.	48.	48.00	48.0	(4	48.012	4	48.014	4	
Section Type	100mm	100mr	100mm	100mm	150mm	15	150mm	150	225	225m	225	2	225mm	2	225mm	2	
Slope (1:X)	103.5	102.8	103.6	104.8	175.9	16	175.5	170	270	281.0	293	2	297.9	2	298.4	2	
Cover Level (m)	185.700	185.780	185.600	185.650	185.940	185.900	185.925	186.000	186.050	186.050	186.100	186.100	186.100	186.150	186.150	186.125	186.100
Invert Level (m)	184.700	184.642	184.642	184.597	184.597	184.537	184.537	184.459	184.409	184.380	184.370	184.370	184.320	184.300	184.231	184.222	184.207
Length (m)	6.002	4.628	6.214	8.178	5.101	1.	8.775	2.3	2.4	4.214	2.6	1	7.448	1	5.073	1	

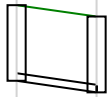
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Node Name	J52	J53	S24	J56	J57	S25	BASIN 4
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000							
Link Name	48.016	48.017	48.01	48.019	48.020	48.02	
Section Type	225mn	225mm	300m	300mm	300mm	300m	
Slope (1:X)	286.7	293.0	424.4	413.0	407.7	427.5	
Cover Level (m)	186.100	186.000	185.970	185.780	185.500	185.400	185.330
Invert Level (m)	184.144 / 184.127	184.127	184.092	184.017 / 184.007	184.007	183.985	183.985 / 183.970 / 183.961
Length (m)	4.874	10.256	4.244	9.086	6.116	3.848	

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Node Name		BASIN 4	3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		48.022	
Section Type		300mr	
Slope (1:X)		414.5	
Cover Level (m)		185.330	185.330
Invert Level (m)		183.330	183.319
Length (m)		4.560	

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Node Name		FC47	J41
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		49.000	
Section Type		100mm	
Slope (1:X)		34.6	
Cover Level (m)		185.750	185.600
Invert Level (m)		184.750	184.597
Length (m)		5.288	

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Node Name		FC48	J42
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		50.000	
Section Type		100mm	
Slope (1:X)		19.0	
Cover Level (m)		185.800	185.650
Invert Level (m)		184.800	184.537
Length (m)		4.997	

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Node Name		FC49	S21
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		51.00	
Section Type		100m	
Slope (1:X)		103.9	
Cover Level (m)		185.800	185.940
Invert Level (m)		184.800	184.758
Length (m)		4.364	

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Node Name		FC50	J43
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		52.000	
Section Type		100mr	
Slope (1:X)		104.0	
Cover Level (m)		185.800	185.900
Invert Level (m)		184.800	184.755
Length (m)		4.681	

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Node Name		FC56	J44
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		53.000	
Section Type		100mm	
Slope (1:X)		15.5	
Cover Level (m)		186.350	185.925
Invert Level (m)		185.350	184.925
Length (m)		6.583	

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Node Name		FC57	J45
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		54.000	
Section Type		100mm	
Slope (1:X)		18.5	
Cover Level (m)		186.350	186.000
Invert Level (m)		185.350	185.000
Length (m)		6.483	

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Node Name		FC51	S22
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		55.000	
Section Type		100mm	
Slope (1:X)		104.2	
Cover Level (m)		185.850	186.050
Invert Level (m)		184.850	184.791
Length (m)		6.150	

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Node Name		FC58	J46
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		56.000	
Section Type		100mm	
Slope (1:X)		20.7	
Cover Level (m)		186.350	186.050
Invert Level (m)		185.350	185.050
Length (m)		6.203	

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Node Name		FC59	J47
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		57.000	
Section Type		100mm	
Slope (1:X)		25.6	
Cover Level (m)		186.350	186.100
Invert Level (m)		185.350	185.100
Length (m)		6.403	

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Node Name		FC52	S23
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		58.000	
Section Type		100mm	
Slope (1:X)		36.4	
Cover Level (m)		186.250	186.100
Invert Level (m)		185.250	185.100
Length (m)		5.454	

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Node Name		FC60	J48
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		59.000	
Section Type		100mm	
Slope (1:X)		26.4	
Cover Level (m)		186.350	186.100
Invert Level (m)		185.350	185.100
Length (m)		6.605	

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Node Name		FC61	J49
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		60.000	
Section Type		100mm	
Slope (1:X)		49.3	
Cover Level (m)		186.300	186.150
Invert Level (m)		185.300	185.150
Length (m)		7.396	

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Node Name		FC53	J50
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		61.00	
Section Type		100m	
Slope (1:X)		42.7	
Cover Level (m)		186.250	186.150
Invert Level (m)		185.250	185.150
Length (m)		4.272	

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Node Name		FC54	J51
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		62.00	
Section Type		100m	
Slope (1:X)		31.8	
Cover Level (m)		186.250	186.125
Invert Level (m)		185.250	185.125
Length (m)		3.980	

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Node Name		FC62	J52
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		63.000	
Section Type		100mm	
Slope (1:X)		62.6	
Cover Level (m)		186.250	186.100
Invert Level (m)		185.250	185.100
Length (m)		9.395	

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Node Name		FC55	J53
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		64.00	
Section Type		100m	
Slope (1:X)		16.6	
Cover Level (m)		186.250	186.000
Invert Level (m)		185.250	185.000
Length (m)		4.156	

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Node Name		FC6	S26	J54	J55	S24
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000						
Link Name		65.	65.001	65.0	65.003	
Section Type		100	100mm	100m	100mm	
Slope (1:X)		104	34.4	104.0	63.4	
Cover Level (m)		186.400	186.420	186.200	186.150	185.970
Invert Level (m)		185.400 185.377	185.129	185.129 185.094	185.094	184.970
Length (m)		2.4	8.523	3.64	7.859	

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Node Name	FC04	05
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000		
Link Name	66.	
Section Type	100	
Slope (1:X)	104	
Cover Level (m)	186.150	186.200
Invert Level (m)	185.120	
Length (m)	2.1	

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Node Name		FC05	05
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		67.	
Section Type		100	
Slope (1:X)		39.	
Cover Level (m)		186.150	186.150
Invert Level (m)		185.090	
Length (m)		2.1	

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Node Name	FC624	62
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000		
Link Name	68.	
Section Type	100	
Slope (1:X)	70.	
Cover Level (m)	186.000	185.970
Invert Level (m)	184.900	184.900
Length (m)	2.1	

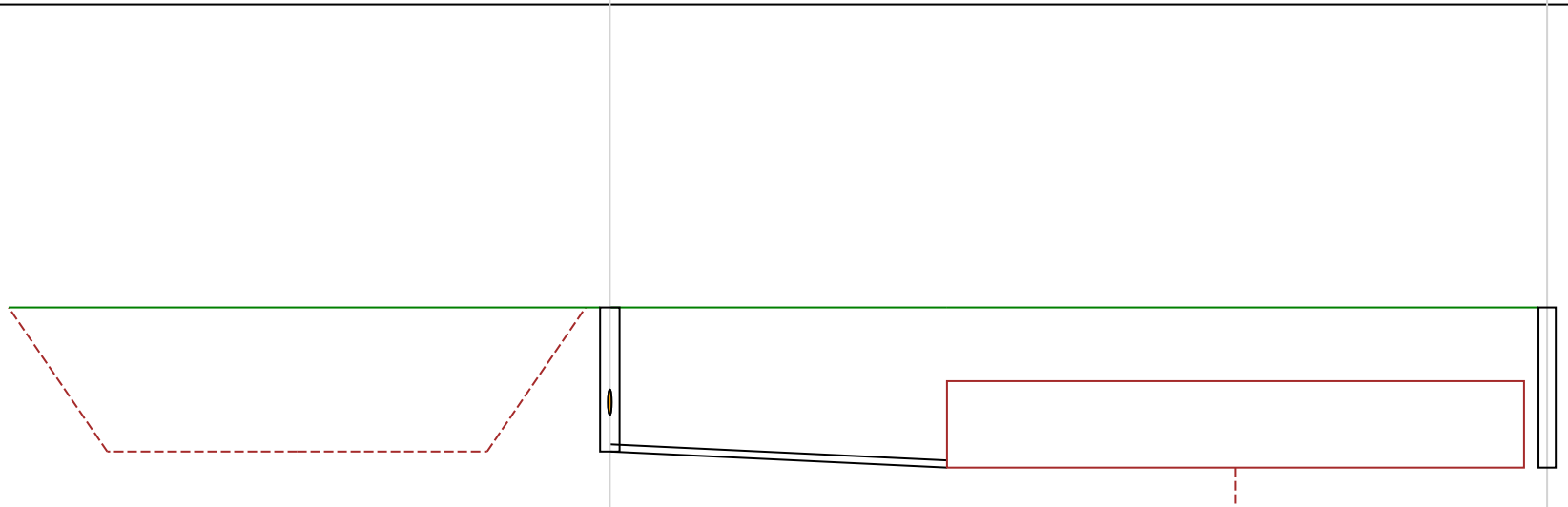
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Node Name		FC036
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000		
Link Name		69.
Section Type		100
Slope (1:X)		104
Cover Level (m)		185.800 185.780
Invert Level (m)		184.780
Length (m)		2.0

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Node Name		FC68	87
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		70.	
Section Type		100	
Slope (1:X)		45.	
Cover Level (m)		185.550	185.500
Invert Level (m)		**184.560**	
Length (m)		2.2	

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Node Name		BASIN 2	BH1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		71.000	
Section Type		100mm	
Slope (1:X)		104.8	
Cover Level (m)		186.300	186.300
Invert Level (m)		184.300	184.077
Length (m)		23.374	

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